

## Patient

### Demographics

Name: Ms. GAIA Inigo YOUNG "YOUNG, Miss GAIA"

Address: 67 Gibson Square LONDON N1 0RA

Date of birth: 4/3/1996

Sex: Female

Gender identity: Female

NHS No.: 601 541 0655

Email: gaiaiyoung@gmail.com

Mobile: 07954 554153

### Patient Expiry

Date/time of death: 21/7/2021 20:25

Preliminary cause of death: Brainstem death [Ramen CHENGEBROYEN, RN - 23/7/2021 03:39]

### Care Team

#### Active

No active care team members

### Problem List

Problem	Noted On	Resolved On
Brainstem death	17/07/2021	—

### Allergies

No Known Allergies

### Immunisations

Immunisation	Administered On
COVID-19 mRNA Vaccine BNT162b2 (Pfizer)	26/01/2021, 12/03/2021

### Current Medication

#### Medication

This report is for documentation purposes only. The patient should not follow medication instructions within.  
For accurate instructions regarding medication, the patient should instead consult their doctor or after visit summary.

#### Current Medication

None

### Vital Signs

Vital Signs					Most recent update: 22/7/2021 17:38
BP	Pulse	Temp	Resp	Wt	
109/62	96	37.4 °C (99.3 °F) (Tympanic)	14	55 kg	
SpO2					
99%					

### Advance Care Planning

#### Plan

#### Patient Capacity

The patient has full capacity. There is no history of patient status change.

#### Current Resuscitation Status

Date Active	Resuscitation Status	Order ID	Comments	User	Context
CPR (unsigned)					

**Patient (continued)**

**Advance Care Planning (continued)**

**Chat Conversations**

**Dominic HEANEY and Livia GOTTARDI About YOUNG,GAIA Inigo [21365083]**

**Participants (2)**

Participant	Specialty	Active?	Messages Sent	Last Read Message (Send Instant)
Dominic HEANEY	Neurology	Yes	1	19/7/2021 16:26 BST
Livia GOTTARDI	Intensive Care Medicine	Yes	0	19/7/2021 16:26 BST

**Messages (1)**

Sender	Message	Sent At
Dominic HEANEY	<p>Thanks for taking the note of the family discussion. I know you will be neatening this up. In essence, my part would be that I asked the family questions about her family history (nil of thrombosis and early vascular events) past medical history (no clots, no medical or surgical problems), health in the days before the event and in particular whether there was any possibility of illicit or other drug use - and the family were confident as far as possible there was not. We discussed that there was a very severe brain injury, from which very sadly indeed, she would not survive - or if she did, he would survive with catastrophic neurological impairments. We discussed teh potential causes. I was clear that in this age group, and with this presentation, a drug-reactoin (e.g. to MDMA) would be possible - and that it was also possible this was a cerebral venous thrombosis - with some evidence for this being provided in the clotting screen that was performed (although the scans have not been supportive of this latter diagnosis). We can not exclude viral infection (although not typical, there was temperature and the presentation with headache and behaviour change) or a paraneoplastic presentation. But notwithstanding, this is a very unusual and tragic presentation. We also discussed at several points about review and finding out what happend - not least by the unusual nature of the case (a previously well 25 year old who deteriorates so rapidly and unexpectedly) every aspect of the presentation and care would be carefully reviewed. In this context autopsy was likely to be proposed - which may affect the plan for organ donation.</p> <p>Read by: Livia GOTTARDI 19/7/2021 18:01 BST</p>	19/7/2021 16:26 BST

**Hannah NYBERG, RN and Rebecca MCMILLAN About YOUNG,GAIA Inigo [21365083]**

**Participants (2)**

Participant	Specialty	Active?	Messages Sent	Last Read Message (Send Instant)
Hannah NYBERG, RN	Intensive Care Medicine	Yes	2	20/7/2021 07:41 BST
Rebecca MCMILLAN	Anaesthetics	Yes	1	20/7/2021 07:41 BST

**Messages (3)**

Sender	Message	Sent At
Hannah NYBERG, RN	<p>Mind ordering some phosphate replacement for Gaia when you have a minute - can replace via ng as opposed to iv</p> <p>Read by: Rebecca MCMILLAN 20/7/2021 07:26 BST</p>	20/7/2021 06:54 BST
Rebecca MCMILLAN	<p>Of course sorry just seen this</p> <p>Read by: Hannah NYBERG, RN 20/7/2021 07:41 BST</p>	20/7/2021 07:27 BST
Hannah NYBERG, RN	<p>np at all - thanks!</p> <p>Read by: Rebecca MCMILLAN 20/7/2021 07:42 BST</p>	20/7/2021 07:41 BST

**Gwenyvere OTERO and Livia GOTTARDI About YOUNG,GAIA Inigo [21365083]**

**Patient (continued)**

**Chat Conversations (continued)**

**Participants (2)**

Participant	Specialty	Active?	Messages Sent	Last Read Message (Send Instant)
Gwenyvere OTERO	Intensive Care Medicine	Yes	1	20/7/2021 11:13 BST
Livia GOTTARDI	Intensive Care Medicine	Yes	0	20/7/2021 11:13 BST

**Messages (1)**

Sender	Message	Sent At
Gwenyvere OTERO	Hello Livia. I noticed that the old prescription for phosphate was just 9mmol. Do you want the whole 50mmol in 24hrs? Can you please prescribe it? Thanks Read by: Livia GOTTARDI 20/7/2021 12:41 BST	20/7/2021 11:13 BST

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit**

**Reason for Attendance**

Reason for Attendance: Heat Exposure  
Visit diagnosis: Brainstem death  
Hospital problem: Brainstem death

**Visit Information**

**Admission Information**

Arrival Date/Time:	17/07/2021 23:05	Admit Date/Time:	17/07/2021 23:10	IP Adm. Date/Time:	18/07/2021 04:55
Admission Type:	Emergency Admission - A&e, Casualty, Or Dental Casualty Department	Point of Origin:		Admit Category:	
Means of Arrival:	Emergency Road Ambulance No Medical Escort	Primary Specialty:	Pharmacology	Secondary Specialty:	N/A
Transfer Source:		Service Area:	UCLH SERVICE AREA	Unit:	UCH Tower 3rd Floor Intensive Care Unit
Admit Provider:	Christine GREGSON	Attending Clinician:	Omar RAJA	Referring Clinician:	

**Discharge Information**

Discharge Date/Time	Discharge Method	Discharge Destination	Discharge Clinician	Unit
23/07/2021 03:37	Patient Died	Patient Died Or Still Birth	None	UCH Tower 3rd Floor Intensive Care Unit

**Treatment Team**

Provider	Specialty	Role	Specialty	From	To
Reecha SOFAT	—	Attending Clinician	Clinical Pharmacology & Therapeutics	18/07/21 17:31	23/07/21 03:37
Christine GREGSON	—	Attending Clinician	General (Internal) Medicine	18/07/21 04:55	18/07/21 17:31
Omar RAJA	—	Attending Clinician	Emergency Medicine	18/07/21 00:23	18/07/21 00:40
Wint MON	—	Anaesthetist	Anaesthetics	22/07/21 16:05	—
Hugo MOURATO	—	Registered Nurse	—	22/07/21 09:17	22/07/21 20:08
ISAAC, RN	—	Registered Nurse	Intensive Care Medicine	22/07/21 08:30	22/07/21 22:30
Zoie SIDAWAY	—	Registered Nurse	Intensive Care Medicine	22/07/21 08:28	22/07/21 22:28
Maria Alexandra ZAPATA	—	Registered Nurse	—	22/07/21 08:00	22/07/21 22:30
Madalena FERNANDES	—	Surgeon	—	22/07/21 06:49	—
Organ Procurement SURGEON	—	Surgeon	—	22/07/21 06:49	—
Hannah NYBERG, RN	—	Registered Nurse	Intensive Care Medicine	21/07/21 22:04	22/07/21 11:34
Filsan MOALIN, RN	—	Registered Nurse	—	21/07/21 20:50	22/07/21 22:10
Necheal ROMEO, RN	—	Deputy Sister	Intensive Care Medicine	21/07/21 19:34	21/07/21 22:30
Zoie SIDAWAY	—	Registered Nurse	Intensive Care Medicine	21/07/21 08:30	21/07/21 22:30
Deborah BUSH	—	Nursing Assistant	Geriatric Medicine	21/07/21 08:23	21/07/21 23:02
Jaina MISTRY	—	Registered Nurse	—	21/07/21 08:00	21/07/21 22:30
Hannah NYBERG, RN	—	Registered Nurse	Intensive Care Medicine	20/07/21 21:12	21/07/21 10:42
Dhanapackia RAJ, RN	—	Registered Nurse	—	20/07/21 20:00	21/07/21 10:00
Gwenyvere OTERO	—	Registered Nurse	Intensive Care Medicine	20/07/21 19:33	21/07/21 05:33
Camille Aura MANALANG	—	Nursing Assistant	Intensive Care Medicine	20/07/21 09:50	21/07/21 22:30

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Treatment Team (continued)**

Provider	Specialty	Role	Specialty	From	To
Deborah BUSH	—	Nursing Assistant	Geriatric Medicine	20/07/21 09:07	20/07/21 23:46
Gwenyvere OTERO	—	Registered Nurse	Intensive Care Medicine	20/07/21 08:55	20/07/21 18:55
Rhodiza Ann BALIO	—	Registered Nurse	—	20/07/21 08:14	20/07/21 09:15
Jaina MISTRY	—	Registered Nurse	—	20/07/21 08:00	20/07/21 22:30
Hugo MOURATO ISAAC, RN	—	Registered Nurse	—	20/07/21 06:29	20/07/21 12:12
Hugo MOURATO ISAAC, RN	—	Registered Nurse	—	19/07/21 21:42	20/07/21 06:29
Evangeline MEDINA, RN	—	Registered Nurse	Intensive Care Medicine	19/07/21 20:00	20/07/21 08:47
Melania ABELEND CASTRO, RN	—	Registered Nurse	—	19/07/21 09:00	19/07/21 23:30
Darryl Ionee SANTOS	—	Registered Nurse	Intensive Care Medicine	19/07/21 08:30	20/07/21 10:00
Deborah BUSH	—	Nursing Assistant	Geriatric Medicine	19/07/21 08:23	19/07/21 23:02
Esther RODRIGUEZ MARTINEZ, RN	—	Registered Nurse	Intensive Care Medicine	19/07/21 08:00	19/07/21 22:00
Evangeline MEDINA, RN	—	Registered Nurse	Intensive Care Medicine	18/07/21 21:47	19/07/21 10:30
Raquel Soraia CASTRO RIBEIRO, RN	—	Registered Nurse	—	18/07/21 20:11	19/07/21 08:45
Marialuisa BAFUNNO	—	Registered Nurse	—	18/07/21 19:11	18/07/21 22:30
Jeane NASCIMENTO, RN	—	Registered Nurse	—	18/07/21 17:47	—
Lydia MCLEAN	—	Chaplain	Pastoral Care	18/07/21 16:59	—
Diane CHETTIAR	—	Nursing Assistant	Emergency Medicine	18/07/21 10:03	18/07/21 22:00
Marianne MCFADDEN, RN	—	Registered Nurse	—	18/07/21 08:41	18/07/21 19:58
Josemari RAMOS, RN	—	Registered Nurse	—	18/07/21 07:34	18/07/21 10:26
Odette AKASSI	—	Nursing Assistant	Neurology	18/07/21 07:03	18/07/21 11:40
Julianah ADEWUMI, RN	—	Registered Nurse	—	18/07/21 05:13	18/07/21 12:11
Conor FEELY	—	Clerking Clinician	General (Internal) Medicine	18/07/21 03:24	—
Ed Consult Acute MEDICINE	—	Consultant	General (Internal) Medicine	18/07/21 03:10	—
Zoe VEARY	—	Registrar	Emergency Medicine	18/07/21 01:00	18/07/21 04:55

**Events**

**ED Arrival at 17/7/2021 23:05**

Unit: UCH Emergency Department  
 User: Faiyaz KARIM

**Admission at 17/7/2021 23:10**

Unit: UCH Emergency Department Room: RAT CHAIR Bed: RAT-CHAIR  
 User: Catarina FIGUEIREDO CAMEIRA Patient class: Emergency Specialty: Accident & Emergency

**ED Room Assigned at 17/7/2021 23:10**

Unit: UCH Emergency Department  
 User: Catarina FIGUEIREDO CAMEIRA

**Transfer In at 17/7/2021 23:13**

Unit: UCH Emergency Department Room: RAT 02 Bed: RAT-02  
 User: Bryan SUMAYAO Patient class: Emergency Specialty: Accident & Emergency

**ED Transfer at 17/7/2021 23:13**

Unit: UCH Emergency Department

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Events (continued)**

User: Bryan SUMAYAO

**Transfer In at 17/7/2021 23:29**

Unit: UCH Emergency Department User: Ruksana Ruby BEGUM, RN	Room: UTC TREATMENT ZONE Patient class: Emergency	Bed: UTC TZ Specialty: Accident & Emergency
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**ED Transfer at 17/7/2021 23:29**

Unit: UCH Emergency Department  
User: Ruksana Ruby BEGUM, RN

**Transfer In at 18/7/2021 00:38**

Unit: UCH Emergency Department User: Ruksana Ruby BEGUM, RN	Room: MAJ-CHAIR Patient class: Emergency	Bed: MAJ-CHAIR Specialty: Accident & Emergency
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**ED Transfer at 18/7/2021 00:38**

Unit: UCH Emergency Department  
User: Ruksana Ruby BEGUM, RN

**Transfer In at 18/7/2021 00:41**

Unit: UCH Emergency Department User: Ruksana Ruby BEGUM, RN	Room: NON COVID MAJORS 01 Patient class: Emergency	Bed: 01-NON COVID MAJORS Specialty: Accident & Emergency
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**ED Transfer at 18/7/2021 00:41**

Unit: UCH Emergency Department  
User: Ruksana Ruby BEGUM, RN

**Transfer In at 18/7/2021 03:20**

Unit: UCH Same Day Emergency Care Department User: Fabiola SEVILLA PEREZ	Room: SDEC BY02 Patient class: Emergency	Bed: 09 SDEC Specialty: Accident & Emergency
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**ED Arrival at 18/7/2021 03:20**

Unit: UCH Same Day Emergency Care Department User: Fabiola SEVILLA PEREZ	Room: SDEC BY02 Patient class: Emergency	Bed: 09 SDEC Specialty: Accident & Emergency
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**ED Transfer In at 18/7/2021 03:20**

Unit: UCH Same Day Emergency Care Department User: Fabiola SEVILLA PEREZ	Room: SDEC BY02 Patient class: Emergency	Bed: 09 SDEC Specialty: Accident & Emergency
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**Transfer In at 18/7/2021 04:49**

Unit: UCH Same Day Emergency Care Department User: Theresa DENMAN	Room: SDEC OTF Patient class: Emergency	Bed: SDEC OTF Specialty: Accident & Emergency
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**ED Transfer at 18/7/2021 04:49**

Unit: UCH Same Day Emergency Care Department User: Theresa DENMAN	Room: SDEC BY02 Patient class: Emergency	Bed: 09 SDEC Specialty: Accident & Emergency
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**Transfer In at 18/7/2021 04:55**

Unit: UCH Tower 1st Floor Acute Medical Unit User: Mariss MATILLANO, RN	Room: BY07 Patient class: Inpatient	Bed: BY07-36R Specialty: Acute Medicine
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**Transfer Out at 18/7/2021 17:31**

Unit: UCH Tower 1st Floor Acute Medical Unit User: Shailesh JATI	Room: BY07 Patient class: Inpatient	Bed: BY07-36R Specialty: Acute Medicine
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Events (continued)**

**Transfer In at 18/7/2021 17:31**

Unit: UCH Tower 3rd Floor Intensive Care Unit	Room: BY02	Bed: BY02-17
User: Shailesh JATI	Patient class: Inpatient	Specialty: Pharmacology

**Operation at 22/7/2021 13:33**

Unit: UCH T2THR	Room: UCH T2 DSU TH01
Patient class: Inpatient	Specialty: ENT

**Transfer Out at 22/7/2021 13:35**

Unit: UCH Tower 3rd Floor Intensive Care Unit	Room: BY02	Bed: BY02-17
User: Maria PATERNO-GARANDI	Patient class: Inpatient	Specialty: Pharmacology

**Transfer In at 22/7/2021 13:35**

Unit: UCH Tower 2nd Floor Day Theatre Suite	Room: POOL ROOM	Bed: THR
User: Maria PATERNO-GARANDI	Patient class: Inpatient	Specialty: Pharmacology

**Transfer Out at 23/7/2021 03:34**

Unit: UCH Tower 2nd Floor Day Theatre Suite	Room: POOL ROOM	Bed: THR
User: Rachael ALTON	Patient class: Inpatient	Specialty: Pharmacology

**Transfer In at 23/7/2021 03:34**

Unit: UCH Tower 3rd Floor Intensive Care Unit	Room: WAITING	Bed: WAIT
User: Rachael ALTON	Patient class: Inpatient	Specialty: Pharmacology

**Discharge at 23/7/2021 03:37**

Unit: UCH Tower 3rd Floor Intensive Care Unit	Room: WAITING	Bed: WAIT
User: Ramen CHENGEBROYEN, RN	Patient class: Inpatient	Specialty: Pharmacology

**Medication List**

**Medication List**

**This report is for documentation purposes only. The patient should not follow medication instructions within. For accurate instructions regarding medication, the patient should instead consult their doctor or after visit summary.**

**Prior To Admission**

None

**Discharge Medication List**

None

**Stopped in Visit**

None

**ED Clinician Note**

**ED Clinician Notes by Zoe VEARY at 18/7/2021 01:34**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**ED Clinician Note (continued)**

25 y.o. female

PC<sup>[ZV.1T]</sup>  
unwell<sup>[ZV.1M]</sup>

HPC<sup>[ZV.1T]</sup>

- I went to see Gaia at around 0100 - she was slumped in the wheelchair but easily rouseable
- She however wasn't making sense, she wasn't able to give me any information about what she has been doing today or how she is feeling, she kept repeating different statements like "i made a mistake", "I need to wait"
- i asked if she had been drinking and she said "not enough" i asked re alcohol and initially she said yes but then wouldn't clarify further. Later she denied etoh.
- I cannot smell etoh however she is behaving like she is intoxicated in some manner
- She denied illicit drugs
- At one point I asked about ringing her mother and she said no and then after she told me she had been out with her mother today
- Later she was rolling around complaining of feeling sick, she couldn't follow instruction and wouldn't open her eyes
- Can't get any further hx from her
- i can see from the RAT note she was out in the sun, felt sick and then this resolved with anti emetic however she seems to have deteriorated Again now
- i called her mothers mobile once and there was no reply<sup>[ZV.1M]</sup>

PMH

Active Outpatient Problems

Diagnosis	Date Noted
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- No Active Outpatient Problems

Resolved Outpatient Problems

Diagnosis	Date Noted
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- No Resolved Outpatient Problems

No Additional Past Medical History<sup>[ZV.1T]</sup>

unclear currently - nil on HIE<sup>[ZV.1M]</sup>

Drug Hx

Inpatient

Medication	Dose	Route	Frequency	Last Admin
• compound sodium lactate (Hartmann's) infusion (by volume) 1,000 mL	1,000 mL	Intravenous	Once	
• metoclopramide	10 mg	Intravenous	Once	

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**ED Clinician Note (continued)**

injection 10 mg

No current outpatient medication on file.

Allergies<sup>[ZV.1T]</sup>

None on HIE<sup>[ZV.1M]</sup>

Social Hx<sup>[ZV.1T]</sup>

No hx<sup>[ZV.1M]</sup>

Examination

Vital signs:

17/07/21 23:19

BP: 119/69

Blood pressure Right arm

location:

Pulse: 83

Resp: 15

Temp: 36.2 °C (97.2 °F)

TempSrc: Tympanic

SpO2: 100%

A <sup>[ZV.1T]</sup> clear, maintaining own airway<sup>[ZV.1M]</sup>

B <sup>[ZV.1T]</sup> Good a/e b/l. No incr wob, no crackles<sup>[ZV.1M]</sup>

C <sup>[ZV.1T]</sup> HS normal, looks very pale, CRT centrally <2<sup>[ZV.1M]</sup>

D <sup>[ZV.1T]</sup> GCS 14/15 E4 V4 M6, PEARL ~7mm<sup>[ZV.1M]</sup>

E <sup>[ZV.1T]</sup> abdomen soft, not peritonitic, no injuries seen, is moving head and neck freely and all four limbs around bed<sup>[ZV.1M]</sup>

Investigations<sup>[ZV.1T]</sup>

PH 7.514 (cO2 low, bicarb normal)

K 3.4

Na 129

Lac 2.7

Hb 133<sup>[ZV.1M]</sup>

Problem list<sup>[ZV.1T]</sup>

1. Confusion ?cause<sup>[ZV.1M]</sup>

Impression<sup>[ZV.1T]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**ED Clinician Note (continued)**

Apyrexial but slightly deranged electrolytes on gas  
 Vomiting + confusion<sup>[ZV.1M]</sup>

Plan<sup>[ZV.1T]</sup>

1. Full bloods
2. Stat IVF rehydration
3. Anti-emetic
4. Re-review<sup>[ZV.1M]</sup>

0300 ZAV

Na 128 Ph 0.8

Other bloods NAD

Still very drowsy and has vomited more

She seems more alert however and able to answer some more of my questions directly

She says only a small amount of alcohol today and has been "out"

Still appears dehydrated

I have referred to medics - kindly accepted

I have also added on a CK

Also repeat VBG after 2nd bag of IVF<sup>[ZV.2M]</sup>

Electronically signed by Zoe VEARY at 18/7/2021 03:16

**Attribution Key**

ZV.1 - Zoe VEARY on 18/7/2021 01:34

ZV.2 - Zoe VEARY on 18/7/2021 03:11

M - Manual, T - Template

**ED Notes**

**ED Notes by Ruksana Ruby BEGUM, RN at 17/7/2021 23:12**

ED RAT (Rapid assessment and treatment)

Handover note

LAS	<input checked="" type="checkbox"/>	Other ambulance	<input type="checkbox"/>	Clinic	<input type="checkbox"/>	Police	<input type="checkbox"/>
CAD <sup>[RB.1T]</sup>	5756 <sup>[RB.1M]</sup>	Service		Service		Service	
C/S						Shoulder	

Presenting Complaint

No reason for attendance on file.

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**ED Notes (continued)**

**History**

25 y.o. female<sup>[RB.1T]</sup>

Cycling at 17:00- and then lay in sun for a few hrs.

Now c/o headache, frontal and generalised. nil thunder clap, nil neck stiffness/photophobia

eating and drinking as normal

After headache sick and vomit.

Anti emetic with with las has completely resolved symptoms

FAST -VE.

Able to tolerate food and fluid<sup>[RB.1M]</sup>

**Medications within last 6 hours<sup>[RB.1T]</sup>**

4mg iv odansetron given at 22:50<sup>[RB.1M]</sup>

**Allergies**

Not on File<sup>[RB.1T]</sup>

nkda<sup>[RB.1M]</sup>

**Past Medical History**

There is no problem list on file for this patient.<sup>[RB.1T]</sup>

hayfever

eczema<sup>[RB.1M]</sup>

**Regular Medications**

No current hospital/clinic-administered medication for this encounter.

No current outpatient medication on file.

**Travel History<sup>[RB.1T]</sup>**

nil<sup>[RB.1M]</sup>

**Pre-hospital Vital Signs**

RR <sup>[RB.1T]</sup>	20 <sup>[RB.1M]</sup> rpm	Sats <sup>[RB.1T]</sup>	100 <sup>[RB.1M]</sup> %
HR <sup>[RB.1T]</sup>	91 <sup>[RB.1M]</sup> bpm	BP <sup>[RB.1T]</sup>	105/67 <sup>[RB.1M]</sup> mmHg
GCS <sup>[RB.1T]</sup>	15 <sup>[RB.1M]</sup> /15	BM <sup>[RB.1T]</sup>	5.5 <sup>[RB.1M]</sup> mmol/L
Temperature <sup>[RB.1T]</sup>	36.6 <sup>[RB.1M]</sup> C		
Pain score <sup>[RB.1T]</sup>	0 <sup>[RB.1M]</sup> /10 <sup>[RB.1T]</sup>		

Electronically signed by Ruksana Ruby BEGUM, RN at 17/7/2021 23:17

**Attribution Key**

RB.1 - Ruksana Ruby BEGUM, RN on 17/7/2021 23:12

M - Manual, T - Template

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**ED Notes (continued)**

**ED Notes by SEREDNURSE1012 at 18/7/2021 02:13**

Cleansed from vomite, dried, covered with sheets as undergarments are exposed from being restless. Made comfortable<sup>[S.1M]</sup>

Electronically signed by SEREDNURSE1012 at 18/7/2021 02:13

**Attribution Key**

S.1 - SEREDNURSE1012 on 18/7/2021 02:13

M - Manual

**ED Notes by Ainen DEMAVIVAS at 18/7/2021 03:36**

**SDEC Nursing Notes:**

Introduced self to patient.  
Gained consent to management and care.

Observation done. NEWS Score-<sup>[AD.1T]</sup>1<sup>[AD.1M]</sup>

**Vital signs:**

18/07/21 03:28

BP: 137/68  
Pulse: 103  
Resp: 19  
Temp: 36.8 °C (98.2 °F)  
SpO2: 100%

A- airway is patent

B- can speak in full sentences  
Saturating well in room air

C-Normotensive.  
Capillary refill time is normal

D- Alert and oriented.  
GCS 15/15<sup>[AD.1T]</sup>  
Assisted minimally to the toilet as patient is a little unsteady on feet at the moment.  
Normally independent and mobile.  
Passed urine freely.<sup>[AD.1M]</sup>

E-Skin is dry and intact.<sup>[AD.1T]</sup>  
With IV cannula in situ at left hand vein.  
VIP Score 0.

Awaiting medical review.<sup>[AD.1M]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**ED Notes (continued)**

Electronically signed by Ainen DEMAVIVAS at 18/7/2021 03:40

**Attribution Key**

AD.1 - Ainen DEMAVIVAS on 18/7/2021 03:36  
 M - Manual, T - Template

**ED Care Timeline**

**Patient Care Timeline (17/7/2021 23:05 to 18/7/2021 04:55)**

17/7/2021	Event	Details	User
23:05	<b>Patient arrived in ED</b>		Faiyaz KARIM
23:05:27	<b>Arrival Attendance Reason</b>	heat stroke	
23:10	<b>In Facility</b>	Status: Arrived	--
23:10:25	<b>Patient roomed in ED</b>	To room RAT CHAIR	Catarina FIGUEIREDO CAMEIRA
23:10:25	<b>Patient assigned room in ED</b>		Catarina FIGUEIREDO CAMEIRA
23:12	<b>Travel and Exposure Screening</b>	<b>Travel Exposure Screen</b> Current temperature >37.5 or history of fever in the last 24 hours?: No Travel overseas in the last 14 days?: No Have you had contact with someone who has a confirmed infection?: No	Ruksana Ruby BEGUM, RN
23:12	<b>Custom Formula Data</b>	<b>Other flowsheet entries</b> Summary of VHF Risk Assessment: VHF Unlikely	Ruksana Ruby BEGUM, RN

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**ED Care Timeline (continued)**

23:12:43

**ED Notes**

ED RAT (Rapid assessment and treatment)  
 Handover note

Ruksana Ruby  
 BEGUM, RN

LAS	<input checked="" type="checkbox"/>	Other ambulance	<input type="checkbox"/>	Clinic	<input type="checkbox"/>	Police	<input type="checkbox"/>
CA	5756	Service		Service		Service	
D							
C/S						Shoulder	

**Presenting Complaint**

No reason for attendance on file.

**History**

25 y.o. female

Cycling at 17:00- and then lay in sun for a few hrs.

Now c/o headache, frontal and generalised. nil thunder clap, nil neck stiffness/photophobia

eating and drinking as normal  
 After headache sick and vomit.

Anti emetic with with las has completely resolved symptoms

FAST -VE.

Able to tolerate food and fluid

**Medications within last 6 hours**

4mg iv odansetron given at 22:50

**Allergies**

Not on File

nkda

**Past Medical History**

There is no problem list on file for this patient.

hayfever  
 eczema

**Regular Medications**

No current hospital/clinic-administered medication for this encounter.  
 No current outpatient medication on file.

**Travel History**

nil

**Pre-hospital Vital Signs**

RR	20 rpm	Sats	100%
HR	91 bpm	BP	105/67 mmHg

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**ED Care Timeline (continued)**

GCS	15/15	BM	5.5 mmol/L
Temperature	36.6 C		
Pain score	0/10		

23:13:24	<b>Patient transferred</b>	From room RAT CHAIR to room RAT 02	Bryan SUMAYAO
23:13:24	<b>Patient transferred</b>		Bryan SUMAYAO
23:15:12	<b>Allergies Reviewed</b>		Bryan SUMAYAO
23:18	<b>Triage Complete</b>		Ruksana Ruby BEGUM, RN
23:18	<b>Triage Completed</b>		Ruksana Ruby BEGUM, RN
23:18	<b>Adult Triage Complete</b>		Ruksana Ruby BEGUM, RN
23:18	<b>Manchester Triage</b>	<b>Manchester Triage</b> Complaint: Headache Calculated Acuity: Green Acuity Calculated?: Yes <b>Headache</b> Green: Recent problem <b>Streaming Locations</b> ED Destination: UTC <b>Acuity</b> Calculated Acuity: Green ED Destination: UTC Acuity Calculated?: Yes Triage Complete: Triage complete Acuity: Green <b>Observations</b> Subjective pain score: Nil Objective pain score: Nil	Ruksana Ruby BEGUM, RN
23:18:37	<b>Triage Started</b>		Ruksana Ruby BEGUM, RN
23:18:51	<b>Green Acuity Selected</b>		Ruksana Ruby BEGUM, RN
23:19	<b>Vitals Assessment</b>		Bryan SUMAYAO
23:19	<b>Adult Vital Reassess</b>		Bryan SUMAYAO
23:19	<b>Vitals Reassessment</b>	<b>Vitals Timer</b> Restart Vitals Timer: Yes	Bryan SUMAYAO
23:19	<b>Pain Assessment</b>	<b>Pain Assessment Timer</b> Restart Pain Assessment Timer: Yes	Bryan SUMAYAO

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**ED Care Timeline (continued)**

23:19	<b>Vital Signs</b>	<b>Vital Signs</b> Respiration rate: 15 Oxygen Saturation: 100 % Room Air or Oxygen: Room air Pulse Oximetry Type: Intermittent Blood Pressure: 119/69 Blood pressure location: Right arm Blood pressure method: Automatic Blood pressure patient position: Sitting Pulse: 83 Pulse source: Sats probe; Monitor Level of consciousness: Alert Temperature: 36.2 °C (97.2 °F) Temp src: Tympanic <b>NEWS Scoring</b> NEWS score (SpO2 scale 1): 0 How does the patient feel?: the same <b>Pain Assessment</b> Pain Scale: Verbal Pain Scale (0-4) Verbal pain scale at rest: Mild Verbal pain scale on movement: Mild Pain Type: Acute pain Pain Location: Head Add additional pain details?: No Nausea or vomiting? : None <b>Additional Pain Details</b> Pain Type: Acute pain Pain Location: Head <b>Verbal Pain Score 0-4 Scale</b> Verbal pain scale at rest: Mild Verbal pain scale on movement: Mild <b>Nausea Score</b> Nausea or vomiting? : None Nausea score: Symptom absent <b>Glasgow Coma Scale (adults)</b> Eye Opening: Spontaneous Best Verbal Response: Oriented Best Motor Response: Obeys commands Glasgow Coma Scale Score: 15 <b>Pain Assessment</b> Verbal pain scale at rest: Mild Pain Type: Acute pain Pain Location: Head <b>Height and Weight</b> BMI Amputation Adjustment: No <b>Other flowsheet entries</b> Patient Activity: At rest	Bryan SUMAYAO
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23:19	<b>Custom Formula Data</b>	<b>MOWS</b> Total Red Scores: 0 Total Yellow Scores: 0 <b>Relevant Labs and Vitals</b> Temp (in Celsius): 36.2	Bryan SUMAYAO
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23:21:33	<b>Chief Complaint Filed</b>		Marta Sofia FRADE, RN
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23:21:33	<b>Attendance Reasons Updated</b>	<b>Heat Exposure</b>	Marta Sofia FRADE, RN
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23:29:07	<b>Patient transferred</b>	From room RAT 02 to room UTC TREATMENT ZONE	Ruksana Ruby BEGUM, RN
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23:29:07	<b>Patient transferred</b>		Ruksana Ruby BEGUM, RN
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18/7/2021	Event	Details	User
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**ED Care Timeline (continued)**

00:00	<b>Peripheral IV 18/07/21 Anterior;Distal;Right Forearm Placed</b>	Removal Date/Time: 19/07/21 12:07 Placement Date: 18/07/21 Orientation: Anterior;Distal;Right Location: Forearm Size Colour: 20G/Pink Indication: IV Fluids	Ainen DEMAVIVAS
00:00	<b>Peripheral IV 18/07/21 Left Antecubital Placed</b>	Removal Date/Time: 21/07/21 13:15 Placement Date: 18/07/21 Orientation: Left Location: Antecubital Size Colour: 20G/Pink Indication: IV Fluids Name of dressing applied: Semipermeable dressing	Ainen DEMAVIVAS
00:09:45	<b>Orders Placed</b>	POCT Venous Blood Gas	Mahmood SOOMRO, Specialty Grade Doctor of Emergency Medicine
00:19:16	<b>Orders Acknowledged</b>	New - POCT Venous Blood Gas	Samira DAHIR
00:23:10	<b>Assign Attending Clinician</b>	Omair RAJA assigned as Attending Clinician	Omair RAJA
00:33:08	<b>POCT VENOUS BLOOD GAS Resulted</b>	<b>Abnormal Result</b> Collected: <b>18/7/2021 00:33</b> Last updated: <b>18/7/2021 00:32</b> Status: <b>Final result</b> Source: <b>Venous</b> pH: <b>7.514</b> ^ (Value above reference range) Carbon Dioxide partial pressure: <b>3.33 kPa</b> v (Value below reference range) Oxygen partial pressure: <b>10.9 kPa</b> Potassium: <b>3.4 mmol/l</b> v (Value below reference range) Sodium: <b>129 mmol/l</b> v (Value below reference range) Ionised Calcium: <b>1.10 mmol/l</b> v (Value below reference range) Chloride: <b>97 mmol/l</b> v (Value below reference range) Glucose: <b>6.3 mmol/l</b> ^ (Value above reference range) Lactate: <b>2.7 mmol/l</b> ^ (Value above reference range) Urea: <b>3.5 mmol/l</b> Total Haemoglobin: <b>133 g/l</b> Deoxyhaemoglobin: <b>3.9 %</b> Oxyhaemoglobin: <b>94.7 %</b> v (Value below reference range) Saturated Oxygen: <b>96.0 %</b> Carboxyhaemoglobin: <b>0.3 %</b> v (Value below reference range) Methaemoglobin: <b>1.1 %</b> Fraction of Inspired Oxygen: <b>21.0 %</b> Standard Base Excess: <b>-2.9 mmol/l</b> Standard Bicarbonate: <b>23.2 mmol/l</b> Haematocrit: <b>40.8 %</b> Oxygen tension at 50% saturation: <b>3.50 kPa</b> Oxygen content: <b>7.9 mmol/l</b>	Interface, Aqure Results In
00:33:08	<b>POCT VENOUS BLOOD GAS Resulted (Edited)</b>	<b>Abnormal Result</b> Collected: <b>18/7/2021 00:33</b> Last updated: <b>18/7/2021 00:32</b> Status: <b>Edited Result - FINAL</b> Source: <b>Venous</b> pH: <b>7.514</b> ^ (Value above reference range) Carbon Dioxide partial pressure: <b>3.33 kPa</b> v (Value below reference range) Oxygen partial pressure: <b>10.9 kPa</b> Potassium: <b>3.4 mmol/l</b> v (Value below reference range) Sodium: <b>129 mmol/l</b> v (Value below reference range) Ionised Calcium: <b>1.10 mmol/l</b> v (Value below reference range) Chloride: <b>97 mmol/l</b> v (Value below reference range) Glucose: <b>6.3 mmol/l</b> ^ (Value above reference range) Lactate: <b>2.7 mmol/l</b> ^ (Value above reference range) Urea: <b>3.5 mmol/l</b> Total Haemoglobin: <b>133 g/l</b> Deoxyhaemoglobin: <b>3.9 %</b> Oxyhaemoglobin: <b>94.7 %</b> v (Value below reference range) Saturated Oxygen: <b>96.0 %</b> Carboxyhaemoglobin: <b>0.3 %</b> v (Value below reference range) Methaemoglobin: <b>1.1 %</b> Fraction of Inspired Oxygen: <b>21.0 %</b> Standard Base Excess: <b>-2.9 mmol/l</b> Standard Bicarbonate: <b>23.2 mmol/l</b> Haematocrit: <b>40.8 %</b> Oxygen tension at 50% saturation: <b>3.50 kPa</b> Oxygen content: <b>7.9 mmol/l</b>	Interface, Aqure Results In

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**ED Care Timeline (continued)**

00:33:08	<b>POCT VENOUS BLOOD GAS Resulted (Edited)</b>	<b>Abnormal Result</b> Collected: <b>18/7/2021 00:33</b> Last updated: <b>18/7/2021 00:32</b> Status: <b>Edited Result - FINAL</b> Source: <b>Venous</b> pH: <b>7.514</b> ^ (Value above reference range) Carbon Dioxide partial pressure: <b>3.33 kPa</b> v (Value below reference range) Oxygen partial pressure: <b>10.9 kPa</b> Total Haemoglobin: <b>133 g/l</b> Saturated Oxygen: <b>96.0 %</b> Oxyhaemoglobin: <b>94.7 %</b> v (Value below reference range) Carboxyhaemoglobin: <b>0.3 %</b> v (Value below reference range) Methaemoglobin: <b>1.1 %</b> Deoxyhaemoglobin: <b>3.9 %</b> Potassium: <b>3.4 mmol/l</b> v (Value below reference range) Sodium: <b>129 mmol/l</b> v (Value below reference range) Ionised Calcium: <b>1.10 mmol/l</b> v (Value below reference range) Chloride: <b>97 mmol/l</b> v (Value below reference range) Glucose: <b>6.3 mmol/l</b> ^ (Value above reference range) Lactate: <b>2.7 mmol/l</b> ^ (Value above reference range) Haematocrit: <b>40.8 %</b> Standard Base Excess: <b>-2.9 mmol/l</b> Standard Bicarbonate: <b>23.2 mmol/l</b> Oxygen tension at 50% saturation: <b>3.50 kPa</b> Oxygen content: <b>7.9 mmol/l</b> Fraction of Inspired Oxygen: <b>21.0 %</b> Urea: <b>3.5 mmol/l</b>	Interface, Aqure Results In
00:33:08	<b>POCT VENOUS BLOOD GAS Resulted (Edited)</b>	<b>Abnormal Result</b> Collected: <b>18/7/2021 00:33</b> Last updated: <b>18/7/2021 00:32</b> Status: <b>Edited Result - FINAL</b> Source: <b>Venous</b> pH: <b>7.514</b> ^ (Value above reference range) Carbon Dioxide partial pressure: <b>3.33 kPa</b> v (Value below reference range) Oxygen partial pressure: <b>10.9 kPa</b> Potassium: <b>3.4 mmol/l</b> v (Value below reference range) Sodium: <b>129 mmol/l</b> v (Value below reference range) Ionised Calcium: <b>1.10 mmol/l</b> v (Value below reference range) Chloride: <b>97 mmol/l</b> v (Value below reference range) Glucose: <b>6.3 mmol/l</b> ^ (Value above reference range) Lactate: <b>2.7 mmol/l</b> ^ (Value above reference range) Urea: <b>3.5 mmol/l</b> Total Haemoglobin: <b>133 g/l</b> Deoxyhaemoglobin: <b>3.9 %</b> Oxyhaemoglobin: <b>94.7 %</b> v (Value below reference range) Saturated Oxygen: <b>96.0 %</b> Carboxyhaemoglobin: <b>0.3 %</b> v (Value below reference range) Methaemoglobin: <b>1.1 %</b> Fraction of Inspired Oxygen: <b>21.0 %</b> Standard Base Excess: <b>-2.9 mmol/l</b> Standard Bicarbonate: <b>23.2 mmol/l</b> Haematocrit: <b>40.8 %</b> Oxygen tension at 50% saturation: <b>3.50 kPa</b> Oxygen content: <b>7.9 mmol/l</b>	Interface, Aqure Results In
00:33:08	<b>POCT VENOUS BLOOD GAS Resulted (Edited)</b>	<b>Abnormal Result</b> Collected: <b>18/7/2021 00:33</b> Last updated: <b>18/7/2021 00:32</b> Status: <b>Edited Result - FINAL</b> Source: <b>Venous</b> pH: <b>7.514</b> ^ (Value above reference range) Carbon Dioxide partial pressure: <b>3.33 kPa</b> v (Value below reference range) Oxygen partial pressure: <b>10.9 kPa</b> Potassium: <b>3.4 mmol/l</b> v (Value below reference range) Sodium: <b>129 mmol/l</b> v (Value below reference range) Ionised Calcium: <b>1.10 mmol/l</b> v (Value below reference range) Chloride: <b>97 mmol/l</b> v (Value below reference range) Glucose: <b>6.3 mmol/l</b> ^ (Value above reference range) Lactate: <b>2.7 mmol/l</b> ^ (Value above reference range) Urea: <b>3.5 mmol/l</b> Total Haemoglobin: <b>133 g/l</b> Deoxyhaemoglobin: <b>3.9 %</b> Oxyhaemoglobin: <b>94.7 %</b> v (Value below reference range) Saturated Oxygen: <b>96.0 %</b> Carboxyhaemoglobin: <b>0.3 %</b> v (Value below reference range) Methaemoglobin: <b>1.1 %</b> Fraction of Inspired Oxygen: <b>21.0 %</b> Standard Base Excess: <b>-2.9 mmol/l</b> Standard Bicarbonate: <b>23.2 mmol/l</b> Haematocrit: <b>40.8 %</b> Oxygen tension at 50% saturation: <b>3.50 kPa</b> Oxygen content: <b>7.9 mmol/l</b>	Interface, Aqure Results In

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**ED Care Timeline (continued)**

00:33:08	<b>POCT VENOUS BLOOD GAS Resulted (Edited)</b>	<b>Abnormal Result</b> Collected: <b>18/7/2021 00:33</b> Last updated: <b>18/7/2021 00:32</b> Status: <b>Edited Result - FINAL</b> Source: <b>Venous</b> pH: <b>7.514</b> ^ (Value above reference range) Carbon Dioxide partial pressure: <b>3.33 kPa</b> v (Value below reference range) Oxygen partial pressure: <b>10.9 kPa</b> Potassium: <b>3.4 mmol/l</b> v (Value below reference range) Sodium: <b>129 mmol/l</b> v (Value below reference range) Ionised Calcium: <b>1.10 mmol/l</b> v (Value below reference range) Chloride: <b>97 mmol/l</b> v (Value below reference range) Glucose: <b>6.3 mmol/l</b> ^ (Value above reference range) Lactate: <b>2.7 mmol/l</b> ^ (Value above reference range) Urea: <b>3.5 mmol/l</b> Total Haemoglobin: <b>133 g/l</b> Deoxyhaemoglobin: <b>3.9 %</b> Oxyhaemoglobin: <b>94.7 %</b> v (Value below reference range) Saturated Oxygen: <b>96.0 %</b> Carboxyhaemoglobin: <b>0.3 %</b> v (Value below reference range) Methaemoglobin: <b>1.1 %</b> Fraction of Inspired Oxygen: <b>21.0 %</b> Standard Base Excess: <b>-2.9 mmol/l</b> Standard Bicarbonate: <b>23.2 mmol/l</b> Haematocrit: <b>40.8 %</b> Oxygen tension at 50% saturation: <b>3.50 kPa</b> Oxygen content: <b>7.9 mmol/l</b>	Interface, Aqure Results In
00:38:17	<b>Patient transferred</b>	From room UTC TREATMENT ZONE to room MAJ-CHAIR	Ruksana Ruby BEGUM, RN
00:38:17	<b>Patient transferred</b>		Ruksana Ruby BEGUM, RN
00:40	<b>Remove Attending Clinician</b>	Omair RAJA removed as Attending Clinician	Ruksana Ruby BEGUM, RN
00:41:01	<b>Patient transferred</b>	From room MAJ-CHAIR to room NON COVID MAJORS 01	Ruksana Ruby BEGUM, RN
00:41:01	<b>Patient transferred</b>		Ruksana Ruby BEGUM, RN
00:52	<b>Waterlow Assessment</b>	<b>Waterlow Pressure Ulcer Risk Assessment</b> Gender: 2 - Female Age: 1 - Age 14-49 Build: 0 - BMI 20-24.9 Visual Assessment of At Risk Skin Area: 0 - Healthy Mobility: 0 - Fully Continence:: 0 - Continent / Catheterised Tissue Malnutrition: 0 - None of the above Appetite: 0 - Average Neurological Deficit: 0 - None of the above Major Surgery or Trauma: 0 - None of the above Medication: 0 - N/A Waterlow Score: 3	SEREDNURSE1 012
00:52	<b>Custom Formula Data</b>	<b>Other flowsheet entries</b> Waterlow Score (Background): 3	SEREDNURSE1 012
00:52	<b>ED Falls Risk Assessment</b>	<b>Fall in ED</b> Patient fell in ED or in the hospital: No (please comment) <b>Falls Risk Factors</b> History of Falls: None Mobility / Gait / Footwear Risk Factors: None Has the patient been admitted after a fall AND is on any of the following medication: anti-psychotics, benzodiazepines, sedative-hypnotics, opioid analgesics or anti-depressants?: No	SEREDNURSE1 012
01:00	<b>Medication Given</b>	compound sodium lactate (Hartmann's) infusion (by volume) 1,000 mL - Dose: <b>1,000 mL</b> ; Rate: <b>2,000 mL/hr</b> ; Route: <b>Intravenous</b> ; Scheduled Time: <b>01:10</b>	SEREDNURSE1 012
01:00	<b>Medication Given</b>	metoclopramide injection 10 mg - Dose: <b>10 mg</b> ; Route: <b>Intravenous</b> ; Scheduled Time: <b>01:10</b>	SEREDNURSE1 012
01:00:16	<b>Assign Mid-level</b>	Zoe VEARY assigned as Registrar	Zoe VEARY
01:00:16	<b>Assign Physician</b>		Zoe VEARY

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**ED Care Timeline (continued)**

01:09:23	<b>Orders Placed</b>	compound sodium lactate (Hartmann's) infusion (by volume) 1,000 mL ; metoclopramide injection 10 mg	Zoe VEARY
01:09:54	<b>Orders Acknowledged</b>	New - compound sodium lactate (Hartmann's) infusion (by volume) 1,000 mL ; metoclopramide injection 10 mg	SEREDNURSE1012
01:20:17	<b>Orders Placed</b>	FBC and Differential ; RENAL PROFILE (WITHOUT UREA) ; CRP ; Paracetamol Level ; Salicylate Level ; Bone Profile ; POCT Venous Blood Gas - includes POCT Urea/Creatinine ; Coagulation Screen (Without Fibrinogen) ; Ethanol	Zoe VEARY
01:35	<b>Specimens Collected</b>	FBC and Differential - ID: <b>23U236337</b> Type: <b>Blood</b> RENAL PROFILE (WITHOUT UREA) - ID: <b>23U236338</b> Type: <b>Blood</b> CRP - ID: <b>23U236338</b> Type: <b>Blood</b> Paracetamol Level - ID: <b>23U236338</b> Type: <b>Blood</b> Salicylate Level - ID: <b>23U236338</b> Type: <b>Blood</b> Bone Profile - ID: <b>23U236338</b> Type: <b>Blood</b> Coagulation Screen (Without Fibrinogen) - ID: <b>23U236339</b> Type: <b>Blood</b> Ethanol - ID: <b>23U236340</b> Type: <b>Blood</b>	SEREDNURSE1012
01:36:05	<b>Orders Acknowledged</b>	New - FBC and Differential ; RENAL PROFILE (WITHOUT UREA) ; CRP ; Paracetamol Level ; Salicylate Level ; Bone Profile ; POCT Venous Blood Gas - includes POCT Urea/Creatinine ; Coagulation Screen (Without Fibrinogen) ; Ethanol	SEREDNURSE1012
01:46	<b>ED Clinician Notes</b>	Note originally filed at this time	Zoe VEARY
01:49	<b>Vitals Assessment</b>		SEREDNURSE1012
01:49	<b>Adult Vital Reassess</b>		SEREDNURSE1012
01:49	<b>Vitals Reassessment</b>	<b>Vitals Timer</b> Restart Vitals Timer: Yes	SEREDNURSE1012

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**ED Care Timeline (continued)**

01:49	<b>Vital Signs</b>	<p><b>Vital Signs</b>          Respiration rate: 18          Oxygen Saturation: 100 %          Room Air or Oxygen: Room air          Blood Pressure: 105/57          Blood pressure location: Right arm          Blood pressure method: Automatic          Blood pressure patient position: Lying on back          Pulse: 99          Pulse source: Sats probe          Level of consciousness: <b>Responds to voice !</b>          Temperature: 36.7 °C (98.1 °F)          Temp src: Tympanic</p> <p><b>NEWS Scoring</b>          NEWS score (SpO2 scale 1): 5</p> <p><b>Pain Assessment</b>          Pain Scale: Abbey Pain Score          Nausea or vomiting? : Vomiting</p> <p><b>Abbey Pain Scale</b>          Vocalisation: Absent          Facial expression: Moderate          Changes in body language: Severe          Behavioural change: Severe          Physiological change: Mild          Physical change: Moderate          ABBEY PAIN SCORE: 11</p> <p><b>Nausea Score</b>          Nausea or vomiting? : Vomiting</p> <p><b>Glasgow Coma Scale (adults)</b>          Eye Opening: To sound          Best Verbal Response: Words          Best Motor Response: Localises to pain          Glasgow Coma Scale Score: 11</p> <p><b>Pupil assessment</b>          R Pupil Size (mm): 3          R Pupil Reaction: Brisk          L Pupil Size (mm): 3          L Pupil Reaction: Brisk</p>	SEREDNURSE1 012
01:49	<b>Custom Formula Data</b>	<p><b>MEOVS</b>          Total Red Scores: 0          Total Yellow Scores: 0</p> <p><b>Relevant Labs and Vitals</b>          Temp (in Celsius): 36.7</p>	SEREDNURSE1 012
02:03:31	<b>POCT VENOUS BLOOD GAS Resulted</b>	<p><b>Abnormal Result Collected: 18/7/2021 02:03</b> Last updated: <b>18/7/2021 02:02</b> Status: <b>Final result</b> Source: <b>Venous</b> pH: <b>7.435</b> Carbon Dioxide partial pressure: <b>4.32 kPa</b> (Value below reference range) Oxygen partial pressure: <b>5.68 kPa</b> (Value below reference range) Potassium: <b>3.7 mmol/l</b> Sodium: <b>129 mmol/l</b> (Value below reference range) Ionised Calcium: <b>1.11 mmol/l</b> (Value below reference range) Chloride: <b>97 mmol/l</b> (Value below reference range) Glucose: <b>6.6 mmol/l</b> (Value above reference range) Lactate: <b>2.3 mmol/l</b> (Value above reference range) Urea: <b>3.6 mmol/l</b> Total Haemoglobin: <b>128 g/l</b> Deoxyhaemoglobin: <b>19.0 %</b> (Value above reference range) Oxyhaemoglobin: <b>79.5 %</b> (Value below reference range) Saturated Oxygen: <b>80.7 %</b> Carboxyhaemoglobin: <b>0.5 %</b> Methaemoglobin: <b>1.0 %</b> Fraction of Inspired Oxygen: <b>21.0 %</b> Standard Base Excess: <b>-2.5 mmol/l</b> Standard Bicarbonate: <b>22.6 mmol/l</b> Haematocrit: <b>39.3 %</b> Oxygen tension at 50% saturation: <b>3.36 kPa</b> Oxygen content: <b>6.4 mmol/l</b></p>	Interface, Aqure Results In
02:05:17	<b>Orders Placed</b>	ondansetron injection 4 mg	Zoe VEARY

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**ED Care Timeline (continued)**

02:12	<b>Medication Not Given</b>	ondansetron injection 4 mg - Dose: <b>4 mg</b> ; Route: <b>Intravenous</b> ; Reason: <b>Other</b> ; Scheduled Time: <b>02:10</b> ; Comment: <b>nausea/vomiting resolved with Metoclopramide 10 mgs Ondansetron 4 mgs</b>	SEREDNURSE1 012
02:12	<b>Vital Signs</b>	<b>Pain Assessment</b> Nausea or vomiting? : None <b>Nausea Score</b> Nausea or vomiting? : None	SEREDNURSE1 012
02:12:09	<b>Orders Acknowledged</b>	New - ondansetron injection 4 mg	SEREDNURSE1 012
02:13:21	<b>ED Notes</b>	Cleansed from vomite, dried, covered with sheets as undergarments are exposed from being restless. Made comfortable	SEREDNURSE1 012
02:15	<b>FBC and Differential Resulted</b>	<b>Abnormal Result Collected: 18/7/2021 01:35</b> Last updated: <b>18/7/2021 02:17</b> Status: <b>Final result</b> White cell count: <b>8.10 x10<sup>9</sup>/L</b> [Ref Range: 3.0 - 10.0] Red cell count: <b>4.22 x10<sup>12</sup>/L</b> [Ref Range: 3.95 - 5.15] Haemoglobin (g/L): <b>126 g/L</b> [Ref Range: 115 - 155] HCT: <b>0.363 L/L</b> [Ref Range: 0.33 - 0.45] MCV: <b>86.0 fL</b> [Ref Range: 80 - 99] MCH: <b>29.9 pg</b> [Ref Range: 27.0 - 33.5] MCHC (g/L): <b>347 g/L</b> [Ref Range: 320 - 360] RDW: <b>10.9 %</b> [Ref Range: 11.5 - 15.0] Platelet count: <b>195 x10<sup>9</sup>/L</b> [Ref Range: 150 - 400] MPV: <b>9.2 fL</b> [Ref Range: 7 - 13] Neutrophils: <b>6.98 x10<sup>9</sup>/L</b> [Ref Range: 2.0 - 7.5] Lymphocytes: <b>0.68 x10<sup>9</sup>/L</b> [Ref Range: 1.2 - 3.65] Monocytes: <b>0.39 x10<sup>9</sup>/L</b> [Ref Range: 0.2 - 1.0] Eosinophils: <b>0.02 x10<sup>9</sup>/L</b> [Ref Range: 0.0 - 0.4] Basophils: <b>0.03 x10<sup>9</sup>/L</b> [Ref Range: 0.0 - 0.1] XE Nucleated RBCs abs: <b>0.00 x10<sup>9</sup>/L</b> [Ref Range: 0 - 0.01] XE Nucleated RBCs %: <b>0.0</b>	Interface, Winpath Lab Results In
02:16	<b>Medication Given</b>	compound sodium lactate (Hartmann's) infusion (by volume) 1,000 mL - Dose: <b>1,000 mL</b> ; Rate: <b>500 mL/hr</b> ; Route: <b>Intravenous</b> ; Scheduled Time: <b>02:20</b>	SEREDNURSE1 012
02:16	<b>Data</b>	<b>compound sodium lactate (Hartmann's) infusion (by volume) 1,000 mL</b> Volume (mL): 1000 mL	SEREDNURSE1 012
02:16:16	<b>Orders Placed</b>	compound sodium lactate (Hartmann's) infusion (by volume) 1,000 mL	Zoe VEARY
02:17:23	<b>Collect FBC and Differential Discontinued</b>	FBC and Differential	Interface, Winpath Lab Results In
02:18	<b>Patient Property</b>	<b>Patient Property Sent to Safe</b> Property Sent to Safe: Electronic devices Patient Electronics: Mobile phone	SEREDNURSE1 012
02:19	<b>Patient Property</b>	<b>Patient Property at Bedside</b> Property at Bedside: None <b>Patient Property Sent Home on Admission</b> Property Sent Home: None <b>Patient Property Sent to Safe</b> Property Sent to Safe: Electronic devices Patient Electronics: Mobile phone <b>Patient Medications</b> Medications brought by patient?: No	SEREDNURSE1 012
02:25:32	<b>Orders Completed</b>	POCT Venous Blood Gas	SEREDNURSE1 012
02:25:32	<b>POCT Venous Blood Gas Completed</b>	POCT Venous Blood Gas	SEREDNURSE1 012
02:25:34	<b>Orders Completed</b>	POCT Venous Blood Gas - includes POCT Urea/Creatinine	SEREDNURSE1 012

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**ED Care Timeline (continued)**

02:25:34	<b>POCT Venous Blood Gas - includes POCT Urea/Creatinine Completed</b>	POCT Venous Blood Gas - includes POCT Urea/Creatinine	SEREDNURSE1 012
02:31	<b>Coagulation Screen (Without Fibrinogen) Resulted</b>	<b>Abnormal Result</b> Collected: <b>18/7/2021 01:35</b> Last updated: <b>18/7/2021 02:32</b> Status: <b>Final result</b> Prothrombin Time: <b>12.4 secs</b> ^ [Ref Range: 10.0 - 12.0] INR: <b>1.14</b> APTT: <b>27 secs</b> [Ref Range: 25 - 37] APTT Ratio: <b>0.9</b> [Ref Range: 0.8 - 1.2]	Interface, Winpath Lab Results In
02:32	<b>RENAL PROFILE (WITHOUT UREA) Resulted (Edited)</b>	<b>Abnormal Result</b> Collected: <b>18/7/2021 01:35</b> Last updated: <b>18/7/2021 16:29</b> Status: <b>Edited Result - FINAL</b> Sodium: <b>128 mmol/L</b> v [Ref Range: 135 - 145] Potassium: <b>3.8 mmol/L</b> [Ref Range: 3.5 - 5.1] Creatinine: <b>57 umol/L</b> [Ref Range: 49 - 92] Estimated GFR: <b>&gt;90</b> . (Units: mL/min/1.73sqm Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: <a href="http://www.renal.org/information-resources">www.renal.org/information-resources</a> Use with caution for adjusting drug dosages - contact clinical pharmacist for advice. )	Interface, Winpath Lab Results In
02:32	<b>CRP Resulted (Edited)</b>	Collected: <b>18/7/2021 01:35</b> Last updated: <b>18/7/2021 16:29</b> Status: <b>Edited Result - FINAL</b> C-reactive protein: <b>0.6 mg/L</b> [Ref Range: 0 - 5.0]	Interface, Winpath Lab Results In
02:32	<b>Salicylate Level Resulted (Edited)</b>	Collected: <b>18/7/2021 01:35</b> Last updated: <b>18/7/2021 16:29</b> Status: <b>Edited Result - FINAL</b> Salicylate: <b>Not Detected mg/L</b>	Interface, Winpath Lab Results In
02:32	<b>Bone Profile Resulted (Edited)</b>	<b>Abnormal Result</b> Collected: <b>18/7/2021 01:35</b> Last updated: <b>18/7/2021 16:29</b> Status: <b>Edited Result - FINAL</b> Alkaline phosphatase: <b>46 IU/L</b> [Ref Range: 35 - 104] Albumin: <b>47 g/L</b> [Ref Range: 34 - 50] Calcium: <b>2.26 mmol/L</b> [Ref Range: 2.20 - 2.60] Calcium (albumin-adjusted): <b>2.23 mmol/L</b> [Ref Range: 2.20 - 2.60] Phosphate: <b>0.81 mmol/L</b> v [Ref Range: 0.87 - 1.45]	Interface, Winpath Lab Results In
02:32:46	<b>Collect Coagulation Screen (Without Fibrinogen) Discontinued</b>	Coagulation Screen (Without Fibrinogen)	Interface, Winpath Lab Results In
02:47	<b>Paracetamol Level Resulted (Edited)</b>	Collected: <b>18/7/2021 01:35</b> Last updated: <b>18/7/2021 16:29</b> Status: <b>Edited Result - FINAL</b> Paracetamol: <b>Not Detected mg/L</b>	Interface, Winpath Lab Results In
02:47	<b>Ethanol Resulted</b>	Collected: <b>18/7/2021 01:35</b> Last updated: <b>18/7/2021 03:11</b> Status: <b>Final result</b> Ethanol: <b>&lt;100 mg/L</b> [Ref Range: <100] (For guidance the driving limit is <800 mg/L)	Interface, Winpath Lab Results In
02:47:59	<b>Collect Bone Profile Discontinued</b>	Bone Profile	Interface, Winpath Lab Results In
02:47:59	<b>Collect CRP Discontinued</b>	CRP	Interface, Winpath Lab Results In
02:47:59	<b>Collect Paracetamol Level Discontinued</b>	Paracetamol Level	Interface, Winpath Lab Results In
02:47:59	<b>Collect RENAL PROFILE (WITHOUT UREA) Discontinued</b>	RENAL PROFILE (WITHOUT UREA)	Interface, Winpath Lab Results In
02:47:59	<b>Collect Salicylate Level Discontinued</b>	Salicylate Level	Interface, Winpath Lab Results In
03:10:27	<b>Orders Placed</b>	Acute Medicine - Inpatient consult	Zoe VEARY

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**ED Care Timeline (continued)**

03:10:35	<b>Medicine Consult Ordered</b>	Acute Medicine - Inpatient consult - [131981655]	Zoe VEARY
03:10:35	<b>Medicine Consult Called</b>	Acute Medicine - Inpatient consult - [131981655]	Zoe VEARY
03:11:04	<b>Collect Ethanol Discontinued</b>	Ethanol	Interface, Winpath Lab Results In
03:12:31	<b>Orders Acknowledged</b>	New - compound sodium lactate (Hartmann's) infusion (by volume) 1,000 mL ; Acute Medicine - Inpatient consult	Jesjohn Vladimir GO, RN
03:14	<b>Medication Given</b>	ondansetron injection 4 mg - Dose: <b>4 mg</b> ; Route: <b>Intravenous</b> ; Scheduled Time: <b>03:14</b> ; Comment: <b>vomited now; checked with April W</b>	SEREDNURSE1 012
03:15	<b>Vital Signs</b>	<b>Pain Assessment</b> Nausea or vomiting? : None <b>Nausea Score</b> Nausea or vomiting? : None	SEREDNURSE1 012
03:16:57	<b>ED Clinician Notes Addendum</b>	Addendum filed at this time	Zoe VEARY
03:17	<b>Specimens Collected</b>	Rapid COVID-19 PCR (restricted use) - ID: <b>23U236432</b> Type: <b>Swab</b>	SEREDNURSE1 012
03:17:32	<b>Orders Placed</b>	Rapid COVID-19 PCR (restricted use)	SEREDNURSE1 012
03:17:46	<b>Orders Acknowledged</b>	New - Rapid COVID-19 PCR (restricted use)	SEREDNURSE1 012
03:20	<b>Patient arrived in ED</b>		Fabiola SEVILLA PEREZ
03:20:38	<b>Patient transferred into ED</b>	To room SDEC BY02	Fabiola SEVILLA PEREZ
03:20:38	<b>Patient transferred into ED</b>		Fabiola SEVILLA PEREZ
03:20:38	<b>Patient transferred to SDEC</b>		Fabiola SEVILLA PEREZ
03:24:45	<b>Team Member Assigned</b>	Conor FEELY assigned as Clerking Clinician	Conor FEELY
03:26	<b>Vital Signs</b>	<b>Pain Assessment</b> Nausea or vomiting? : Vomiting <b>Nausea Score</b> Nausea or vomiting? : Vomiting <b>Glasgow Coma Scale (adults)</b> Eye Opening: Spontaneous Best Verbal Response: Oriented Best Motor Response: Obeys commands Glasgow Coma Scale Score: 15	Ainen DEMAVIVAS
03:28	<b>Vitals Assessment</b>		Ainen DEMAVIVAS
03:28	<b>Adult Vital Reassess</b>		Ainen DEMAVIVAS
03:28	<b>Vitals Reassessment</b>	<b>Vitals Timer</b> Restart Vitals Timer: Yes	Ainen DEMAVIVAS
03:28	<b>Pain Assessment</b>	<b>Pain Assessment Timer</b> Restart Pain Assessment Timer: Yes	Ainen DEMAVIVAS

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**ED Care Timeline (continued)**

03:28	<b>Vital Signs</b>	<p><b>Vital Signs</b>          Respiration rate: 19          Oxygen Saturation: 100 %          Room Air or Oxygen: Room air          Blood Pressure: 137/68          Blood pressure location: Right arm          Blood pressure method: Automatic          Blood pressure patient position: Lying on back          Pulse: 103          Pulse source: Sats probe          Level of consciousness: Alert          Temperature: 36.8 °C (98.2 °F)          Temp src: Tympanic</p> <p><b>NEWS Scoring</b>          NEWS score (SpO2 scale 1): 1</p> <p><b>Pain Assessment</b>          Pain Scale: None/denies pain          Verbal pain scale at rest: Nil          Verbal pain scale on movement: Nil          Nausea or vomiting? : None</p> <p><b>Verbal Pain Score 0-4 Scale</b>          Verbal pain scale at rest: Nil          Verbal pain scale on movement: Nil</p> <p><b>Nausea Score</b>          Nausea or vomiting? : None</p> <p><b>Glasgow Coma Scale (adults)</b>          Eye Opening: Spontaneous          Best Verbal Response: Oriented          Best Motor Response: Obeys commands          Glasgow Coma Scale Score: 15</p> <p><b>Pupil assessment</b>          Are pupils equal and reactive? : Yes          R Pupil Size (mm): 3          R Pupil Reaction: Brisk          L Pupil Size (mm): 3          L Pupil Reaction: Brisk</p> <p><b>Limb power assessment</b>          Right upper limb power : Full          Right lower limb power: Full          Left upper limb power: Full          Left lower limb power: Full</p> <p><b>Pain Assessment</b>          Verbal pain scale at rest: Nil</p>	Ainen DEMAVIVAS
03:28	<b>Custom Formula Data</b>	<p><b>MEOWS</b>          Total Red Scores: 0          Total Yellow Scores: 1</p> <p><b>Relevant Labs and Vitals</b>          Temp (in Celsius): 36.8</p>	Ainen DEMAVIVAS
03:30	<b>Creatine Kinase Resulted (Edited)</b>	<p>Collected: <b>18/7/2021 01:35</b> Last updated: <b>18/7/2021 16:29</b> Status: <b>Edited</b>  <b>Result - FINAL</b> Creatine kinase: <b>54 IU/L</b> [Ref Range: 26 - 140]</p>	Interface, Winpath Lab Results In

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**ED Care Timeline (continued)**

03:36:30      **ED Notes**      **SDEC Nursing Notes:**      Ainen  
 DEMAVIVAS

Introduced self to patient.  
 Gained consent to management and care.

Observation done. NEWS Score-1

**Vital signs:**

18/07/21 03:28

BP: 137/68  
 Pulse: 103  
 Resp: 19  
 Temp: 36.8 °C (98.2 °F)  
 SpO2: 100%

A- airway is patent

B- can speak in full sentences  
 Saturating well in room air

C-Normotensive.  
 Capillary refill time is normal

D- Alert and oriented.  
 GCS 15/15  
 Assisted minimally to the toilet as patient is a little unsteady on feet at the moment.  
 Normally independent and mobile.  
 Passed urine freely.

E-Skin is dry and intact.  
 With IV cannula in situ at left hand vein.  
 VIP Score 0.

Awaiting medical review.

03:52:02	<b>Medicine Consult Responded</b>	Acute Medicine - Inpatient consult - [131981655]	Theresa DENMAN
03:52:02	<b>Medicine Consult Update Completed</b>	Acute Medicine - Inpatient consult	Theresa DENMAN
03:56	<b>Time In Department</b>	<b>Time in Department Breach Reason</b> Time in Department > 4h: ED Decision Making	Nicola HUGHES
04:04:42	<b>Orders Placed</b>	compound sodium lactate (Hartmann's) infusion (by volume) 1,000 mL	Conor FEELY
04:14:35	<b>Medicine Consult Complete</b>	Acute Medicine - Inpatient consult - [131981655]	Nicola HUGHES

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**ED Care Timeline (continued)**

04:14:35	<b>Orders Completed</b>	Acute Medicine - Inpatient consult	Nicola HUGHES
04:14:35	<b>Medicine Consult Update Completed</b>	Acute Medicine - Inpatient consult	Nicola HUGHES
04:24	<b>Expected date of discharge (EDD)</b>	<b>Other flowsheet entries</b> Expected Date of Discharge: 20/07/21	Theresa DENMAN
04:24:21	<b>Admit Disposition Selected</b>	ED Disposal set to Admit	Theresa DENMAN
04:24:21	<b>Destination Selected</b>		Theresa DENMAN
04:24:21	<b>Admit Destination Selected</b>		Theresa DENMAN
04:24:21	<b>Orders Placed</b>	Decision To Admit	Theresa DENMAN
04:24:24	<b>Bed Requested</b>	Requested: Acute Medicine	Theresa DENMAN
04:24:24	<b>Bed Request Ready to Plan</b>	Ready to Plan: Acute Medicine	Theresa DENMAN
04:24:24	<b>ED IP Bed Requested</b>	Decision To Admit - [131981662]	Theresa DENMAN
04:24:24	<b>DTA Ordered</b>	Decision To Admit - [131981662]	Theresa DENMAN
04:28	<b>Medication Given</b>	compound sodium lactate (Hartmann's) infusion (by volume) 1,000 mL - Dose: <b>1,000 mL</b> ; Rate: <b>166.7 mL/hr</b> ; Route: <b>Intravenous</b> ; Scheduled Time: <b>04:05</b>	SEREDNURSE1 063
04:28	<b>Intake/Output</b>	<b>Intake</b> P.O.: 150 mL <b>compound sodium lactate (Hartmann's) infusion (by volume) 1,000 mL</b> Pump Volume Infused (mL): 1000 mL	Ainen DEMAVIVAS
04:36:01	<b>IP Bed Assigned</b>	Assigned: UCH T01 AMU - BY07/BY07-36R	Katherine HALL
04:36:01	<b>Hospital bed ready</b>	Bed Ready: UCH T01 AMU - BY07/BY07-36R	Katherine HALL
04:37:56	<b>Orders Placed</b>	Renal Profile (Na, K, Creat)	Conor FEELY
04:49:39	<b>Patient transferred</b>	From room SDEC BY02 to room SDEC OTF	Theresa DENMAN
04:49:39	<b>Patient transferred</b>		Theresa DENMAN
04:55	<b>Patient admitted</b>	To department UCH T01 ACUTE MEDICAL	Mariss MATILLANO, RN
04:55	<b>ED Boarder Patient</b>		Mariss MATILLANO, RN
04:55:20	<b>Orders Completed</b>	Decision To Admit	Mariss MATILLANO, RN
04:55:25	<b>Orders Acknowledged</b>	New - compound sodium lactate (Hartmann's) infusion (by volume) 1,000 mL ; Decision To Admit ; Renal Profile (Na, K, Creat)	Mariss MATILLANO, RN
04:55:39	<b>Charting Complete</b>		Omair RAJA
04:56	<b>Vitals Assessment</b>		Odette AKASSI
04:56	<b>Vitals Reassessment</b>	<b>Vitals Timer</b> Restart Vitals Timer: Yes	Odette AKASSI
04:56	<b>Pain Assessment</b>	<b>Pain Assessment Timer</b> Restart Pain Assessment Timer: Yes	Odette AKASSI

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**ED Care Timeline (continued)**

04:56	<b>Vital Signs [Cosign Required]</b>	<b>Vital Signs</b> Respiration rate: 18 Oxygen Saturation: 100 % Room Air or Oxygen: Room air Blood Pressure: 112/77 Blood pressure location: Right arm Blood pressure method: Automatic Blood pressure patient position: Lying on back Pulse: 102 Pulse source: Sats probe Level of consciousness: Alert Temperature: 37.5 °C (99.5 °F) Temp src: Tympanic <b>NEWS Scoring</b> NEWS score (SpO2 scale 1): 1 <b>Pain Assessment</b> Pain Scale: None/denies pain Verbal pain scale at rest: Nil Verbal pain scale on movement: Nil Nausea or vomiting? : None <b>Verbal Pain Score 0-4 Scale</b> Verbal pain scale at rest: Nil Verbal pain scale on movement: Nil <b>Nausea Score</b> Nausea or vomiting? : None <b>Pain Assessment</b> Verbal pain scale at rest: Nil	Odette AKASSI
04:56	<b>Custom Formula Data</b>	<b>MEOWS</b> Total Red Scores: 0 Total Yellow Scores: 1 <b>Relevant Labs and Vitals</b> Temp (in Celsius): 37.5	Odette AKASSI
04:56	<b>Vital Signs</b>	<b>Glasgow Coma Scale (adults)</b> Eye Opening: Spontaneous Best Verbal Response: Oriented Best Motor Response: Obeyes commands Glasgow Coma Scale Score: 15	Mariss MATILLANO, RN

22/7/2021	Event	Details	User
14:05:04	<b>Timeout: Sign-in</b>	Verified by Sarah CIECHANOWICZ at 22/07/2021 14:05	Sarah CIECHANOWICZ
16:03:54	<b>Timeout: Time Out</b>	Verified by Evert GUMABAO at 22/07/2021 16:03	Evert GUMABAO
18:26:42	<b>Timeout: Sign-out</b>	Verified by Evert GUMABAO at 22/07/2021 18:26	Evert GUMABAO

**Clinical Notes (group 1 of 4)**

**Consultations**

**Sara POLHILL at 20/7/2021 19:14**

We have agreed that if Gaia has a cardiac arrest as a result of an electrical arrhythmia - which is reversible - we would provide an electric shock (DC cardioversion), however - if she has an non shockable rhythm we would not resuscitate her.

The family would like to be present or immediately with her is she arrests or is having any form of resuscitation.

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 1 of 4) (continued)**

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I have explained that we may have a provisional report tonight - but because we need a specialist neuro-radiology opinion we will not have a report until tomorrow. I will phone Gaia's mother as soon as I have that information and have discussed it with Dr Dominic Heaney.

We must keep her electrolytes normal and should start some NG water as her Na is 160 - and we will need this to be normal to enable brain stem testing tomorrow if we have a diagnosis on the MRI.<sup>[SP.1M]</sup>

Electronically signed by Sara POLHILL at 20/7/2021 19:20

**Attribution Key**

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SP.1 - Sara POLHILL on 20/7/2021 19:14

M - Manual

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**Panagiota SCEALES at 21/7/2021 12:55**

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# Form for the Diagnosis of Death using Neurological Criteria

This form is consistent with and should be used in conjunction with, the AoMRC (2008) A Code of Practice for the Diagnosis and Confirmation of Death.

This form reproduces the content endorsed for use by the Faculty of Intensive Care Medicine and Intensive Care Society and which is available via the Faculty of Intensive Care Medicine website in [long version](#) and [short form guidance](#) formats. Short version guidance is reproduced at the end of this note.

For many clinicians the diagnosis and confirmation of death using neurological criteria, will be a relatively infrequent task and may be complicated by uncertainties regarding the nature of the primary diagnosis, irreversibility and the availability of suitably experienced personnel. Updated guidance on the diagnosis and confirmation of death by neurological criteria was published by the Academy of the Medical Royal Colleges in 2008.

[A series of helpful education videos are available:](#)

Patient name: GAIA Inigo YOUNG

Date of birth: 4/3/1996

Unit number: 21365083

NHS number: 601 541 0655

## Evidence for Irreversible Brain Damage of known Aetiology

Diagnostic caution is advised in certain 'Red Flag' patient groups.

Primary Diagnosis:<sup>[SP.1T]</sup>

Severe parenchymal swelling with diffuse cerebral ischaemia and tonsillar herniation with cervico-medullary

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 1 of 4) (continued)**

compression.<sup>[SP.2C]</sup>

The underlying cause of the oedema is uncertain - but the clear tonsillar herniation as a result of raised intracranial pressure has been discussed with Professor Bellingan and both he and Dr Polhill think it is still appropriate to proceed with testing despite the ultimate cause of the raised intra cranial pressure being uncertain.<sup>[SP.2M]</sup>

Also,<sup>[SP.3M]</sup> Dr Heaney the consultant neurologist has stated :<sup>[SP.2M]</sup>

Unfortunately, the radiology supports the view that Gaia has suffered a very severe brain injury from which there is no prospect of survival. In the unlikely circumstance that survival were to occur, based on clinical and other grounds, Gaia would be very likely to be in a persistent vegetative state.

I recommend she proceeds to brain stem testing to make a formal diagnosis of brain death.<sup>[SP.2C]</sup>

In addition - Gaia has been referred to the Coroner - and further information may be available later.<sup>[SP.2M]</sup>

Evidence for Irreversible Brain Damage of known Aetiology:<sup>[SP.1T]</sup>

The MRI study confirms the presence of severe parenchymal swelling with consequent bilateral uncal, transtentorial and tonsillar herniation with compression of the cervico-medullary junction. The diffusion is diffusely abnormal throughout the cerebral hemispheres with convincing cerebellar infarction<sup>[SP.2C]</sup>,<sup>[SP.2M]</sup>

There is attenuation of the superior sagittal sinus and deep venous system with no flow signal on the MRV study. There is engorgement of the cortical veins. The transverse sinuses and sigmoid sinuses demonstrate loss of the normal flow void with trace enhancement of the left transverse sinus noted.<sup>[SP.2C]</sup>

## Exclusion of Reversible Causes of Coma and Apnoea

	1st test Dr One	1st test Dr Two	2nd test Dr One	2nd test Dr Two
Is the coma due to depressant drugs? Drug Levels (if taken):	NO	NO <sup>[SP.1T]</sup>	No	No <sup>[SP.4M]</sup>
Is the patient's body temperature $\leq 34^{\circ}\text{C}$ ? <sup>[SP.1T]</sup>	No	No <sup>[SP.5M]</sup>	No	No <sup>[SP.4M]</sup>
Is the coma due to a circulatory, metabolic or endocrine disorder?	NO	NO <sup>[SP.1T]</sup>	No	No <sup>[SP.4M]</sup>
Is the apnoea due to neuromuscular blocking agents, other drugs or a non brain-stem cause (eg. cervical injury, any neuromuscular weakness)?	NO	NO <sup>[SP.1T]</sup>	No	No <sup>[SP.4M]</sup>

1st set tests

Serum Na 150, K 3.4, po4 1.3, Mg 0.82, BM 9.4

TOF used to establish no neuromuscular blockade

MAP 94

Paco<sub>2</sub><sup>[SP.2M]</sup> 6.0<sup>[SP.6M]</sup>

PH<sup>[SP.2M]</sup> 7.36<sup>[SP.6M]</sup>

Pao<sub>2</sub><sup>[SP.2M]</sup> 52

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 1 of 4) (continued)**

Ears examined - Drum visualised on right and left Dr 1 (PS) left and right Dr 2 (SP)<sup>[SP.6M]</sup>

2nd set tests

Serum Na<sup>[SP.2M]</sup> 149<sup>[SP.7M]</sup> K<sup>[SP.2M]</sup> 4.4<sup>[SP.7M]</sup> P04<sup>[SP.2M]</sup> 1.3<sup>[SP.8M]</sup> MG<sup>[SP.2M]</sup> 0.82<sup>[SP.8M]</sup> BM<sup>[SP.2M]</sup> 7.6<sup>[SP.7M]</sup>

TOF used to establish no neuromuscular blockade

MAP<sup>[SP.2M]</sup> 90<sup>[SP.8M]</sup>

Paco2<sup>[SP.2M]</sup> 5.5<sup>[SP.7M]</sup>

PH<sup>[SP.2M]</sup> 7.35<sup>[SP.7M]</sup>

Pao2<sup>[SP.2M]</sup> 61<sup>[SP.7M]</sup>

Ears examined - Drum visualised on right and left Dr 1 (PS) left and right Dr 2 (SP)<sup>[SP.6M]</sup>

## Tests for Absence of Brain-Stem Reflexes

	1st test Dr One	1st test Dr Two	2nd test Dr One	2nd test Dr Two
Do the pupils react to light?	NO	NO	NO	NO
Is there any eyelid movement when each cornea is touched in turn?	NO	NO	NO	NO
Is there any motor response when supraorbital pressure is applied?	NO	NO	NO	NO
Is the gag reflex present?	NO	NO	NO	NO
Is the cough reflex present?	NO	NO	NO	NO
Is there any eye movement during or following caloric testing in each ear?	NO	NO	NO	NO

## Apnoea Test

	1st test Dr One	1st test Dr Two	2nd test Dr One	2nd test Dr Two
Arterial Blood Gas pre apnoea test check: (Starting PaCO <sub>2</sub> ≥ 6.0 kPa and starting pH <7.4 or [H <sup>+</sup> ] >40 nmol/L)	1 <sup>st</sup> Test Starting PaCO <sub>2</sub> : <sup>[SP.1T]</sup> 6.0 <sup>[SP.6M]</sup>  Starting <sup>[SP.1T]</sup> pH <sup>[SP.7M]</sup> 7.36 <sup>[SP.6M]</sup>	AGREE	2 <sup>nd</sup> Test Starting PaCO <sub>2</sub> : <sup>[SP.1T]</sup> 6.06 <sup>[SP.7M]</sup>  Starting pH <sup>[SP.1T]</sup> : 7.32 <sup>[SP.7M]</sup>	AGREE
Is there any spontaneous respiration within 5 (five) minutes following disconnection from the ventilator?	NO	NO	NO	NO
Arterial Blood Gas Result post apnoea test: (PaCO <sub>2</sub> rise should rise > 0.5 kPa)	1 <sup>st</sup> Test Final	AGREE:	2 <sup>nd</sup> Test Final	AGREE

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 1 of 4) (continued)**

	1st test Dr One	1st test Dr Two	2nd test Dr One	2nd test Dr Two
	PaCO <sub>2</sub> : <sup>[SP.1T]</sup> 10.3 <sup>[SP.6M]</sup>		PaCO <sub>2</sub> : <sup>[SP.1T]</sup> 9.71 <sup>[SP.7M]</sup>	
	Perform lung recruitment		Perform lung recruitment	

Document any Ancillary Investigations Used to Confirm the Diagnosis or any required Clinical Variance from AoMRC (2008) Guidance

Completion of Diagnosis

Are you satisfied that death has been confirmed following the irreversible cessation of brain-stem-function?	YES	YES
Legal time of death is when the 1 <sup>st</sup> Test indicates death due to the irreversible loss of brain stem function.	Date: <sup>[SP.1T]</sup> 21/07/21 <sup>[SP.7M]</sup> Time: <sup>[SP.1T]</sup> 20:25 <sup>[SP.7M]</sup>	Date: <sup>[SP.1T]</sup> 21/07/21 <sup>[SP.7M]</sup> Time: <sup>[SP.1T]</sup> 2 <sup>[SP.7M]</sup> 1 <sup>[TS.1M]</sup> .2 <sup>[SP.7M]</sup> 1 <sup>[TS.1M]</sup>
Death is confirmed following the 2 <sup>nd</sup> Test.	Dr One Name <sup>[SP.1T]</sup> Panagiota Sceales <sup>[SP.7M]</sup> Grade <sup>[SP.1T]</sup> ST7 <sup>[SP.7M]</sup> GMC Number <sup>[SP.1T]</sup> 7041252 <sup>[SP.7M]</sup> Signature <sup>[SP.1T]</sup> : P Sceales <sup>[SP.7M]</sup>  Dr Two Name <sup>[SP.1T]</sup> Sara Polhill <sup>[SP.7M]</sup> Grade <sup>[SP.1T]</sup> Consultant <sup>[SP.7M]</sup> GMC Number <sup>[SP.1T]</sup> 4318194 <sup>[SP.7M]</sup> Signature <sup>[SP.1T]</sup> Sara Polhill <sup>[SP.7M]</sup>	Dr One Name <sup>[SP.1T]</sup> Panagiota Sceales <sup>[SP.7M]</sup> Grade <sup>[SP.1T]</sup> ST7 <sup>[SP.7M]</sup> GMC Number <sup>[SP.1T]</sup> 7041252 <sup>[SP.7M]</sup> Signature <sup>[SP.1T]</sup> p Sceales <sup>[SP.7M]</sup>  Dr Two Name <sup>[SP.1T]</sup> Sara Polhill <sup>[SP.7M]</sup> Grade <sup>[SP.1T]</sup> Consultant <sup>[SP.7M]</sup> GMC Number <sup>[SP.1T]</sup> 4318194 <sup>[SP.7M]</sup> Signature <sup>[SP.1T]</sup> Sara Polhill <sup>[SP.7M]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 1 of 4) (continued)**

Please complete for reporting purposes:<sup>[SP.1T]</sup> Brainstem Death Confirmed<sup>[SP.7M]</sup>

Additional instructions for use of this form in the electronic health record:

- Doctor one should be logged in when creating this note
- After completion of test one, Doctor One should pend this note
- After completion of test two, Doctor One should select co-sign required and sign note
- Doctor two should log into electronic health record and co-sign note<sup>[SP.1T]</sup>

Dr Sara Polhill 21:29<sup>[SP.9M]</sup>

It remains the duty of the two doctors carrying out the testing to be satisfied with the aetiology, the exclusion of all potentially reversible causes, the clinical tests of brain-stem function and of any ancillary investigations so that each doctor may independently confirm death following irreversible cessation of brain-stem function.

Guidance Summary of the AoMRC Code of Practice

The diagnosis of death by neurological criteria should be made by at least two medical practitioners who have been registered for more than five years and are competent in the conduct and interpretation of brain-stem testing. At least one of the doctors must be a consultant. Testing should be performed completely and successfully on two occasions with both doctors present. It is recommended that one doctor perform the test while the other doctor observe; roles may be reversed for the second test.

**Diagnostic caution is advised in the following 'Red Flag' patient groups.**

(Based on the literature and unpublished case reports.)

1. Testing < 6 hours of the loss of the last brain-stem reflex
2. Testing < 24 hours where aetiology primarily anoxic damage
3. Hypothermia (24 hour observation period following re-warming to normothermia recommended)
4. Patients with any neuromuscular disorders
5. Steroids given in space occupying lesions such as abscesses
6. Prolonged fentanyl infusions
7. Aetiology primarily located to the brain-stem or posterior fossa

Evidence for Irreversible Brain Damage of Known Aetiology

- *There should be no doubt that the patient's condition is due to irreversible brain damage of known aetiology.* Occasionally it may take a period of continued clinical observation and investigation to be confident of the irreversible nature of the prognosis. The timing of the first test and the timing between the two tests should be adequate for the reassurance of all those directly concerned. If in doubt wait and seek advice.

Children (one examining doctor should normally be a paediatrician or should have experience with children **and one of the doctors should not be primarily involved in the child's care**)

- Older than 2 months post term: Tguidance unchanged. Recommended paediatric [form available](#)
- Between thirty seven weeks corrected gestation (post menstrual) age to 2 months of age post term: use

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 1 of 4) (continued)**

the RCPCH Guidance available at <http://www.rcpch.ac.uk>. [Form available](#)

- Infants less than 37 weeks corrected gestation (post menstrual) age: the concept of brain-stem death is inappropriate for infants in this age group.

Drugs

- The patient should not have received any drugs that might be contributing to the unconsciousness, apnoea and loss of brainstem reflexes (narcotics, hypnotics, sedatives or tranquillisers). Where there is any doubt specific drug levels should be carried out (midazolam less than  $< 10\text{mcg/L}$ , thiopentone  $< 5\text{mg/L}$ ). Alternatively consider ancillary investigations.
- There should be no residual effect from any neuromuscular blocking agents (atracurium, vecuronium or suxamethonium), consider the use of peripheral nerve stimulation.
- Renal or hepatic failure may prolong metabolism / excretion of these drugs.

Temperature, Circulatory, Metabolic or Endocrine Disorders

- Prior to testing aim for: temperature  $> 34^{\circ}\text{C}$ , mean arterial pressure consistently  $> 60\text{mmHg}$  (or age appropriate parameters for children) and normal respiratory parameters if possible ( $\text{PaCO}_2 < 6.0\text{ kPa}$ ,  $\text{PaO}_2 > 10\text{ kPa}$  and  $\text{pH } 7.35 - 7.45 / [\text{H}^+] 45-35\text{ nmol/L}$ ).
- Serum  $\text{Na}^+$  should be between  $115-160\text{mmol/L}$ ; Serum  $\text{K}^+$  should be  $> 2\text{mmol/L}$ ; Serum  $\text{PO}_4^{3-}$  and  $\text{Mg}^{2+}$  should not be profoundly elevated ( $> 3.0\text{mmol/L}$ ) or lowered ( $< 0.5\text{mmol/L}$ ) from normal.
- Blood glucose should be between  $3.0-20\text{mmol/L}$  before each brain-stem test.
- If there is any clinical reason to expect endocrine disturbances then it is obligatory to ensure appropriate hormonal assays are undertaken.

Brain Stem Reflexes

- Pupils should be fixed in diameter and unresponsive to light.
- There should be no corneal (blink) reflex (care should be taken to avoid damage to cornea).
- Eye movement should not occur when each ear is instilled, over one minute, with 50mls of ice cold water, head 30°. Each ear drum should be clearly visualised before the test.
- There should be no motor response within the cranial nerve or somatic distribution in response to supraorbital pressure. Reflex limb and trunk movements (spinal reflexes) may still be present.
- There should be no gag reflex following stimulation to the posterior pharynx or cough reflex following suction catheter placed down the trachea to the carina.

Apnoea Test

- End tidal carbon dioxide can be used to guide the starting of each apnoea test but should not replace the pre and post arterial  $\text{paCO}_2$ .
- Oxygenation and cardiovascular stability should be maintained through each apnoea test.
- **Confirm  $\text{PaCO}_2 \geq 6.0\text{ kPa}$  and  $\text{pH} < 7.4 / [\text{H}^+] > 40\text{ nmoles/L}$ .** In patients with chronic  $\text{CO}_2$  retention, or those who have received intravenous bicarbonate, confirm  $\text{PaCO}_2 > 6.5\text{ kPa}$  and the  $\text{pH} < 7.4 / [\text{H}^+] > 40\text{ nmoles/L}$ .
- Either the recommended method CPAP circuit (eg Mapleson C) or disconnect the patient from the ventilator and administer oxygen via a catheter in the trachea at a rate of  $> 6\text{L/minute}$ .
- There should be no spontaneous respiration within a minimum of 5 (five) minutes following disconnection from the ventilator.
- Confirm that the  $\text{PaCO}_2$  has increased from the starting level by more than  $0.5\text{ kPa}$ .

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 1 of 4) (continued)**

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- At the conclusion of the apnoea test, manual recruitment manoeuvres should be carried out before resuming mechanical ventilation and ventilation parameters normalised.

Ancillary Investigations

- Ancillary investigations are NOT required for the diagnosis and confirmation of death using neurological criteria. Any ancillary or confirmatory investigation should be considered ADDITIONAL to the fullest clinical testing and examination carried out to the best of the two doctors capabilities in the given circumstances.

Organ Donation

- National professional guidance advocates the confirmation of death by neurological criteria wherever this seems a likely diagnosis and regardless of the likelihood of organ donation.
- NICE guidance recommends that the specialist nurse for organ donation (SN-OD) should be notified at the point when the clinical team declare the intention to perform brain-stem death tests and this is supported by GMC guidance.<sup>[SP:1T]</sup>

Electronically signed by Panagiota SCEALES at 22/7/2021 10:44

**Attribution Key**

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SP.1 - Sara POLHILL on 21/7/2021 12:55  
SP.2 - Sara POLHILL on 21/7/2021 19:25  
SP.3 - Sara POLHILL on 21/7/2021 19:47  
SP.4 - Sara POLHILL on 21/7/2021 21:30  
SP.5 - Sara POLHILL on 21/7/2021 19:23  
SP.6 - Sara POLHILL on 21/7/2021 19:48  
SP.7 - Sara POLHILL on 21/7/2021 21:07  
SP.8 - Sara POLHILL on 21/7/2021 20:34  
SP.9 - Sara POLHILL on 21/7/2021 21:29  
TS.1 - Thomas SMITH on 22/7/2021 00:17  
C - Copied, M - Manual, T - Template

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**Sara POLHILL at 22/7/2021 00:25**

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Summary: CSF SAMPLE POST ORGAN RETRIEVAL

PLEASE ENSURE THAT WHEN GAIA GOES TO THEATRE FOR ORGAN RETRIEVAL - THAT ONE OF THE ICU TEAM GOES TO THEATRE TO TAKE A CSF SAMPLE FOR MC&S AND VIRAL PCR AFTER THE PROCEDURE HAS TAKEN PLACE<sup>[SP:1M]</sup>

Electronically signed by Sara POLHILL at 22/7/2021 00:28

**Attribution Key**

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SP.1 - Sara POLHILL on 22/7/2021 00:25  
M - Manual

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**Sara POLHILL at 22/7/2021 10:13**

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 1 of 4) (continued)**

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Gaia is going to go for organ retrieval at 1130.

Dr Wint Mon is kindly anaesthetising her and will kindly perform the lumbar puncture for CSF for MC&S. Dr Scales will arrange the request form and the appropriate bottles.<sup>[SP.1M]</sup>

Electronically signed by Sara POLHILL at 22/7/2021 10:16

**Attribution Key**

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SP.1 - Sara POLHILL on 22/7/2021 10:13  
M - Manual

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**Sara POLHILL at 22/7/2021 10:47**

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**Attribution Key**

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Attribution information is not available for this note.

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**Family Discussion**

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**Stephen HARRIS at 18/7/2021 22:12**

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Harris ICU Cons with Raquel SSN  
Summary of discussion with colleagues

Note radiology report

Spoke with Neurosurgery (Castanho), Neurology (Heaney) and Stroke (Saber) consultants; all in agreement that there was no intervention or treatment possible and that there was no hope of recovery. They all acknowledge that this was a tragic, unusual and surprising case.

A working diagnosis of cerebral venous sinus thrombosis that is not visible because of the lack of arterial flow to the brain is possible. She has some weak risk factors (dehydration, exercise). She does not take the OCP. Her clotting screen is normal. We will add a d-dimer to her admission bloods.

I have now also spoken with Gaia's mother and stepfather, and explained the above. They asked to look at the CT scans which I shared with them. They appear to understand that there was no hope of recovery. They asked that we did not withdraw immediately, and are waiting for Gaia's step-sister to arrive.

I have said that

- they may spend time at the bedside
- we would not ask them to leave for now, but it was unlikely that much would change overnight and they should go home and rest
- that we would try and wean the sedation to confirm that she was not breathing but that her comfort would be our priority now (and so we would re-introduce the sedation if she appeared distressed)

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 1 of 4) (continued)**

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I have additionally spoken with the T3 team

- stop neuroprotective measures
- MAP targets 65
- wean sedation once family have assembled and only if not distressed (to prep for possible BSD test)
- contact SNOD (she is on the register)
- normal saline maintenance
- FB +500 to 1000

Comfort and symptoms should be the priority  
DNACPR on the grounds of futility<sup>[SH.1M]</sup>

Electronically signed by Stephen HARRIS at 18/7/2021 22:25

**Attribution Key**

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SH.1 - Stephen HARRIS on 18/7/2021 22:12  
M - Manual

**Jose FLAME at 19/7/2021 02:00**

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Dr. Steve Harris updated the stepsister Sophie with the patient's mother through telephone call.

Stepsister is a nurse by profession- please contact her for update at 07879 618432.<sup>[JF.1M]</sup>

Electronically signed by Jose FLAME at 19/7/2021 03:15

**Attribution Key**

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JF.1 - Jose FLAME on 19/7/2021 03:08  
M - Manual

**Lyn AUSTIN at 19/7/2021 13:00**

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Summary: Family Visit

Mother, Father, Sister and Male relative arrived. We agreed with NIC and Livia that three visitors could be bedside.

Withdrew whilst patient xray was being done to FLT room to have a family discussion before meeting with consultants.

Visited the bedside individually afterwards.

Brother coming at 18:30.

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 1 of 4) (continued)**

To call and arrange visits tomorrow.

Lyn Austin  
Family Liaison<sup>[LA.1M]</sup>

Electronically signed by Lyn AUSTIN at 19/7/2021 16:06

**Attribution Key**

LA.1 - Lyn AUSTIN on 19/7/2021 15:51  
M - Manual

**Livia GOTTARDI at 19/7/2021 14:34**

Family discussion<sup>[LG.1M]</sup> between Dr<sup>[LG.2M]</sup> R. Marsh and<sup>[LG.1M]</sup> Dr<sup>[LG.2M]</sup> D. Healey (neurology cons.)<sup>[LG.1M]</sup>, Gaias<sup>[LG.2M]</sup> mother (Dorit),<sup>[LG.1M]</sup> sister (Sophie), stepfather (David<sup>[LG.1M]</sup> B.<sup>[LG.2M]</sup>) and uncle<sup>[LG.1M]</sup> (David<sup>[LG.1M]</sup>)

Neurology SpR, as well as myself present.

We introduced ourselves to the family

R<sup>[LG.2M]</sup> M<sup>[LG.2M]</sup> began by asking what they know so far. Sophie and Dorit explained that they would prefer that we explain to them<sup>[LG.2M]</sup> what we know about<sup>[LG.4M]</sup> what has happened<sup>[LG.2M]</sup>, as they feel as if they have not been adequately informed<sup>[LG.4M]</sup>.

D.H<sup>[LG.1M]</sup> explained that this is a very unusual case<sup>[LG.1M]</sup>, and although we understand what has happened pathologically, the cause is not exactly clear. He asked about<sup>[LG.1M]</sup> Gaia's past medical history<sup>[LG.2M]</sup>, specifically<sup>[LG.5M]</sup> a family history of thrombus and early vascular events for example clots, any medical or surgical problems, what her health was like in the days leading up to the event, and whether there is a possibility of illicit drug use.<sup>[LG.6M]</sup>

Dorit reported that Gaia has very little medical concerns, having been to the GP several times for<sup>[LG.2M]</sup> eczema creams and allergy tablets<sup>[LG.1M]</sup>. She explained that Gaia<sup>[LG.2M]</sup> was very active and engaged<sup>[LG.1M]</sup> in sports and activities. She reports no<sup>[LG.1M]</sup> knowledge of<sup>[LG.2M]</sup> drugs<sup>[LG.1M]</sup> and stated that this was highly unlikely. Gaia had a close circle of friends and girlfriends<sup>[LG.1M]</sup>, would<sup>[LG.2M]</sup> to engage in camping trips<sup>[LG.1M]</sup>, volunteering at a festival, ballroom dancing and cycling<sup>[LG.1M]</sup>. Gaia had<sup>[LG.2M]</sup> a<sup>[LG.2M]</sup> full time job<sup>[LG.1M]</sup>, and was volunteering through lockdown<sup>[LG.1M]</sup>. They live in Angel<sup>[LG.1M]</sup>, Islington, London.

She reported that Gaia had had<sup>[LG.2M]</sup> her<sup>[LG.2M]</sup> vaccines in Jan/March<sup>[LG.1M]</sup> and a week up until the event, she was doing night shifts.

Sophia reported:<sup>[LG.2M]</sup>  
FHx - father died when<sup>[LG.1M]</sup> Gaia was<sup>[LG.2M]</sup> 5<sup>[LG.1M]</sup>  
Was on<sup>[LG.2M]</sup> warfarin for AF  
No known clotting disorders<sup>[LG.1M]</sup>

Dorit when on to explain that on tuesday<sup>[LG.1M]</sup> she<sup>[LG.2M]</sup> went to an art exhibition<sup>[LG.1M]</sup>, then had a

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 1 of 4) (continued)**

dinner party on Saturday evening with close friends.<sup>[LG.1M]</sup> Gaia had been c<sup>[LG.2M]</sup>ycling more frequently with her mother that week.<sup>[LG.1M]</sup> On the<sup>[LG.3M]</sup> Saturday<sup>[LG.1M]</sup> prior to the event Gaia<sup>[LG.3M]</sup> had just finished a night shift from 16:00 until 01:00<sup>[LG.1M]</sup>. On the Sunday [the day of<sup>[LG.2M]</sup> attending the ED<sup>[LG.3M]</sup>]<sup>[LG.2M]</sup> she cycled to finsbury park, then to went to Essex road<sup>[LG.1M]</sup> to stop at a charity shop. Dorit r<sup>[LG.2M]</sup>eport<sup>[LG.1M]</sup>ed<sup>[LG.3M]</sup> she did alot of cycling in the sun that day<sup>[LG.1M]</sup>. On returning to the<sup>[LG.2M]</sup> house<sup>[LG.3M]</sup> s<sup>[LG.2M]</sup>he took an ice cream from the fridge and sat i<sup>[LG.1M]</sup>n<sup>[LG.2M]</sup> the garden in the sun.<sup>[LG.1M]</sup> Dorti added that Gaias was always cautious about wearing<sup>[LG.3M]</sup> sun cream. On returning into the house she drank alot of water<sup>[LG.1M]</sup> before s<sup>[LG.3M]</sup>ta<sup>[LG.1M]</sup>rting to complain of a<sup>[LG.3M]</sup> headache<sup>[LG.1M]</sup>

Dorit<sup>[LG.3M]</sup> reports that she is confused as to why she was asked the same quest<sup>[LG.1M]</sup>ions<sup>[LG.3M]</sup> at two seperate times<sup>[LG.1M]</sup> during her daughters admission<sup>[LG.3M]</sup>.

D.H<sup>[LG.1M]</sup> <sup>[LG.3M]</sup> reports that he thinks the cause<sup>[LG.1M]</sup> could be related to drugs including MDMA, but there appears to be some evidence of<sup>[LG.6M]</sup> a<sup>[LG.7M]</sup> venous sinus thrombosis<sup>[LG.1M]</sup>, due to the abnormal clotting screen, an<sup>[LG.6M]</sup>d that<sup>[LG.7M]</sup> a<sup>[LG.6M]</sup> headache is one of the<sup>[LG.1M]</sup> most common<sup>[LG.7M]</sup> symptoms<sup>[LG.1M]</sup>, alongside the other symptoms that Gaia complained of<sup>[LG.7M]</sup>. H<sup>[LG.6M]</sup>owever<sup>[LG.7M]</sup>, <sup>[LG.6M]</sup> these symptoms are also present in other<sup>[LG.7M]</sup> neurological pathologies<sup>[LG.8M]</sup>. He then went on to explain that the case is highly<sup>[LG.7M]</sup> unusual<sup>[LG.1M]</sup> in<sup>[LG.7M]</sup> that she deteriorated<sup>[LG.1M]</sup> rapidly, and<sup>[LG.7M]</sup> that<sup>[LG.1M]</sup> there is no clear evidence of<sup>[LG.7M]</sup> expos<sup>[LG.1M]</sup>ure<sup>[LG.7M]</sup> to any risk factor that could<sup>[LG.1M]</sup> have caused<sup>[LG.7M]</sup> the event.<sup>[LG.1M]</sup> The possibility of a viral infection cannot be excluded.<sup>[LG.6M]</sup> He explained that it<sup>[LG.7M]</sup> is clear that the event is catastrophic and<sup>[LG.1M]</sup> very likely<sup>[LG.7M]</sup> not<sup>[LG.1M]</sup> be<sup>[LG.7M]</sup> revers<sup>[LG.1M]</sup>ible.<sup>[LG.1M]</sup> Gaia<sup>[LG.7M]</sup> will likely need<sup>[LG.1M]</sup> further investigations, for example<sup>[LG.7M]</sup> an MRI<sup>[LG.1M]</sup>, <sup>[LG.7M]</sup> and further invesiga<sup>[LG.1M]</sup>t<sup>[LG.6M]</sup>ions to establish the caus<sup>[LG.1M]</sup>e.<sup>[LG.7M]</sup>

Dorit<sup>[LG.9M]</sup> asked<sup>[LG.1M]</sup> there is even the slightest<sup>[LG.9M]</sup> possible<sup>[LG.1M]</sup> or a "miracle"<sup>[LG.9M]</sup> that she can survive this event.

D.H<sup>[LG.1M]</sup> <sup>[LG.6M]</sup> reports that it is<sup>[LG.1M]</sup> highly unlikely<sup>[LG.9M]</sup> <sup>[LG.8M]</sup>

R.M<sup>[LG.1M]</sup> then explained<sup>[LG.8M]</sup> t<sup>[LG.1M]</sup>hat<sup>[LG.9M]</sup>, <sup>[LG.8M]</sup> from<sup>[LG.9M]</sup> observing<sup>[LG.8M]</sup> the<sup>[LG.1M]</sup> CT images and<sup>[LG.9M]</sup> her<sup>[LG.8M]</sup> clinical picture, <sup>[LG.9M]</sup> she<sup>[LG.1M]</sup> is<sup>[LG.9M]</sup> convinced<sup>[LG.8M]</sup> that Gaia<sup>[LG.9M]</sup> no longer has<sup>[LG.1M]</sup> adequate<sup>[LG.9M]</sup> brain stem function<sup>[LG.1M]</sup>. The sedation has been s<sup>[LG.9M]</sup>topped this morning<sup>[LG.1M]</sup>, which would inhibit most brainstem reflexes, and<sup>[LG.9M]</sup>, despite this,<sup>[LG.8M]</sup> she is clinically not showing any of the responses that would be present should your brainstem be functioning.<sup>[LG.9M]</sup>

Sophie reported that they<sup>[LG.8M]</sup> would have liked to have been present for the se<sup>[LG.1M]</sup>d<sup>[LG.8M]</sup>ation hold.

R.M reports that she stopped the sedation in order to correctly assess Gaia<sup>[LG.1M]</sup> neurologically<sup>[LG.8M]</sup> prior to having explain<sup>[LG.1M]</sup>ed<sup>[LG.10M]</sup> the situation to the family<sup>[LG.1M]</sup>, to give them an accurate picture of the situation.<sup>[LG.10M]</sup>

Dorit<sup>[LG.8M]</sup> asked why Gaia had a<sup>[LG.1M]</sup> nasogastric<sup>[LG.10M]</sup> tube in<sup>[LG.1M]</sup>, <sup>[LG.10M]</sup> And Sophie<sup>[LG.11M]</sup> asked about wh<sup>[LG.1M]</sup>e<sup>[LG.12M]</sup>ther she will be fed today<sup>[LG.1M]</sup>, <sup>[LG.12M]</sup> why,<sup>[LG.11M]</sup> and whether it has anything to do with organ donation.<sup>[LG.12M]</sup>

RM explained that<sup>[LG.1M]</sup> when the brain is in this state it can be a highly "catabolic" state, meaning that she is requiring alot of nutrition<sup>[LG.8M]</sup>, and therefore feeding her<sup>[LG.10M]</sup> in order<sup>[LG.8M]</sup> to maintain adequate physiology<sup>[LG.12M]</sup> while investigating causes and establishing diagnosis<sup>[LG.1M]</sup>/<sup>[LG.12M]</sup>outcome.

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 1 of 4) (continued)**

R[LG.1M] M[LG.1M] then explained why she thinks the brainstem is likely damaged and that this is irreversible. The fact that Gaia is not triggering breaths on the ventilator, her Pupils are dilated and not reactive to light, her blink reflex is not present and her reaction to pain is abnormal, amongst other findings, indicate that her brain stem tissue is no longer functioning. This is more of a "crude" neurological examination and not a legal test to confirm brain stem death, but clinically it is highly likely that she is "brain stem dead". R.M. continued to explain that the best option is not always to prolong life and she has encountered situations where it feels more appropriate not to. However, in this case, continuing to stabilise and support Gaia so that she may have an MRI and further investigations may be beneficial to help us as physicians as well as her family, to understand the cause. This includes blood tests to assess whether she has any undiagnosed clotting disorders.

Dorit asked why the se tests were not performed on Gaia sooner.

D[LG.1M] H[LG.1M] reports that they have done an initial clotting screen but the more complex/rare investigations are not done routinely and may take a while to return. Further tests may take several weeks.

Dorit reported that she feels further tests are a good idea for the sake of closure. The family agreed that they think the scans should be performed to try to establish a diagnosis, although they understand that this may not be achieved.

Sophie asked why they are offering an MRI now, when they were told by the ICU consultant on Gaia's arrival to ICU, that MRIs cannot be performed when patients are ventilated.

R[LG.1M] M[LG.1M] explained that this was likely said because it is difficult to take an unstable ICU patient off the unit for a prolonged period of time, however an MRI is still possible in this case.

Dorit then went on to explain what they were told about the CT scans.

Sophie also asked if we can do a lumbar puncture on Gaia.

D[LG.1M] H[LG.1M] explained that this would not be beneficial for several reasons, the most important one being that she was given antibiotics, which would prevent us from diagnosing an infection.

Dorit explained that the quality of the scans were poor compared to previous MRIs that she herself had personally had in the past, and she asked why they chose CT as a method of imaging.

D[LG.1M] H[LG.1M] explained that we will look closer into the decisions made throughout her admission and give her further answers once there has been a full review of the timeline of events since she arrived in hospital. He assured her that every aspect of the case will be thoroughly reviewed.

The family agreed that they think the MRI is a good idea to try to establish the cause of the

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 1 of 4) (continued)**

event.<sup>[LG.11M]</sup>

R<sup>[LG.1M]</sup> M<sup>[LG.11M]</sup> explained that patients can become very unstable when brain stem dead, especially<sup>[LG.1M]</sup> cardiovascularly<sup>[LG.13M]</sup>. This may involve<sup>[LG.1M]</sup> abnormal heart rhythms which can progress to<sup>[LG.13M]</sup> a cardiac arrest.<sup>[LG.1M]</sup> RM explained that<sup>[LG.13M]</sup> if<sup>[LG.1M]</sup> Gaia's<sup>[LG.13M]</sup> heart w<sup>[LG.1M]</sup>as<sup>[LG.13M]</sup> to stop, then she doesn't think it would be appropriate to shock her.<sup>[LG.1M]</sup>

Dorit<sup>[LG.11M]</sup> asked how likely this is<sup>[LG.1M]</sup> <sup>[LG.11M]</sup>

R<sup>[LG.1M]</sup> M<sup>[LG.11M]</sup> explained that<sup>[LG.1M]</sup> one of the brainstem's function is to regulate the heart. If it<sup>[LG.11M]</sup> is<sup>[LG.1M]</sup> not functioning adequately<sup>[LG.11M]</sup>, it can cause arrhythmias and these may require a shock.<sup>[LG.1M]</sup> The longer it is not functioning the more likely this is to happen.

Dorit<sup>[LG.11M]</sup> and<sup>[LG.1M]</sup> Sophie<sup>[LG.11M]</sup> both explained that they would prefer that if<sup>[LG.1M]</sup> G<sup>[LG.11M]</sup>ia arrested between then and when she's had the investigations, they would prefer her to be for full resuscitation. They feel<sup>[LG.1M]</sup> that we should prioritise keeping her alive until we have done all we can to try to find out what has happened. Dorit explained that she would<sup>[LG.11M]</sup> want to know the whole story for<sup>[LG.1M]</sup> "closure"<sup>[LG.11M]</sup> and that she believes Gaia would also want this for the purpose of granting us, as physicians, a learning opportunity that may help us manage other cases like this in the future.

Sophie reports that she<sup>[LG.11M]</sup> would prefer not to discuss organ donation as of yet.

R<sup>[LG.1M]</sup> M<sup>[LG.11M]</sup> explained that there are<sup>[LG.1M]</sup> "heart beating"<sup>[LG.14M]</sup> and<sup>[LG.1M]</sup> "non heart beating"<sup>[LG.14M]</sup> donors.<sup>[LG.1M]</sup> Should Gaia's heart stop, she may be a<sup>[LG.11M]</sup> candidate for "non heart beating" donation, and in this case they would need to act quickly to prepare the organs.<sup>[LG.14M]</sup> After that they<sup>[LG.1M]</sup> would<sup>[LG.14M]</sup> need to act quickly to preserve the organs.<sup>[LG.1M]</sup>

David asked if there would be an<sup>[LG.14M]</sup> autopsy<sup>[LG.1M]</sup>, and if so would organ<sup>[LG.14M]</sup> donation affect this.<sup>[LG.6M]</sup>

R<sup>[LG.1M]</sup> M<sup>[LG.6M]</sup> explained that she would need<sup>[LG.6M]</sup> to speak to the medical examiner to confirm the answer to thi<sup>[LG.1M]</sup>s question, which she will do so as soon as possible.

D.H reported that there may be an<sup>[LG.6M]</sup> issue of organ donation affect<sup>[LG.1M]</sup>ing<sup>[LG.6M]</sup> post mortem examination<sup>[LG.1M]</sup>, and there may also be a possibility of infection which would impede donation<sup>[LG.1M]</sup>. He<sup>[LG.6M]</sup> would<sup>[LG.1M]</sup> therefore<sup>[LG.6M]</sup> like<sup>[LG.1M]</sup> to order<sup>[LG.6M]</sup> the bloods test<sup>[LG.1M]</sup>s and an MRI as a workup for a possible venous sinus thrombosis to try to establish a diagnosis.<sup>[LG.6M]</sup>

R<sup>[LG.1M]</sup> M. reported that in the mean time we will<sup>[LG.6M]</sup> keep her stable<sup>[LG.1M]</sup>, will organise the<sup>[LG.6M]</sup> MRI<sup>[LG.1M]</sup> head,<sup>[LG.6M]</sup> speak to medical examiner about whether organ donation will affect post mortem<sup>[LG.1M]</sup>.

Dorit explained that for her<sup>[LG.6M]</sup> it<sup>[LG.1M]</sup> is<sup>[LG.6M]</sup> a priority to<sup>[LG.1M]</sup> try to find out exactly<sup>[LG.6M]</sup> what happened. Even if it means compromising organ donation.

The family asked for additional numbers as they c<sup>[LG.1M]</sup>an<sup>[LG.6M]</sup>not get through to the hosp<sup>[LG.1M]</sup>ital.<sup>[LG.6M]</sup> They<sup>[LG.1M]</sup> also<sup>[LG.6M]</sup> want to be contacted as soon as there is a deterioration<sup>[LG.1M]</sup> <sup>[LG.6M]</sup>

R<sup>[LG.1M]</sup> M<sup>[LG.6M]</sup> explained that she can<sup>[LG.1M]</sup> try to arrange further<sup>[LG.6M]</sup> discussion<sup>[LG.1M]</sup>s with the family

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 1 of 4) (continued)**

tomorrow<sup>[LG.6M]</sup> afterno<sup>[LG.1M]</sup>on.

Sophie<sup>[LG.6M]</sup> asked about close visitation<sup>[LG.1M]</sup> for four of Gaia's close friends.<sup>[LG.6M]</sup>

R<sup>[LG.1M]</sup> M<sup>[LG.6M]</sup> explained that<sup>[LG.1M]</sup> she will ask the consultant in charge of the Family Liaison Team.

David<sup>[LG.6M]</sup> asked about<sup>[LG.1M]</sup> whether Gaia can feel pain.

R.M. explained that she cannot consciously feel pain, however she may illicit a spinal response on neurological examination.

Dorit<sup>[LG.6M]</sup> would also like to know the details of what happened from when she attended until when she arrested, including her last words<sup>[LG.1M]</sup>, if possible, as she had several phone conversations with Gaia during her attendance and she feels she was distressed over the phone. She wants to know if she was cared for in her last hours.<sup>[LG.6M]</sup>

D<sup>[LG.1M]</sup> H<sup>[LG.6M]</sup> explained that this will be looked at carefully<sup>[LG.1M]</sup> and<sup>[LG.6M]</sup> there will be a full review of what happened<sup>[LG.1M]</sup> which will be relayed to the family.<sup>[LG.6M]</sup>

They would also like to know if she was given blood thinners if<sup>[LG.1M]</sup> a clot was part of the initial diagnosis.

D.H. reports that this was not given as we were unsure of what the exact pathology was and this may cause more harm than good.

The family thanked us and I confirmed their telephone numbers and took a landline (added to EPIC). I also provided them with the FLT number and the ICU reception desk number.<sup>[LG.6M]</sup>

Electronically signed by Livia GOTTARDI at 20/7/2021 08:45

**Attribution Key**

LG.1 - Livia GOTTARDI on 19/7/2021 14:34  
LG.10 - Livia GOTTARDI on 19/7/2021 17:04  
LG.11 - Livia GOTTARDI on 19/7/2021 17:22  
LG.12 - Livia GOTTARDI on 19/7/2021 16:43  
LG.13 - Livia GOTTARDI on 19/7/2021 17:18  
LG.14 - Livia GOTTARDI on 19/7/2021 17:40  
LG.2 - Livia GOTTARDI on 19/7/2021 15:59  
LG.3 - Livia GOTTARDI on 19/7/2021 16:18  
LG.4 - Livia GOTTARDI on 20/7/2021 08:44  
LG.5 - Livia GOTTARDI on 19/7/2021 18:07  
LG.6 - Livia GOTTARDI on 19/7/2021 18:11  
LG.7 - Livia GOTTARDI on 19/7/2021 16:22  
LG.8 - Livia GOTTARDI on 19/7/2021 16:37  
LG.9 - Livia GOTTARDI on 19/7/2021 16:27  
M - Manual

**Lyn AUSTIN at 20/7/2021 15:00**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 1 of 4) (continued)**

Summary: Family Visit

Mother and sister and three young ladies arrived to visit Gaia before her MRI.

Lyn Austin  
FLT<sup>[LA.1M]</sup>

Electronically signed by Lyn AUSTIN at 20/7/2021 18:43

**Attribution Key**

LA.1 - Lyn AUSTIN on 20/7/2021 18:42  
M - Manual

**Livia GOTTARDI at 20/7/2021 15:35**

NOK discussion<sup>[LG.1M]</sup> involving:<sup>[LG.2M]</sup>  
Dorit (mother)  
Sophie (sister)  
Trudy (<sup>[LG.1M]</sup>Organ transplantation<sup>[LG.3M]</sup> nurse)  
R. Marsh and S.Pohill (ICU consultants<sup>[LG.1M]</sup>)  
M<sup>[LG.2M]</sup>yself (ICU SHO).<sup>[LG.1M]</sup>

Introductions were<sup>[LG.4M]</sup> given<sup>[LG.2M]</sup>.<sup>[LG.4M]</sup>

Dorit<sup>[LG.1M]</sup> stated<sup>[LG.4M]</sup> that she has several questions. The first one being<sup>[LG.1M]</sup>,<sup>[LG.2M]</sup> what is the purpose of the MRI<sup>[LG.1M]</sup>?<sup>[LG.4M]</sup>

S<sup>[LG.1M]</sup> <sup>[LG.4M]</sup>p<sup>[LG.1M]</sup> explained that,<sup>[LG.4M]</sup> what we are seeking to do with the MRI is to find a diagnosis<sup>[LG.1M]</sup> and that it also<sup>[LG.2M]</sup> allows us<sup>[LG.1M]</sup> to carry out<sup>[LG.2M]</sup> certain<sup>[LG.1M]</sup> t<sup>[LG.4M]</sup>ests which<sup>[LG.1M]</sup> show<sup>[LG.4M]</sup> us whether her brain is functioning properly.<sup>[LG.1M]</sup> She explained that a<sup>[LG.2M]</sup> diagnosis is important because we<sup>[LG.4M]</sup> cannot legally perform the brain stem death tests without<sup>[LG.1M]</sup> said<sup>[LG.2M]</sup> diagnosis. If we had<sup>[LG.1M]</sup> a diagnosis<sup>[LG.4M]</sup> which would explain the cause, we would be able to<sup>[LG.1M]</sup> carry out<sup>[LG.4M]</sup> official<sup>[LG.1M]</sup> brain stem<sup>[LG.4M]</sup> tests.<sup>[LG.1M]</sup> She reported, that<sup>[LG.2M]</sup> if<sup>[LG.4M]</sup> they<sup>[LG.2M]</sup> as a family ar<sup>[LG.4M]</sup>e happy<sup>[LG.1M]</sup> to go ahead<sup>[LG.4M]</sup>, we can proceed to organ donation w<sup>[LG.1M]</sup>ilst<sup>[LG.4M]</sup> her heart still beating.<sup>[LG.1M]</sup> She explained that a<sup>[LG.2M]</sup>nother reason to do the scan is to find a cause of death<sup>[LG.1M]</sup> early,<sup>[LG.4M]</sup> rather than waiting for the post mortem.<sup>[LG.1M]</sup> S.P.<sup>[LG.2M]</sup> went on to explain that i<sup>[LG.4M]</sup>t is possible<sup>[LG.1M]</sup> that<sup>[LG.4M]</sup> we may not get a diagnosis.<sup>[LG.1M]</sup> In this case<sup>[LG.4M]</sup> we can<sup>[LG.1M]</sup>no<sup>[LG.4M]</sup>t<sup>[LG.1M]</sup> proceed to brain stem<sup>[LG.4M]</sup> testing<sup>[LG.1M]</sup>,<sup>[LG.4M]</sup> but we can remove the breathing tube<sup>[LG.1M]</sup> and therefore the ventilatory support<sup>[LG.4M]</sup> and<sup>[LG.1M]</sup>,<sup>[LG.2M]</sup> when her heart stops beating,<sup>[LG.1M]</sup> the transplant team<sup>[LG.4M]</sup> can<sup>[LG.1M]</sup> then proceed to utilising<sup>[LG.4M]</sup> some of her organs.<sup>[LG.1M]</sup> She reported that w<sup>[LG.4M]</sup>atever happens, whether we<sup>[LG.1M]</sup> are able to acquire<sup>[LG.4M]</sup> the scan or not, or whether they donate organs or not, the coroner<sup>[LG.1M]</sup> has relayed to herself that they<sup>[LG.4M]</sup> w<sup>[LG.1M]</sup>ill be carrying out a<sup>[LG.4M]</sup> post mortem.<sup>[LG.1M]</sup> It is clear that<sup>[LG.4M]</sup> the coroner<sup>[LG.1M]</sup> would like<sup>[LG.4M]</sup> a post mortem<sup>[LG.1M]</sup> to<sup>[LG.4M]</sup> look at her brain, but they also<sup>[LG.1M]</sup> want to look at her heart. With this in mind<sup>[LG.4M]</sup>, we cannot donate the heart regardless of the outcome, as they believe this is necessary for the diagnosis.

Dorit<sup>[LG.1M]</sup> then went on<sup>[LG.4M]</sup> to<sup>[LG.5M]</sup> ask<sup>[LG.1M]</sup> whether they<sup>[LG.5M]</sup> would be looking for<sup>[LG.1M]</sup> a<sup>[LG.5M]</sup> thrombosis in the heart?<sup>[LG.1M]</sup> And if they find that there is a thrombus, in the heart or brain,<sup>[LG.5M]</sup> could it have<sup>[LG.1M]</sup> been caused

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 1 of 4) (continued)**

by<sup>[LG.5M]</sup> the Pfizer vaccination<sup>[LG.1M]</sup> and then slowly increased in size to eventually cause an obstruction?<sup>[LG.5M]</sup>

S<sup>[LG.1M]</sup> P<sup>[LG.5M]</sup> explained that it is unlikely related to the vaccine, mainly because of the nature of the deterioration and the time<sup>[LG.1M]</sup> taken<sup>[LG.5M]</sup> from<sup>[LG.1M]</sup> Gaia's<sup>[LG.5M]</sup> vaccination<sup>[LG.5M]</sup> and onset of symptoms.<sup>[LG.1M]</sup> She stated that in the case that<sup>[LG.5M]</sup> it was a<sup>[LG.1M]</sup> slowly expanding<sup>[LG.5M]</sup> clot, she would have<sup>[LG.1M]</sup> likely<sup>[LG.5M]</sup> had some symptoms<sup>[LG.1M]</sup> prior to the event. She explained that we<sup>[LG.5M]</sup> the MRI<sup>[LG.1M]</sup> is not likely to give us any clues regarding<sup>[LG.5M]</sup> the chronological development of the clot.<sup>[LG.1M]</sup> She also explained that we<sup>[LG.5M]</sup> cannot promise that she will not become more unstable in<sup>[LG.1M]</sup> the MRI scanner<sup>[LG.5M]</sup> or<sup>[LG.3M]</sup> en-route<sup>[LG.5M]</sup>. This could occur<sup>[LG.3M]</sup> because she was moved<sup>[LG.1M]</sup>,<sup>[LG.3M]</sup> or because deterioration was imminent,<sup>[LG.1M]</sup> but there is still a possibility that this might happen.

Dorit asked about the coroners investigation.

S.P. explained that t<sup>[LG.3M]</sup>he key hospital staff<sup>[LG.1M]</sup> involved in the case<sup>[LG.3M]</sup> will<sup>[LG.1M]</sup> be requested<sup>[LG.3M]</sup> to write a statement, and<sup>[LG.1M]</sup> they may be called in for questioning, to give<sup>[LG.3M]</sup> evidence<sup>[LG.1M]</sup> in person<sup>[LG.3M]</sup>. The family can see the report and<sup>[LG.1M]</sup> will<sup>[LG.3M]</sup> have access to the information<sup>[LG.1M]</sup> surrounding<sup>[LG.3M]</sup> the case<sup>[LG.1M]</sup>.

Dorit then asked if it takes a long time to acquire the report, and whether the<sup>[LG.3M]</sup> coroner<sup>[LG.1M]</sup> will be<sup>[LG.3M]</sup> reading results<sup>[LG.1M]</sup>, looking at documents or questioning witnesses directly.<sup>[LG.3M]</sup>

S<sup>[LG.1M]</sup> P. explained that the<sup>[LG.3M]</sup> it is<sup>[LG.1M]</sup> similar to a court proceeding, in that<sup>[LG.3M]</sup> the<sup>[LG.1M]</sup> team<sup>[LG.3M]</sup> collect evidence and look at the data<sup>[LG.1M]</sup>,<sup>[LG.3M]</sup> as well as<sup>[LG.1M]</sup> questioning<sup>[LG.3M]</sup> the witnesses<sup>[LG.1M]</sup> involved<sup>[LG.3M]</sup> in the case.<sup>[LG.1M]</sup> There is a possibility that, i<sup>[LG.3M]</sup>f the documents are clear<sup>[LG.1M]</sup> and concise in reporting the events,<sup>[LG.3M]</sup> they<sup>[LG.1M]</sup> may<sup>[LG.3M]</sup> come to a conclusion though that<sup>[LG.1M]</sup>, and not require further enquiries<sup>[LG.3M]</sup>.<sup>[LG.1M]</sup> The case reports will be available and<sup>[LG.3M]</sup> open to the public.<sup>[LG.1M]</sup>

Sophie then asked, i<sup>[LG.3M]</sup>f the benefits of the MRI are<sup>[LG.1M]</sup> conclusive, will she<sup>[LG.3M]</sup> have a post mortem<sup>[LG.1M]</sup>?<sup>[LG.3M]</sup>

S<sup>[LG.1M]</sup> P stated that Gaia's case<sup>[LG.3M]</sup> will definitely be<sup>[LG.1M]</sup> referred<sup>[LG.3M]</sup> to the coroner<sup>[LG.1M]</sup>.

Sophie then asked, how effective is the MRI in diagnosing a clot, in comparison to a post-mortem?

S.P. stated that it is in fact less accurate in diagnosing this condition.

Sophie then went on to ask what the advantage of the MRI was, if we were to carry out a post mortem anyway.<sup>[LG.3M]</sup>

S<sup>[LG.1M]</sup> P<sup>[LG.3M]</sup> explained,<sup>[LG.3M]</sup> the benefit<sup>[LG.1M]</sup> for Gaia is very little. However, the benefit<sup>[LG.3M]</sup> for<sup>[LG.1M]</sup> you<sup>[LG.3M]</sup> as a family, is that you<sup>[LG.1M]</sup> may have an answer to her diagnosis<sup>[LG.3M]</sup> sooner<sup>[LG.1M]</sup>, rather<sup>[LG.3M]</sup> than waiting for the coroner report<sup>[LG.1M]</sup>. The benefit from an organ-transplantation perspective, is that t<sup>[LG.3M]</sup>he organs are healthier if someone has had<sup>[LG.1M]</sup> a conclusive diagnosis and has therefore had<sup>[LG.3M]</sup> brainstem testing<sup>[LG.1M]</sup> to confirm death.

Dorit asked why this is the case.<sup>[LG.3M]</sup>

Trudy<sup>[LG.1M]</sup> explained that when the brainstem is assessed, we can confirm death b<sup>[LG.3M]</sup>efore the heart has

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 1 of 4) (continued)**

stopped. This is preferable for the health of the organs. The brainstem testing therefore ensures that there is very little time between when her heart has stopped and when her organs are removed.

Dorit reported that this is very disturbing for me to imagine.

M. explained that she has been involved in this situation before, and that it is not comfortable for any party involved. If a person is diagnosed as brain dead, the family can have closure at the bedside while she is still ventilated. Then the person is taken to theatre where the retrieval team is waiting. Then the retrieval team takes the organs in their most optimum condition. She explained that the way she would make peace with it, if this was her loved one, would be knowing that the organs will save as many people as possible as they will be retrieved in their best condition, with the full understanding that the person has not got a functioning brain stem.

Trudy went on to explain that in all situations, the heart is stopped and the ventilator is stopped before the organs are removed. When the operation starts, they will stop the ventilator and ensure the heart has stopped beating completely before the organs are removed.

M. explained that she would be present to turn off the ventilator and wait for the heart to stop prior to bringing to patient to theatre.

Dorit asked how long it would likely take, in Gaia's case, for her to stop breathing after this is carried out.

R.M. reported that in this case it would be minutes. She continued to explain that when brain stem testing is not carried out, we would stop the ventilator before legally diagnosing death. Then we would take the person into theatre.

Sophie explained that she is aware of the time and would like to further discuss the MRI as soon as possible.

Dorit states she understands the benefit of the MRI, but is worried that they cannot be there in the case that her heart is to stop. She asked how likely is it that she will arrest.

S.P. explained that there is a chance, given her condition, that she could arrest at any time. She also stated that she will do what is necessary to make it less painful for them as a family.

Dorit and Sophie agreed that they will go ahead with the MRI.

At this point S.P. left the room to relay to the team to go ahead with the MRI.

Dorothy then added that she feels Gaia had a rough time on arrival to the hospital. She understands that the idea of giving life to somebody through organ donation is wonderful, but for her it sits on the background of her belief that Gaia had an awful time on arrival to the hospital and throughout her stay. She explained that there was a huge time delay between when she arrived and when she had the CT. She was under the impression that the team had assumed it was drug related, and treated her based on that assumption. She feels that they did not listen to

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 1 of 4) (continued)**

her<sup>[LG.1M]</sup> during telephone conversations and when taking a history. Dorit reports that s<sup>[LG.2M]</sup>he had<sup>[LG.1M]</sup> "no idea<sup>[LG.1M]</sup>" if<sup>[LG.1M]</sup> Gaia<sup>[LG.2M]</sup> was in pain, if she<sup>[LG.1M]</sup> suffering in any way, if<sup>[LG.2M]</sup> was helped at all or left alone on the ward<sup>[LG.1M]</sup>. "Then<sup>[LG.2M]</sup> the lumbar puncture happened and<sup>[LG.1M]</sup> Gaia<sup>[LG.2M]</sup> stopped breathing<sup>[LG.1M]</sup>" She reported that she felt the s<sup>[LG.2M]</sup>cond CT took a long time before people looked<sup>[LG.1M]</sup> towards<sup>[LG.2M]</sup> the right diagnosis.<sup>[LG.1M]</sup>" She explained that, from what she knew,<sup>[LG.2M]</sup> Gaia<sup>[LG.1M]</sup> "hated<sup>[LG.1M]</sup>" needles, and when<sup>[LG.1M]</sup> Dorit<sup>[LG.2M]</sup> sa<sup>[LG.1M]</sup>w<sup>[LG.2M]</sup> her for the first time<sup>[LG.1M]</sup> in the hospital, Gaia was<sup>[LG.2M]</sup> "covered in needles"<sup>[LG.1M]</sup>. She<sup>[LG.1M]</sup> reported that she<sup>[LG.2M]</sup> got a call from the nurse with many questions about<sup>[LG.1M]</sup> G<sup>[LG.2M]</sup>aias behaviour<sup>[LG.1M]</sup>, followed by another<sup>[LG.2M]</sup> call at about 04:45 from the doctor who did the lumbar puncture, asking the same questions<sup>[LG.1M]</sup> as previously asked.

S.P. then returned to the room.

Dorit reports that she<sup>[LG.2M]</sup> was told that Gaia was speaking strangely<sup>[LG.1M]</sup>, she was then<sup>[LG.2M]</sup> put on the phone to<sup>[LG.1M]</sup> G<sup>[LG.2M]</sup>aiia and she asked her if it was difficult for her to talk<sup>[LG.1M]</sup>, to which Gaia responded faintly with a "yes".<sup>[LG.2M]</sup> She<sup>[LG.1M]</sup> reports that she<sup>[LG.2M]</sup> was l<sup>[LG.1M]</sup>ater<sup>[LG.2M]</sup> told that Gaia was communicating well and mentioned her ballroom dancing<sup>[LG.1M]</sup> class which was due to happen around that time<sup>[LG.2M]</sup>. She<sup>[LG.1M]</sup> explained that she feels<sup>[LG.2M]</sup> there was an important time when Gaia was<sup>[LG.1M]</sup> conscious, which was not addressed. Dorit stated that she<sup>[LG.2M]</sup> would like the full story about what happened<sup>[LG.1M]</sup> to Gaia.<sup>[LG.2M]</sup>

S<sup>[LG.1M]</sup> p<sup>[LG.1M]</sup> report<sup>[LG.1M]</sup>ed that<sup>[LG.2M]</sup> she will do her best to look into this. All the people involved in her care will give a full report<sup>[LG.1M]</sup> and the<sup>[LG.2M]</sup> coroner will be very thorough.<sup>[LG.1M]</sup> SP. also mentioned that f<sup>[LG.2M]</sup>amilies have a duty to flag concerns to the coroner if there<sup>[LG.1M]</sup>s anything specific<sup>[LG.1M]</sup> that<sup>[LG.2M]</sup> they want the investigation to focus on.<sup>[LG.1M]</sup> She stated that she<sup>[LG.2M]</sup> will also<sup>[LG.1M]</sup> personally<sup>[LG.2M]</sup> relay<sup>[LG.1M]</sup> Dorit's<sup>[LG.2M]</sup> concerns to the coroner.<sup>[LG.1M]</sup>

Dorit explained that she<sup>[LG.2M]</sup> want<sup>[LG.1M]</sup>s<sup>[LG.2M]</sup> us<sup>[LG.1M]</sup> as physicians<sup>[LG.2M]</sup> to consider thrombosis as a differ<sup>[LG.1M]</sup>en<sup>[LG.2M]</sup>tial when managing abnormal behaviour and "not just focus on drugs as a cause"<sup>[LG.1M]</sup>.

S.P. explained that t<sup>[LG.2M]</sup>hey can get a systematic judgement review initiated<sup>[LG.1M]</sup>, if needed<sup>[LG.2M]</sup>.<sup>[LG.1M]</sup>

Sophie then went on to sat that t<sup>[LG.2M]</sup>hey feel<sup>[LG.1M]</sup> that<sup>[LG.2M]</sup> this will be a major impact in their life and they want clarity<sup>[LG.1M]</sup> in the events leading up to Gaias current state<sup>[LG.2M]</sup>.<sup>[LG.1M]</sup> She explained that t<sup>[LG.2M]</sup>he anger is present but not directed at<sup>[LG.1M]</sup> the hospital or staff<sup>[LG.2M]</sup>.

S<sup>[LG.1M]</sup> p<sup>[LG.1M]</sup> stated<sup>[LG.2M]</sup> that she thinks they are being very reasonable.

Dorit<sup>[LG.1M]</sup> explained<sup>[LG.2M]</sup> that<sup>[LG.1M]</sup> Gaia was<sup>[LG.2M]</sup> a lovely<sup>[LG.1M]</sup>,<sup>[LG.2M]</sup> creative girl who everybody loved. She<sup>[LG.1M]</sup> then stated that she<sup>[LG.2M]</sup> understands that mistakes can be made in this practice.

Sophie<sup>[LG.1M]</sup> again<sup>[LG.2M]</sup> relayed that it is not about the blame, but about clarity.

S<sup>[LG.1M]</sup> p<sup>[LG.1M]</sup> explained that she<sup>[LG.2M]</sup> will write the coroners referral herself.

Dorit asked when<sup>[LG.1M]</sup> might they<sup>[LG.2M]</sup> have the results<sup>[LG.1M]</sup> of the MRI.<sup>[LG.2M]</sup>

S<sup>[LG.1M]</sup> p<sup>[LG.1M]</sup> stated that<sup>[LG.2M]</sup> we will push for the report tonight.<sup>[LG.1M]</sup> She explained that i<sup>[LG.2M]</sup>t may take time to get a full result<sup>[LG.1M]</sup>,<sup>[LG.2M]</sup> as it is a neuroradiologist that will be making<sup>[LG.1M]</sup> the complete<sup>[LG.2M]</sup> report on

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 1 of 4) (continued)**

the images.

Dorit<sup>[LG.1M]</sup> then<sup>[LG.2M]</sup> asked<sup>[LG.1M]</sup> if<sup>[LG.2M]</sup> there<sup>[LG.1M]</sup> was<sup>[LG.2M]</sup> a possibility of meningoencephalitis<sup>[LG.1M]</sup> as a cause.<sup>[LG.2M]</sup>

S<sup>[LG.1M]</sup> P<sup>[LG.2M]</sup> explained that<sup>[LG.2M]</sup> in order to exclude this we need a sample of CSF which we<sup>[LG.1M]</sup> unfortunately<sup>[LG.2M]</sup> could<sup>[LG.1M]</sup> not<sup>[LG.2M]</sup> acquire. The bloods can indicate<sup>[LG.1M]</sup> infection but it is not definitive<sup>[LG.2M]</sup>.<sup>[LG.1M]</sup>

Sophie then<sup>[LG.2M]</sup> asked if<sup>[LG.1M]</sup> evidence of an<sup>[LG.2M]</sup> infection excludes organ donation

Trudy reported that it depends on the individual recipients, however, it is unlikely that this will<sup>[LG.1M]</sup> inhibit the process of donation.<sup>[LG.2M]</sup>

Dorit also reports that she has been very happy with how she was treated as a relative whil<sup>[LG.1M]</sup>st<sup>[LG.2M]</sup> Gaia was in ICU.<sup>[LG.1M]</sup>

S.P. explained that o<sup>[LG.2M]</sup>nce we get the<sup>[LG.1M]</sup> MRI<sup>[LG.2M]</sup> report, we will progress to brain stem testing.<sup>[LG.1M]</sup>

Sophie<sup>[LG.2M]</sup> asked if<sup>[LG.1M]</sup> the family<sup>[LG.2M]</sup> can be called directly as soon as the diagnosis is<sup>[LG.1M]</sup> confirmed.<sup>[LG.2M]</sup>

S<sup>[LG.1M]</sup> P<sup>[LG.2M]</sup> stated that she<sup>[LG.2M]</sup> will discuss this first with Dominic Healey<sup>[LG.1M]</sup> prior to calling them<sup>[LG.2M]</sup>.

Sophie<sup>[LG.1M]</sup> then went on to ask if Gaia<sup>[LG.2M]</sup> is still<sup>[LG.1M]</sup> for full resuscitation<sup>[LG.2M]</sup>.

S<sup>[LG.1M]</sup> P<sup>[LG.2M]</sup> report<sup>[LG.1M]</sup>ed<sup>[LG.2M]</sup> that anyone with brain damage<sup>[LG.1M]</sup> has the potential to<sup>[LG.2M]</sup> deteriorate<sup>[LG.1M]</sup>.<sup>[LG.2M]</sup> The difficulty is that, a cardiac arrest in this case will be due to the brain deterioration<sup>[LG.1M]</sup>, therefore the chances of successful resuscitation is very very low with prolonged resuscitation<sup>[LG.1M]</sup>. She explained that i<sup>[LG.2M]</sup>f the condition is imminently reversible, then we would intervene<sup>[LG.1M]</sup> with electric shocks<sup>[LG.6M]</sup>, however<sup>[LG.1M]</sup>, if the rhythm is not "shockable" then she feels that<sup>[LG.6M]</sup> resuscitat<sup>[LG.1M]</sup>ing<sup>[LG.2M]</sup> Gaia<sup>[LG.6M]</sup> with chest compression<sup>[LG.1M]</sup>s for a prolonged period would<sup>[LG.2M]</sup> not be appropriate.<sup>[LG.1M]</sup>

Sophie and Dorit reported that they understand this, and agreed that they also would not like Gaia to undergo prolonged resuscitation. Sophie then<sup>[LG.2M]</sup> asked about the details of the<sup>[LG.1M]</sup> MRI.<sup>[LG.2M]</sup>

S<sup>[LG.1M]</sup> P<sup>[LG.2M]</sup> responded by explaining<sup>[LG.2M]</sup> in detail<sup>[LG.1M]</sup>, what the MRI may show.

Sophie then<sup>[LG.2M]</sup> asked how many people will go with<sup>[LG.1M]</sup> Gaia to the scanner.

S.P. briefly explained the process of transferring a patient to the MRI department, and the parties involved.

Sophie then<sup>[LG.2M]</sup> asked if<sup>[LG.1M]</sup> S.P. has<sup>[LG.2M]</sup> ever come across a patient with<sup>[LG.1M]</sup> brain stem death<sup>[LG.2M]</sup> having<sup>[LG.1M]</sup> had<sup>[LG.2M]</sup> an MRI with a ventilator.

S<sup>[LG.1M]</sup> P<sup>[LG.2M]</sup> explained that she has<sup>[LG.2M]</sup>. She report<sup>[LG.1M]</sup>ed that she thinks Gaia is not likely to deteriorate<sup>[LG.2M]</sup>, but they cannot be certain.<sup>[LG.1M]</sup>

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 1 of 4) (continued)**

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Sophie and Dorit then thanked the team.<sup>[LG.2M]</sup>

Electronically signed by Livia GOTTARDI at 20/7/2021 19:34

**Attribution Key**

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LG.1 - Livia GOTTARDI on 20/7/2021 15:35  
LG.2 - Livia GOTTARDI on 20/7/2021 18:42  
LG.3 - Livia GOTTARDI on 20/7/2021 18:08  
LG.4 - Livia GOTTARDI on 20/7/2021 17:23  
LG.5 - Livia GOTTARDI on 20/7/2021 17:31  
LG.6 - Livia GOTTARDI on 20/7/2021 19:33  
M - Manual

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**Sara POLHILL at 21/7/2021 10:14**

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Updated Gaia's Mother Dorit - that there is no report yet - but that we are chasing it - she understood and was grateful for update.

We will try to find staff from Gaia's initial admission to talk to them.

They will be in about 1200.<sup>[SP.1M]</sup>

Electronically signed by Sara POLHILL at 21/7/2021 10:15

**Attribution Key**

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SP.1 - Sara POLHILL on 21/7/2021 10:14  
M - Manual

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**Thomas SAMUELS at 21/7/2021 15:30**

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Acute Medicine IMT Samuels with ICU Cons Polhill

I was asked by the ICU team to meet with the family in order to give them a fuller account of the period that I looked after Gaia last weekend - essentially the day shift of 18th July between 8.30am and the time she was moved to ICU as per previous notes.

Present was her mother, Dorit, and her sister, Sophie, myself and Dr Polhill.

In brief, this period encompassed:

- Being made aware of the nursing team's concerns about Gaia's behaviour during the morning ward round, and diverting the Consultant ward round to review Gaia early, around 10.15.
- On reviewing her being concerned that she was unwell, with encephalitis being the differential of most concern, and so both expediting the investigation of with a CT scan and the management with both antibiotics and antivirals.
- We received a normal CT report in the early afternoon and so proceeded to an LP for Gaia, which FY1 Westby attempted under my direct supervision. This unfortunately was not successful and had to be abandoned as Gaia was too unsettled.

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 1 of 4) (continued)**

- During the interim between the two LPs, she was reviewed by the Neurology SpR who concurred with our diagnostic ideas and management plan.
- We then gave Gaia a small dose of IV morphine to settle her, before I proceeded with the second LP later in the afternoon, around 15.15.
- During the injection of local anaesthetic, Gaia was noticed to be unresponsive by Fy1 Westby, who was assisting me in the procedure. The events thereafter have been clearly documented previously by me, and I briefly took the family through these in a sensitive manner.

Both Dorit and Sophie had questions during the course of this explanation, which I answered as we went along to the best of my knowledge.

Key questions included:

- Was the recognition of the severity of Gaia's condition overnight delayed. I advised that I cannot speculate on events of which I was not a part of.
- How was she behaving when I initially reviewed her on the ward round. I advised that she was a bit drowsy, unsettled and complaining of a headache, but was able to answer questions and give a history of sorts. This of course concerned us and led us to expedite her investigations.
- About staffing levels on the ward. I advised there were three of us (medical team) covering AMU.
- About the suitability of allowing FY1 Westby to carry out the first LP. I replied that Dr Westby has done several of these before and carried out the procedure with great competence, directly supervised by myself who is independently competent to do these procedures. Sometimes they are unsuccessful and it was on the first occasion, especially as Gaia being unsettled added an extra layer of difficulty. At this stage, Gaia had remained clinically stable throughout with no change in the consciousness level and whilst doing the LP that afternoon was important we didn't feel it was inappropriate given what was known at the time for Dr Westby to attempt it first.
- Sophie asked a question about monitoring during the administration of IV morphine. I advised that clinical staff were with Gaia almost constantly after the event and at no point did we have concern that she was having an adverse reaction to this.
- Dorit asked about whether Gaia's clinical status changed over the course of the day as she finds it hard to believe she deteriorated so quickly. I replied that she remained very much the same through most of the day, behaving in a concerning fashion as I outlined above but importantly not deteriorating in terms of her consciousness level or level of agitation. As we started the 2nd LP, she complained of a worsening headache, but prior to her respiratory arrest that was the only overt change. Dr Polhill also added an explanation of the pathological process of coning and that especially in the brains of younger adults, which are larger and so have less relative space in the cranial vault to compensate, it can occur very swiftly. Both Sophie and Dorit seemed to accept this explanation.

We ended the discussion with me expressing my condolences to the family. They asked if Gaia suffered during the day and I replied that whilst Gaia was uncomfortable with a likely severe headache, she wasn't overtly distressed or scared and remained so throughout the time I looked after her. I spent a lot of time with her during the day and she didn't spend much of it alone, with lots of medical and nursing staff being in and out of her bed space. Dorit explained that Gaia was very afraid of needles and she had concerns about how this was managed. I advised that Gaia managed the LPs we did really well, without distress.

Sophie and Dorit both thanked me for taking the time to talk to them and without any further questions at this stage, we ended the conversation there.<sup>[TS.1M]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 1 of 4) (continued)**

Electronically signed by Thomas SAMUELS at 22/7/2021 09:01

**Attribution Key**

TS.1 - Thomas SAMUELS on 22/7/2021 08:27

M - Manual

**Sara POLHILL at 22/7/2021 00:14**

Written in retrospect due to busy day:<sup>[SP.1M]</sup>

I had a discussion with Prof Geoff Bellingan about the criteria for BST - a diagnosis or cause consistent with the clinical picture is required.

We have a cause of death - the tonsillar herniation - or coning as a result of the raised ICP - although we do not truly understand the cause of the raised ICP - there may be an infective cause - appearances are consistent on imaging and she did have a low grade temperature.

However; she has already been d/w the coroner and will be referred to the coroner for a post mortem and inquest - there will be further scrutiny.

And, because this is an injury with no hope of neurological recovery - we have agreed with her Mother and Sister that we would proceed to palliative extubation and organ donation even if she was not confirmed to be brain stem dead.

We discussed whether an LP moving forward may be useful.<sup>[SP.2M]</sup>

@1245<sup>[SP.1M]</sup> 1.5 hour<sup>[SP.3M]</sup> Update with Mother and Sister<sup>[SP.1M]</sup>

Summary:

It does not show a cot.

It has appearances which are somewhat non specific and are consistent with an infective process or with drugs.<sup>[SP.2M]</sup>

We talked through the MRI s<sup>[SP.3M]</sup> can result<sup>[SP.1M]</sup> and went through every detail of the report<sup>[SP.3M]</sup> and I attempted to explain what every word and phrase meant.<sup>[SP.2M]</sup>

I also went through<sup>[SP.3M]</sup> Dr Heaney's<sup>[SP.3M]</sup> opinion following<sup>[SP.2M]</sup> review of the scan<sup>[SP.3M]</sup> with the neuroradiologists.<sup>[SP.2M]</sup>

Following d/w Prof Bellingan - we feel we can proceed with BST.<sup>[SP.4M]</sup>

We also discussed, at their suggestion whether we should do an LP now.

I have said this is entirely possible - however that it may cause a further disruption to her brain which may result in cardiac arrest which would affect her ability to donate organs.<sup>[SP.2M]</sup> I will happily do whatever they want - and have been clear my primary duty of care is to Gaia and to them - and not to the organ donation team and recipients - but I have described this concern as I understand that organ donation is important to them.<sup>[SP.4M]</sup>

I offered to d/w a pathologist to see whether it could be done post retrieval.

(I subsequently spoke to Dr Mary Falzon who confirmed that taking the CSF just after the retrieval should not alter

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 1 of 4) (continued)**

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the likelihood of of altering the quality of the sample for testing.)

I was explicit - that we can attempt to take the CSF (before testing after testing or after retrieval - if appropriate) - but that firstly we cannot always get to the fluid - and she had 2 failed attempts previously, and that even if we can get some fluid - we may not be able to grow anything - either because she never had an infection, or because she has received antibiotics and antivirals, or because we sometimes are just unable to culture anything.<sup>[SP.2M]</sup>

They thanked me for spending so much time with them going through everything and answering their questions. Dorit and I embraced as I expressed my sympathies.<sup>[SP.4M]</sup>

Electronically signed by Sara POLHILL at 22/7/2021 12:20

**Attribution Key**

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SP.1 - Sara POLHILL on 22/7/2021 00:14  
SP.2 - Sara POLHILL on 22/7/2021 10:18  
SP.3 - Sara POLHILL on 22/7/2021 00:32  
SP.4 - Sara POLHILL on 22/7/2021 12:15  
M - Manual

**Sara POLHILL at 22/7/2021 00:16**

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Written in retrospect due to busy day:

Afternoon; Meeting with Mother and Sister with Tom Samuels from AMU<sup>[SP.1M]</sup>

Please see his detailed entry.<sup>[SP.2M]</sup>

Electronically signed by Sara POLHILL at 22/7/2021 10:49

**Attribution Key**

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SP.1 - Sara POLHILL on 22/7/2021 00:16  
SP.2 - Sara POLHILL on 22/7/2021 10:47  
M - Manual

**Sara POLHILL at 22/7/2021 00:18**

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Written in retrospect due to busy day

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 1 of 4) (continued)**

@1800 d/w Mother and Sister Re CSF<sup>[SP.1M]</sup>

I updated Dorit and Sophie about my d/w Dr Falzon, and after discussion - we agreed to take the CSF after the retrieval - with the previously mentioned caveats.<sup>[SP.2M]</sup>

They also asked questions following the discussion with Dr Sammuels:

Could the morphine have caused the resp arrest?

I think a dose of 2.5 mg in a young patient would generally considered to be a relatively small dose - even for someone opiate naive.

With a large enough dose to affect the breathing and certainly to stop it - this would likely be soon after administration if given IV rather than 20 mins later and would be very unusual at this dose.

The breathing can be affected (slowed) - and with a smaller dose this breathing rate may have slowed gradually, but it would be relatively unusual not to have some drowsiness associated with it.

Was there raised ICP on the first scan?

The first Ct head scan was reported by a consultant radiologist and did not show overt signs of raised ICP. The scan is done both as part of the clinical work up to aid in diagnosis and treatment and also done to make performing LP safer.

As ICP rising over time as swelling gets worse - the changes in appearance will become clearer over time - which is perhaps why the raised ICP was clear on the repeat scan.

Some changes in the brain are so subtle on scans - that only retrospectively - once the clinical picture changes/matures and further imaging is done and reviewed with the "eye of faith" can those really subtle changes be seen.

Also sometimes the appearances lag behind the clinical picture.

eg strokes - a person may have a clot type stroke and be affected clinically - but there may not be signs of the stroke or changes on the CT scan for many days afterwards.

Scans are only 2D pictures and should always be interpreted with caution.

Could the LP have caused the resp arrest due to coning?

Certainly if there is significantly raised ICP and an LP is done this can cause coning.

The CT was reported as normal and at neither attempt was CSF successfully collected which suggests the dura was not breached.

However we cannot say for certain.

The fact that she had a headache with vomiting - may well represent an increase in ICP prior to coming into hospital and the pressure may have been changing over a relatively short period of time - so I wonder whether the coning could have been spontaneous.

Answered all questions<sup>[SP.3M]</sup>

They thanked me for all the time I had spent with them and all the answers.<sup>[SP.4M]</sup>

I have committed to preparing the coroner's referral myself to ensure that it is detailed and addresses their concerns, but have also explained that they will have an opportunity to mention their concerns to the Coroner so

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 1 of 4) (continued)**

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that may direct the focus of the reports which will be requested by the coroner from the relevant clinicians for the inquest.

I will also highlight these to the ME (which cannot be me as I have been involved with Gaia's clinical care).<sup>[SP.5M]</sup>

Electronically signed by Sara POLHILL at 22/7/2021 12:15

**Attribution Key**

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SP.1 - Sara POLHILL on 22/7/2021 00:18  
SP.2 - Sara POLHILL on 22/7/2021 10:49  
SP.3 - Sara POLHILL on 22/7/2021 11:10  
SP.4 - Sara POLHILL on 22/7/2021 12:15  
SP.5 - Sara POLHILL on 22/7/2021 12:09  
M - Manual

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**Sara POLHILL at 22/7/2021 00:19**

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Written in retrospect due to busy day:

@2130 D/W Mother , Mother's friend and Sister:

I confirmed that sadly our tests, as expected had confirmed brain stem death, and so her official time of death was 2025 21/7/21 - after completion of the first set of tests.

I extended my deepest sympathies.

I have confirmed that we will keep things as they are - and that now the only things we will do to Gaia are to keep her electrolytes, BP and Na within range - to keep her organs in the best condition.

The SNODs will keep them updated about potential recipients.

Answered all questions - and was thanked by them.<sup>[SP.1M]</sup>

Electronically signed by Sara POLHILL at 22/7/2021 00:24

**Attribution Key**

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SP.1 - Sara POLHILL on 22/7/2021 00:19  
M - Manual

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**Sara POLHILL at 22/7/2021 11:53**

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I have been to see Dorit and Sophie this morning, at which time they asked me whether if it is encephalitis this could be related to Covid?

I have said that Covid is a new disease and we are still learning about it - but she has had 2 negative Covid tests and she did not have any breathing or lung symptoms.

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 1 of 4) (continued)**

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The transplant teams are not retrieving her lungs - so they will remain in Gaia's body and so they will be present for the PM should the coroner want them examined - but she had not originally requested them.<sup>[SP.1M]</sup>

They would like her lungs to be examined.<sup>[SP.2M]</sup>

I have told them that Dr Wint Mon - a consultant Anaesthetist colleague will be looking after Gaia during the retrieval procedure - and that she is a very good anaesthetist - but also a very kind and gentle person - so I know she will look after Gaia. Abba will be palying in the theatre at their request.

I have told them I would be happy for them to contact me through ICU should they wish to talk in the future and that I will porbably see them at Gaia's inquest.

I expressed my sincere sympathies and best wishes.

They thanked me for everything.<sup>[SP.1M]</sup>

Electronically signed by Sara POLHILL at 22/7/2021 12:14

**Attribution Key**

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SP.1 - Sara POLHILL on 22/7/2021 11:53

SP.2 - Sara POLHILL on 22/7/2021 12:14

M - Manual

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4)**

**ICU Ward Round**

**Alasdair SUMMERS at 18/7/2021 21:35**

ICU Night Review

Length of Stay:<sup>[AS.1T]</sup> 13h<sup>[AS.2T]</sup>

Timeline<sup>[AS.1T]</sup>

17/7: attended A/E onset headache/vomiting around 18h00; BIBA, given 4mg ondansetron. In department issues w/ acute confusion/odd behaviour. IVI started, admitted medics. Noted hyponatraemia.

Ethanol level <100, Salicylate neg, CK 54

18/7:

Rev

iewed medics - concern encephalitis. For CTH + LP

Commenced ceftriaxone + aciclovir

CTH 1315: No acute intracranial finding

Unresponsive during LP > see separate note 18/7 16h00

Repeat CTH 17h00 : Slight degradation of grey-white matter diffe

rentiation as well as loss of sulcal spaces. Low-lying tonsils. In combination with the drop in GCS these findings are suspicious for generalised brain oedema. Cerebellar tonsils are at 1 cm below the foramen magnum.

D/W neurosurgery - not amenable

to intervention

D/W neurology - CTV/CTA; continue tx for meningoencephalitis, Mannitol, send off urinary Na+, urine and plasma osmolality

CTA/CTV 18/7 21h00

- opacification in the common carotid arteries with no flow within internal carotid a  
rteries (ICAs)

- essentially no arterial flow to the brain

- raised intracranial pressure, very tight appearances, some grey/white matter differentiation

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Consultant discussion ICU (Harris), Neurosurgery (Castanho), Neurology (Heaney) and Stroke (Saber). All in agreement that there was no intervention or treatment possible

and that there was no hope of recovery. Working diagnosis of cerebral venous sinus thrombosis.

ICU for organ support and ongoing management. Initially neuroprotective measures but stopped following CTV/CTA and consultant discussion. SNOD referra

l made.

Family attended in ICU - mother Dorit, stepfather, stepsister. To come back in next morning.<sup>[AS.2T]</sup>

Background and SH<sup>[AS.1T]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

PMH atopy.

Eczema hayfever

Multiple allergies but to cosmetics mostly, no anaphylaxis and no drug allergies

Usually manifests as a rash

Non smoker

Drinks in moderation.

Works in a tech company in their product support division.

Keen cycli

st

High functioning cognitively.

Covid H: 2x COVID vacc Pfizer in Jan/March<sup>[AS.2T]</sup>

Night Summary<sup>[AS.1T]</sup>

Issues

1. Ischaemic brain injury
2. Electrolyte derangement - initially hyponatraemia

Review<sup>[AS.3M]</sup>

A - ETT 7 23cm at lips

B - PEEP 5 PS 8 TV 335. fiO2 0.35, sats 98.

Last ABG: pO2 18 pCO2 4.97

Avoid hypoxaemia + maintain normocapnia

Aim pO2 10-12; pCO2 3.5-5.0

C - PPWP. HR NSR 90.

MAP 83 - metaraminol 10ml/h. CVC inserted can switch to norad aiming MAP 80-90

D - fixed and dilated. Mannitol given prior to transfer up from CT approx 21h00.

Propofol 8 fentanyl 2 running. RASS -4

E - No feed at present. Glucose 8.4. Will prescribe PPI

LFTs NAD. Paracetamol -ve.

No rash torso or limbs. Notes rash at LP site however cannot assess

F - No background fluid at present. Use NaCl but watch Na rise.

G - glucose 8.4. Aim 6-10.

H - hb 131. plts 242. INR 1.1

LMWH not prescribed - review once scans discussed

I - Ceftriaxone + aciclovir - cover meningitis/encephalitis

?Contact cover and PH referral

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

K - IDC. Passing large volumes clear urine. If worsening polyuria concern DI?

L - PVC R hand. A line R hand. CVC R fem.

Plan

Discussion with Consultant Harris

- no longer for neuroprotective
- normal organ protection
- wean sedation overnight (if remains comfortable), aiming to test for DNC<sup>[AS.1M]</sup>
- <sup>[AS.4M]</sup> background NaCl 0.9%<sup>[AS.5M]</sup>, slow correction Na not more than 8mmol/24<sup>[AS.3M]</sup>
- LMWH prophylactic dose<sup>[AS.5M]</sup>

Await plan from Dr Harris

A Summers SHO<sup>[AS.1M]</sup>

////////////////////////////////////

DNC parameters for testing - from ficm form based on<sup>[AS.6M]</sup> A Code of Practice for the Diagnosis and Confirmation of Death<sup>[AS.6C]</sup>

- aim MAP >60, HR 60-100
- normocapnia pCO<sub>2</sub> <6.0; avoid hypoxia pO<sub>2</sub> >10; pH 7.35-7.45
- normothermic, keep >34
- Na 115-1<sup>[AS.6M]</sup>6<sup>[AS.7M]</sup>0, K >2, PO<sub>4</sub> 0.5-3, Mg 0.5-3
- glucose 3-20

Has not been on prolonged infusions prop + fent, aiming to wean off by morning and document times stopped.  
Given Roc at 16h10.<sup>[AS.6M]</sup>

////////////////////////////////////

Rising Na, high urine output.  
Have requested osmolality for serum on last bloods.  
NS to kindly send urine Na and paired serum/plasma osmo

D/W SpR; d/w Cons Harris  
Hold desmopressin for now unless Na >155

Plan

To aim to match fluid output with hartmanns/5%glucose  
Chase osmos and urine Na  
If Na >155 then 1mcg desmo IV<sup>[AS.7M]</sup>

////////////////////////////////////

Issues overnight  
- hypothermia requiring cocoon warming

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

- rising Na and polyuria + rising Cl: initial plan to match output however continues to worsen. Last Na 154, plasma osmo 298. Awaiting urine Na and paired osmo<sup>[AS.3M]</sup>

Na now 157, remains polyuric. D/W SpR. For desmopressin.  
PO4 called to NS handed over as 0.2. To replace<sup>[AS.8M]</sup>

Electronically signed by Alasdair SUMMERS at 19/7/2021 07:39

**Attribution Key**

AS.1 - Alasdair SUMMERS on 18/7/2021 21:35  
AS.2 - Alasdair SUMMERS on 19/7/2021 07:12  
AS.3 - Alasdair SUMMERS on 19/7/2021 06:51  
AS.4 - Alasdair SUMMERS on 18/7/2021 22:10  
AS.5 - Alasdair SUMMERS on 18/7/2021 22:17  
AS.6 - Alasdair SUMMERS on 19/7/2021 00:43  
AS.7 - Alasdair SUMMERS on 19/7/2021 02:19  
AS.8 - Alasdair SUMMERS on 19/7/2021 07:38  
C - Copied, M - Manual, T - Template

**Livia GOTTARDI at 19/7/2021 09:34**

## ICU Daily Ward Round

ICU Consultant:<sup>[LG.1T]</sup> [Ronnie Marsh](#)<sup>[LG.1M]</sup>

Length of Stay:<sup>[LG.1T]</sup> [17h](#)<sup>[LG.2T]</sup>

Timeline<sup>[LG.1T]</sup>

17/7: attended A/E onset headache/vomiting around 18h00; BIBA, given 4mg ondansetron. In department issues w/ acute confusion/odd behaviour. IVI started, admitted medics. Noted hyponatraemia.  
Ethanol level <100, Salicylate neg, CK 54

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Reviewed medics - concern encephalitis. For CTH + LP  
Commenced ceftriaxone + aciclovir  
CTH 1315: No acute intracranial finding  
Unresponsive during LP > see separate note 18/7 16h00

Repeat CTH 17h00 : Slight degradation of grey-white matter differentiation as well as loss of sulcal spaces. Low-lying tonsils. In combination with the drop in GCS these findings are suspicious for generalised brain oedema.  
Cerebellar tonsils are at 1 cm below the foramen magnum.

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

osmolality

CTA/CTV 18/7 21h00

- opacification in the common carotid arteries with no flow within internal carotid arteries (ICAs)
- essentially no arterial flow to the brain
- raised intracranial pressure, very tight appearances, some grey/white matter differentiation
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Consultant discussion ICU (Harris), Neurosurgery (Castanho), Neurology (Heaney) and Stroke (Saber). All in agreement that there was no intervention or treatment possible and that there was no hope of recovery. Working diagnosis of cerebral venous sinus thrombosis.

ICU for organ support and ongoing management. Initially neuroprotective measures but stopped following CTV/CTA and consultant discussion. SNOD referral made.

Family attended in ICU - mother Dorit, stepfather, stepsister. To come back in next morning.<sup>[LG.2T]</sup>

Ongoing ICU Issues

Outstanding Tasks

Background and SH<sup>[LG.1T]</sup>

PMH atopy.

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High functioning cognitively.

Covid H: 2x COVID vacc Pfizer in Jan/March<sup>[LG.2T]</sup>

Developments in the last 24 hours<sup>[LG.1T]</sup>

Admitted to ICU post respiratory arrest and CTH

CTA showed no arterial flow to brain

Continued organ support<sup>[LG.1M]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

Subjective Assessment

Objective Assessment

Airway<sup>[LG.1T]</sup>

Endotracheal tube<sup>[LG.2T]</sup>

Ventilator<sup>[LG.1T]</sup>

Vent Mode: Synchronised intermittent mandatory ventilation/pressure control

FiO2 (%): [25 %-60 %] 25 %

S RR: [16] 16

PEEP achieved (cmH2O): [4.5 cm H2O-4.8 cm H2O] 4.8 cm H2O

PR SUP: [8 cm H2O-10 cm H2O] 10 cm H2O

A VT: [308 mL-411.2 mL] 411.2 mL<sup>[LG.2T]</sup>

Chest clear

PH 7.44, PO2 14, PCO2 4.65. HCO3 24, BE -0.7<sup>[LG.1M]</sup>

Circulation<sup>[LG.1T]</sup>

NSR<sup>[LG.2T]</sup>; HR:<sup>[LG.1T]</sup> 93<sup>[LG.2T]</sup>/min; BP:<sup>[LG.1T]</sup> (!) 82/52<sup>[LG.2T]</sup>mmHg;<sup>[LG.1T]</sup>

WWP, cap refill <2s, 97/46, HR 96 MAP 97

Lac 0.7

Desmopressin<sup>[LG.1M]</sup>

Neurology<sup>[LG.1T]</sup>

Eye Opening: None/Not able to obtain (eg eyes closed by swelling)

Best Verbal Response: None/Not able to obtain (eg ET or tracheostomy tube)

Best Motor Response: None

Glasgow Coma Scale Score: 3<sup>[LG.2T]</sup>

Right Pupil: size<sup>[LG.1T]</sup> 8<sup>[LG.2T]</sup>,<sup>[LG.1T]</sup> Nonreactive<sup>[LG.2T]</sup>

Left Pupil: size<sup>[LG.1T]</sup> 8<sup>[LG.2T]</sup>,<sup>[LG.1T]</sup> Nonreactive<sup>[LG.2T]</sup>

RASS -5

Sedated on propofol and fentanyl<sup>[LG.1M]</sup>

Abdomen<sup>[LG.1T]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

Bowel Opened?: No (19/07/21)<sup>[LG.2T]</sup>

Soft

LFTs NAD<sup>[LG.1M]</sup>

Renal and Fluid Balance<sup>[LG.1T]</sup>

Results from the last 3 days

	18/07/21 15:59	18/07/21 23:44	19/07/21 06:10
UREA	--	2.9	3.0
CREATININE	52	50	54
EGFR	>90	>90	>90
MAGNESIUM	0.62	1.65*	1.15* <sup>[LG.2T]</sup>

Na 153, K 3.3

Mg 1.15, Ca 2.41

FB -770ml today, -91ml yesterday

UO 3L since midnight<sup>[LG.1M]</sup>

Urine Tox screen negative noted<sup>[LG.3M]</sup>

Haematology<sup>[LG.1T]</sup>

Results from the last 3 days

	18/07/21 01:35	18/07/21 15:59	18/07/21 23:30	18/07/21 23:49	19/07/21 06:10
HAEMOGLOBIN	126	131	--	138	128
PLATELET	195	242	--	258	237
INR	1.14	Coagulation sample underfilled. Please repeat.	1.04	--	-- <sup>[LG.2T]</sup>

PLT 237

Clotting normal

Noted raised D dimer

Infection<sup>[LG.1M]</sup>

No active infections<sup>[LG.2T]</sup>

WCC 18

Nt 17

CRP 4.8

Off antibiotics (ceftriaxone and aciclovir stopped)<sup>[LG.1M]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

Nutrition

Lines<sup>[LG.1T]</sup>

Lines, Drains, and Airways

Central venous catheter

CVC Quadruple Lumen 18/07/21 Right Femoral <1 day

Peripheral venous catheter

Peripheral IV 18/07/21 Anterior;Distal;Right Forearm 1 day

Peripheral IV 18/07/21 Left Antecubital 1 day<sup>[LG.2T]</sup>

CVC Rt femoral

x4 peripheral lines<sup>[LG.1M]</sup>

Thromboprophylaxis<sup>[LG.1T]</sup>

Results from the last 3 days

	18/07/21	18/07/21	19/07/21
	15:59	23:44	06:10
EGFR	>90	>90	>90 <sup>[LG.2T]</sup>

Prophylactic dose<sup>[LG.1M]</sup>

Rationale if dose is non-standard or adjusted:

Gastric Ulcer Prophylaxis<sup>[LG.1T]</sup>

PPI<sup>[LG.1M]</sup>

Glucose Control<sup>[LG.1T]</sup>

Results from the last 3 days

	19/07/21	19/07/21	19/07/21
	06:20	07:20	10:07
GLUCOSE	8.9*	10.0*	11.1* <sup>[LG.2T]</sup>

Sedation<sup>[LG.1T]</sup>

Fentanyl<sup>[LG.1M]</sup> 50 micrograms/hr<sup>[LG.2T]</sup>

Propofol<sup>[LG.1M]</sup> \*200 mg/hr<sup>[LG.2T]</sup>

Communication<sup>[LG.1T]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

NOK visit at 10:00<sup>[LG.1M]</sup>

Targets

MAP:<sup>[LG.1T]</sup> 70 - 80mmHg<sup>[LG.2T]</sup>

SpO<sub>2</sub>:<sup>[LG.1T]</sup> 94 - 98%<sup>[LG.2T]</sup>

PaO<sub>2</sub>:<sup>[LG.1T]</sup> 10 - 13kPa<sup>[LG.2T]</sup>

PaCO<sub>2</sub>:<sup>[LG.1T]</sup> <5kPa<sup>[LG.2T]</sup>

PH:<sup>[LG.1T]</sup> 7.35 - 7.45<sup>[LG.2T]</sup>

Hb:<sup>[LG.1T]</sup> 80 - 100g/L<sup>[LG.2T]</sup>

FB:<sup>[LG.1T]</sup> Neutral<sup>[LG.2T]</sup>

RASS:<sup>[LG.1T]</sup> 0<sup>[LG.2T]</sup>

Ready for discharge:<sup>[LG.1T]</sup> No<sup>[LG.2T]</sup>

Plan<sup>[LG.1T]</sup>

1. Not for neuroprotection measures as per overnight discussion with Neurosurgery, Neurology and Stroke<sup>[LG.1M]</sup>
  - aim MAP >6<sup>[LG.1C]</sup>5
  - Wean sedation once family have arrived (for BSD)
2. Aim Na <160
3. Aim Mg >1, K >4.0
4. Replace phosphate
5. FB 500ml - 1000ml<sup>[LG.1M]</sup> (to give one 500ml bolus hartmanns now and review)<sup>[LG.4M]</sup>

As per WR

Discussion with Dr Haeney - Neurology consultant

Will be reviewing the case in depth and joining Consultant Marsh in family discussion this pm. Unable to consider brainstem death testing at present due to uncertain primary dx of brain injury<sup>[LG.3M]</sup>

Respiratory

\_<sup>[LG.5M]</sup> Optimise ventilation

- Aim pCO<sub>2</sub> 4.5 - 5, PO<sub>2</sub> >10<sup>[LG.3M]</sup>

Circulation

- FB Neutral

- Bolus of Hartmanns now

Neurology

\_<sup>[LG.5M]</sup> Observe for seizure activity - consider anticonvulsants<sup>[LG.3M]</sup>

\_<sup>[LG.5M]</sup> If febrile >38 again then take peripheral blood cultures<sup>[LG.3M]</sup>

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 2 of 4) (continued)**

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- \_[LG.5M] Stop sedation<sup>[LG.3M]</sup>
- \_[LG.5M] Keep normothermic - regular paracetamol<sup>[LG.3M]</sup>

**Electrolytes**

- \_[LG.5M] Top up potassium<sup>[LG.3M]</sup>
- \_[LG.5M] Na - Aim 150-160
- Please follow queens square hypernatremia protocol<sup>[LG.3M]</sup>
- \_[LG.5M] Repeat phosphate this pm<sup>[LG.3M]</sup>
- Mg >1, K 4.0<sup>[LG.6M]</sup>

**GI**

- \_[LG.5M] Insulin sliding scale Aim BM 6<sup>[LG.3M]</sup> <sup>[LG.5M]</sup> 10<sup>[LG.3M]</sup>
- \_[LG.5M] Start PPI<sup>[LG.3M]</sup>
- \_[LG.5M] NG tube and start feed

**Family<sup>[LG.3M]</sup>**

- To be<sup>[LG.5M]</sup> update<sup>[LG.3M]</sup>d, due for visit 10am<sup>[LG.5M]</sup>

Electronically signed by Livia GOTTARDI at 19/7/2021 13:40

**Attribution Key**

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LG.1 - Livia GOTTARDI on 19/7/2021 09:34  
LG.2 - Livia GOTTARDI on 19/7/2021 10:35  
LG.3 - Livia GOTTARDI on 19/7/2021 10:25  
LG.4 - Livia GOTTARDI on 19/7/2021 09:56  
LG.5 - Livia GOTTARDI on 19/7/2021 10:43  
LG.6 - Livia GOTTARDI on 19/7/2021 13:38  
C - Copied, M - Manual, T - Template

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**Angus DE WILTON at 19/7/2021 18:53**

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ICU PM Ward Round<sup>[AD.1T]</sup>

Dr Marsh

Off sedation since this morning  
Pupils remain fixed and dilated  
No cough on suction  
No triggering of ventilating  
No further spikes temperature  
Neuro-protective parameters maintained  
Sodium 150-160  
Neutral balance

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 2 of 4) (continued)**

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Electrolytes continue to be topped up  
NG has been started

MRI requested - unfortunately won't be able to be done tomorrow will need to be chased up tomorrow

Need to confirm blood tests required by neurologists - to call Neurology SpR to confirm which these are

Otherwise continue current management<sup>[AD.1M]</sup>

Electronically signed by Angus DE WILTON at 19/7/2021 18:55

**Attribution Key**

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AD.1 - Angus DE WILTON on 19/7/2021 18:53  
M - Manual, T - Template

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**Rebecca MCMILLAN at 20/7/2021 00:39**

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ICU Night Review

Length of Stay: 1d 7h

Timeline

17/7: attended A/E onset headache/vomiting around 18h00; BIBA, given 4mg ondansetron. In department issues w/ acute confusion/odd behaviour. IVI started, admitted medics. Noted hyponatraemia.  
Ethanol level <100, Salicylate neg, CK 54

18/7:

Rev

Reviewed medics - concern encephalitis. For CTH + LP

Commenced ceftriaxone + aciclovir

CTH 1315: No acute intracranial finding

Unresponsive during LP > see separate note 18/7 16h00

Repeat CTH 17h00 : Slight degradation of grey-white matter differentiation as well as loss of sulcal spaces. Low-lying tonsils. In combination with the drop in GCS these findings are suspicious for generalised brain oedema. Cerebellar tonsils are at 1 cm below the foramen magnum.

D/W neurosurgery - not amenable to intervention

D/W neurology - CTV/CTA; continue tx for meningoencephalitis, Mannitol, send off urinary Na+, urine and plasma osmolality

CTA/CTV 18/7 21h00

- opacification in the common carotid arteries with no flow within internal carotid arteries (ICAs)

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

- no obvious thrombus within superior sagittal sinus thrombus or transverse sinus though this may represent a reverse subarachnoid sign according to the neuroradiologist

Consultant discussion ICU (Harris), Neurosurgery (Castanho), Neurology (Heaney) and Stroke (Saber). All in agreement that there was no intervention or treatment possible and that there was no hope of recovery. Working diagnosis of cerebral venous sinus thrombosis.

ICU for organ support and ongoing management. Initially neuroprotective measures but stopped following CTV/CTA and consultant discussion. SNOD referral made.

Family attended in ICU - mother Dorit, stepfather, stepsister. To come back in next morning.

### Ongoing ICU Issues

### Background and SH

PMH atopy.

Eczema hayfever

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Keen cyclist

Smart

High functioning cognitively.

Covid H: 2x COVID vacc Pfizer in Jan/March

### Night<sup>[RM.1T]</sup> Review

A- ETT

B- FiO<sub>2</sub> 25% PS 10 PEEP 5  
Sats 96% RR 20

C- BP 124/65 HR 114  
Became tachycardic this evening  
Norad 0.04

D- Off sedation  
GCS 3

---

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 2 of 4) (continued)**

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E- Na 159 K 3.7  
Mg 0.96 Phos 0.54

F- FB yesterday -170ml  
Urine output last 24hrs 5030ml  
UO last 3hrs 500/650/450 ml  
Had desmopressin this AM  
Has dextrose<sup>[RM.1M]</sup> r<sup>[RM.2M]</sup>unning at 100ml/hr

G- NGT fed  
?to change to low Na feed

H- Hb 128 PLT 237 WCC 18.5

I- off abx/antivirals

Enox 40mg prophylaxis

Plan  
1) further dose of desmopressin  
2) ?change to low sodium feed- will confirm with SpR  
3) continue background fluids at same rate  
4) bloods in AM as requested by neurology

R McMillan  
ACCS EM ST2<sup>[RM.1M]</sup>

Electronically signed by Rebecca MCMILLAN at 20/7/2021 02:20

**Attribution Key**

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RM.1 - Rebecca MCMILLAN on 20/7/2021 00:39  
RM.2 - Rebecca MCMILLAN on 20/7/2021 02:20  
M - Manual, T - Template

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**Livia GOTTARDI at 20/7/2021 08:54**

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## ICU Daily Ward Round

ICU Consultant:<sup>[LG.1T]</sup> [Sara Polhill](#)<sup>[LG.1M]</sup>

Length of Stay: **1d 15h**

Timeline

[17/7: attended A/E onset headache/vomiting around 18h00; BIBA, given 4mg ondansetron. In department issues](#)

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

w/ acute confusion/odd behaviour. IVI started, admitted medics. Noted hyponatraemia.  
Ethanol level <100, Salicylate neg, CK 54

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**Clinical Notes (group 2 of 4) (continued)**

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Keen cyclist

High functioning cognitively.

Covid H: 2x COVID vacc Pfizer in Jan/March

Developments in the last 24 hours<sup>[LG.1T]</sup>

Discussion with family - MRI booked

Worsening hypernatremia

Sinus tachycardia overnight<sup>[LG.1M]</sup>

Objective Assessment

Airway

Endotracheal tube

Ventilaton

Vent Mode: Synchronised intermittent mandatory ventilation/pressure control

FiO2 (%): [21 %-25 %] 25 %

S RR: [14-20] 18

PEEP achieved (cmH2O): [4.5 cm H2O-5 cm H2O] 4.9 cm H2O

PR SUP: [10 cm H2O] 10 cm H2O

A VT: [291.2 mL-411.2 mL] 339.6 mL<sup>[LG.1T]</sup>

SIMV, PEEP 5, PS 10, PC 12. TV 350,

PH 7.48, PO2 20, PCO2 4.5, HCO3 26, BE 1.4<sup>[LG.1M]</sup>

Chest clear

Minimal secretions<sup>[LG.2M]</sup>

Circulation

NSR; HR: 83/min; BP: (!) 82/52mmHg<sup>[LG.1T]</sup>

BP 84/50, MAP 63. Hr 84<sup>[LG.1M]</sup>

WWP, cap refill <2s. Calves SNT, nil peripheral oedema

Norad 0.12<sup>[LG.2M]</sup>

Neurology

Eye Opening: None/Not able to obtain (eg eyes closed by swelling)

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

Best Verbal Response: None/Not able to obtain (eg ET or tracheostomy tube)

Best Motor Response: None

Glasgow Coma Scale Score: 3

Right Pupil: size 8, Nonreactive

Left Pupil: size 8, Nonreactive<sup>[LG.1T]</sup>

RASS -5

Pupils fixed and dilated<sup>[LG.1M]</sup>

Abdomen

Bowel Opened?: No (20/07/21)<sup>[LG.1T]</sup>

LFTs NAD<sup>[LG.1M]</sup>

Renal and Fluid Balance

Results from the last 3 days

	19/07/21 06:10	19/07/21 14:52	20/07/21 04:50
UREA	3.0	3.2	1.5*
CREATININE	54	61	61
EGFR	>90	>90	>90
MAGNESIUM	1.15*	0.96	1.05* <sup>[LG.1T]</sup>

FB -300ml today, -110ml yesterday

UO 65 - 100ml/hr

Na 160, K 4.1. Cr 61

Mg 1.05, Ca 2.32<sup>[LG.1M]</sup>

Haematology

Results from the last 3 days

	18/07/21 15:59	18/07/21 23:30	18/07/21 23:49	19/07/21 06:10	20/07/21 04:50
HAEMOGLOBIN	131	--	138	128	131
PLATELET	242	--	258	237	217
INR	Coagulation sample underfilled. Please repeat.	1.04	--	--	1.16 <sup>[LG.1T]</sup>

Hb 131, PLT 217

Clotting - PT 12.6, otherwise NAD

Vitamin B12 noted to be normal<sup>[LG.1M]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

Infection

No active infections<sup>[LG.1T]</sup>

Afebrile for >24 hours

WCC 14 (18)

CRP 32 (4)

Off antibiotics<sup>[LG.1M]</sup>

Nutrition<sup>[LG.1T]</sup>

NG Feed - Full<sup>[LG.1M]</sup>

Lines

Lines, Drains, and Airways

Central venous catheter

CVC Quadruple Lumen 18/07/21 Right Femoral 1 day

Peripheral venous catheter

Peripheral IV 18/07/21 Left Antecubital 2 days

Peripheral IV 18/07/21 Left;Anterior Forearm 1 day

Thromboprophylaxis

Results from the last 3 days

	19/07/21 06:10	19/07/21 14:52	20/07/21 04:50
EGFR	>90	>90	>90 <sup>[LG.1T]</sup>

Prophylactic dose<sup>[LG.1M]</sup>

Rationale if dose is non-standard or adjusted:

Gastric Ulcer Prophylaxis<sup>[LG.1T]</sup>

PPI<sup>[LG.1M]</sup>

Glucose Control

Results from the last 3 days

	20/07/21 01:52	20/07/21 04:57	20/07/21 07:58
GLUCOSE	8.2*	7.7*	7.4*

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

Sedation<sup>[LG.1T]</sup>

Off sedation<sup>[LG.1M]</sup>

Communication<sup>[LG.1T]</sup>

NOK visitation today, discussion with consultant yesterday<sup>[LG.1M]</sup>

Targets

MAP: 70 - 80mmHg

SpO2: 94 - 98%

PaO2: 10 - 13kPa

PaCO2: <5kPa

PH: 7.35 - 7.45

Hb: 80 - 100g/L

FB: Neutral

RASS: 0

Ready for discharge: No

Plan<sup>[LG.1T]</sup>

Ventilation

- Reduce FiO2
- Aim PO2 >10, PCO2 4.5 - 5

Circulation

- 500ml hartmanns bolus<sup>[LG.1M]</sup> <sup>[LG.1T]</sup>
- Continue background fluids<sup>[LG.1M]</sup>
- ?for ECHO in light of persistent tachycardia<sup>[LG.2M]</sup>

GI

- D/w dieticians re. low sodium NG feed
- Hyponatremia protocol. Aim Na <160
- Aim potassium >4.0, Mg >1
- Aim Glucose 6 - 10

Infection

- Aim normothermia
- Cultures if T >38

Investigations<sup>[LG.1M]</sup>

- Add CK to bloods<sup>[LG.3M]</sup> <sup>[LG.3T]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

- Chase bloods requested by neurology
- Contact MRI for scan ?today or tomorrow<sup>[LG.1M]</sup> <sup>[LG.1T]</sup> - MRI will look into trying to get the scan and call me back this morning<sup>[LG.1M]</sup>
- MRI booked for 16:00, safety checklist<sup>[LG.4M]</sup>, scan into EPIC<sup>[LG.5M]</sup> <sup>[LG.4T]</sup>
- SNOD to discuss with coroner re.<sup>[LG.1M]</sup> Possibility of<sup>[LG.4M]</sup> organ donation affect<sup>[LG.1M]</sup>ing<sup>[LG.4M]</sup> post-mortem - referral made

Communication

- Family visitation today - liaise with ICU consultant Sara re for repeat family discussion now or after MRI<sup>[LG.1M]</sup>

Electronically signed by Livia GOTTARDI at 20/7/2021 12:42

**Attribution Key**

LG.1 - Livia GOTTARDI on 20/7/2021 08:54  
LG.2 - Livia GOTTARDI on 20/7/2021 10:10  
LG.3 - Livia GOTTARDI on 20/7/2021 10:19  
LG.4 - Livia GOTTARDI on 20/7/2021 10:08  
LG.5 - Livia GOTTARDI on 20/7/2021 12:30  
M - Manual, T - Template

**Rebecca MCMILLAN at 20/7/2021 21:42**

ICU Night Review

Length of Stay: 2d 4h

Timeline

17/7: attended A/E onset headache/vomiting around 18h00; BIBA, given 4mg ondansetron. In department issues w/ acute confusion/odd behaviour. IVI started, admitted medics. Noted hyponatraemia. Ethanol level <100, Salicylate neg, CK 54

18/7:

Rev

iewed medics - concern encephalitis. For CTH + LP

Commenced ceftriaxone + aciclovir

CTH 1315: No acute intracranial finding

Unresponsive during LP > see separate note 18/7 16h00

Repeat CTH 17h00 : Slight degradation of grey-white matter diffe

rentiation as well as loss of sulcal spaces. Low-lying tonsils. In combination with the drop in GCS these findings are suspicious for generalised brain oedema. Cerebellar tonsils are at 1 cm below the foramen magnum.

D/W neurosurgery - not amenable

to intervention

D/W neurology - CTV/CTA; continue tx for meningoencephalitis, Mannitol, send off urinary Na+, urine and plasma osmolality

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

CTA/CTV 18/7 21h00

- opacification in the common carotid arteries with no flow within internal carotid arteries (ICAs)
- essentially no arterial flow to the brain
- raised intracranial pressure, very tight appearances, some grey/white matter differentiation
- no obvious thrombus within superior sagittal sinus thrombus or transverse sinus though this may represent a reverse subarachnoid sign according to the neuroradiologist

Consultant discussion ICU (Harris), Neurosurgery (Castanho), Neurology (Heaney) and Stroke (Saber). All in agreement that there was no intervention or treatment possible and that there was no hope of recovery. Working diagnosis of cerebral venous sinus thrombosis.

ICU for organ support and ongoing management. Initially neuroprotective measures but stopped following CTV/CTA and consultant discussion. SNOD referral made.

Family attended in ICU - mother Dorit, stepfather, stepsister. To come back in next morning.

19/07 - Discussion with family with neurology and ICU consultant re. Outcome

Sedation held in the morning. RASS remained -5

Became tachycardic

overnight

Worsening hypernatremia

### Ongoing ICU Issues

1) Extensive generalised cerebral oedema and inadequate brainstem reflexes off sedation indicative of likely irreversible brain stem death  
- awaiting MRI head and immunological, haematological and neurological serology to further investigate cause

2) Worsening hypernatremia

- Na 160 on 20/07.

3) Sinus tachycardia started on 20/07

### Background and SH

PMH atopy.

Eczema hayfever

Multiple allergies but to cosmetics mostly, no anaphylaxis and no drug allergies

Usually manifests as a rash

Non smoker

Drinks in moderation.

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

Works in a tech company in their product support division.

Keen cycli

st

High functioning cognitively.

Covid H: 2x COVID vacc Pfizer in Jan/March

Night<sup>[RM.1T]</sup> Review

A ETT

B SIMV/PS 10/5

FiO2 21

RR 18 Sats 98%

ABG pH 7.42 pCO2 4.9 pO2 13.5 Bicarb 24.5 BE -0.1

C BP 89/53 on Norad 0.14

HR 85

D GCS 3 off sedation

E On latest gas at 2100

Na 166 K 3.2

Last desmopressin at 0200

Having dextrose 100ml/hr

F<sup>[RM.1M]</sup> FB today -675ml

UO last 3 hrs 300/450/35 ml

Running 100ml/hr dextrose

G NG fed- low Na

H Hb PLT

I off abx

Plan

Reviewed QS hypernatraemia guideline with SpR Elizabeth

- 1) further stat dose desmopressin 0.4mcg now
- 2) send bloods as req by SNOD team and paired urine serum osmol
- 3) increase dextrose to 125ml/hr
- 4) will rv UO response to desmo and Na bloods

R McMillan

ACCS EM ST2<sup>[RM.2M]</sup>

Electronically signed by Rebecca MCMILLAN at 20/7/2021 22:23

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

**Attribution Key**

RM.1 - Rebecca MCMILLAN on 20/7/2021 21:42  
RM.2 - Rebecca MCMILLAN on 20/7/2021 22:18  
M - Manual, T - Template

**Lydia WEISS at 21/7/2021 09:03**

**ICU Daily Ward Round**

ICU Consultant:<sup>[LW.1T]</sup> Sara Polhill<sup>[LW.1M]</sup>

Length of Stay:<sup>[LW.1T]</sup> 2d 16h<sup>[LW.2T]</sup>

Timeline<sup>[LW.1T]</sup>

17/7: attended A/E onset headache/vomiting around 18h00; BIBA, given 4mg ondansetron. In department issues w/ acute confusion/odd behaviour. IVI started, admitted medics. Noted hyponatraemia. Ethanol level <100, Salicylate neg, CK 54

18/7:

Reviewed medics - concern encephalitis. For CTH + LP  
Commenced ceftriaxone + aciclovir  
CTH 1315: No acute intracranial finding  
Unresponsive during LP > see separate note 18/7 16h00

Repeat CTH 17h00 : Slight degradation of grey-white matter differentiation as well as loss of sulcal spaces. Low-lying tonsils. In combination with the drop in GCS these findings are suspicious for generalised brain oedema. Cerebellar tonsils are at 1 cm below the foramen magnum.

D/W neurosurgery - not amenable to intervention

D/W neurology - CTV/CTA; continue tx for meningoenophalitis, Mannitol, send off urinary Na<sup>+</sup>, urine and plasma osmolality

CTA/CTV 18/7 21h00

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- essentially no arterial flow to the brain
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Consultant discussion ICU (Harris), Neurosurgery (Castanho), Neurology (Heaney) and Stroke (Saber). All in agreement that there was no intervention or treatment possible and that there was no hope of recovery. Working diagnosis of cerebral venous sinus thrombosis.

ICU for organ support and ongoing management. Initially neuroprotective measures but stopped following CTV/CTA and consultant discussion. SNOD referral made.

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

Family attended in ICU - mother Dorit, stepfather, stepsister. To come back in next morning.

19/07 - Discussion with family with neurology and ICU consultant re. Outcome  
Sedation held in the morning. RASS remained -5  
Became tachycardiac overnight  
Worsening hypernatremia<sup>[LW.2T]</sup>

Ongoing ICU Issues<sup>[LW.1T]</sup>

- 1) Extensive generalised cerebral oedema and inadequate brainstem reflexes off sedation indicative of likely irreversible brain stem death  
- awaiting MRI head and immunological, haematological and neurological serology to further investigate cause
- 2) Worsening hypernatremia  
- Na 160 on 20/07.
- 3) Sinus tachycardia started on 20/07<sup>[LW.2T]</sup>

Background and SH<sup>[LW.1T]</sup>

PMH atopy.  
Eczema hayfever  
Multiple allergies but to cosmetics mostly, no anaphylaxis and no drug allergies  
Usually manifests as a rash  
Non smoker  
Drinks in moderation.

Works in a tech company in their product support division.  
Keen cyclist  
High functioning cognitively.

Covid H: 2x COVID vacc Pfizer in Jan/March<sup>[LW.2T]</sup>

Developments in the last 24 hours<sup>[LW.1T]</sup>

- MRI head yesterday evening, awaiting report with the aim of getting formal diagnosis to then be able to proceed with brainstem death tests
- Ongoing tachycardia
- Hypernatraemic - further desmopressin 0.4mcg given last night<sup>[LW.1M]</sup>

Subjective Assessment<sup>[LW.1T]</sup>

Settled<sup>[LW.3M]</sup>

Objective Assessment

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

Airway<sup>[LW.1T]</sup>

Endotracheal tube<sup>[LW.2T]</sup>

Ventilaton<sup>[LW.1T]</sup>

Vent Mode: Synchronised intermittent mandatory ventilation/pressure control

FiO2 (%): [21 %-25 %] 21 %

S RR: [18] 18

PEEP achieved (cmH2O): [4.7 cm H2O-5.1 cm H2O] 4.9 cm H2O

PR SUP: [10 cm H2O] 10 cm H2O

A VT: [337 mL-431.6 mL] 424.6 mL<sup>[LW.2T]</sup>

SIMV/PS PEEP 5, PS 10, Fio2 0.21

Satst 98%, RR 18

Chest<sup>[LW.1M]</sup> clear<sup>[LW.3M]</sup>

Sme green sputum on suctioning<sup>[LW.4M]</sup>

Latest ABG 07:00: pH 7.44, pCo2 4.7, pO2 13, HCO3 25, BE 0.4, Hb 136, Na 159, K 4.4, Cl 127, Glu 6.8, Lact 0.9<sup>[LW.1M]</sup>

Circulation<sup>[LW.1T]</sup>

NSR<sup>[LW.2T]</sup>; HR:<sup>[LW.1T]</sup> 90<sup>[LW.2T]</sup>/min; BP:<sup>[LW.1T]</sup> 111/66, MAP 83

Noradrenaline<sup>[LW.1M]</sup> 0.165 micrograms/kg/min<sup>[LW.2T]</sup>

Peripheries<sup>[LW.1M]</sup> warm and well perfused

Calves SNT, no oedema, TEDS on<sup>[LW.3M]</sup>

Neurology<sup>[LW.1T]</sup>

Eye Opening: None/Not able to obtain (eg eyes closed by swelling)

Best Verbal Response: None/Not able to obtain (eg ET or tracheostomy tube)

Best Motor Response: None

Glasgow Coma Scale Score: 3<sup>[LW.2T]</sup>

Right Pupil: size<sup>[LW.1T]</sup> 7<sup>[LW.2T]</sup>,<sup>[LW.1T]</sup> Nonreactive<sup>[LW.2T]</sup>

Left Pupil: size<sup>[LW.1T]</sup> 7<sup>[LW.2T]</sup>,<sup>[LW.1T]</sup> Nonreactive<sup>[LW.2T]</sup>

GCS 3<sup>[LW.1M]</sup>/15

Pupils fixed and dilated bilaterally<sup>[LW.3M]</sup>

Abdomen<sup>[LW.1T]</sup>

Bowel Opened?: No (21/07/21)<sup>[LW.2T]</sup>

AST 52, ALT 29, Alb 37, ALP 58, bili 8

Amylase 130

Abdomen<sup>[LW.1M]</sup> SNT<sup>[LW.3M]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

Renal and Fluid Balance<sup>[LW.1T]</sup>

Results from the last 3 days

	19/07/21 06:10	19/07/21 14:52	20/07/21 04:50	20/07/21 22:33	21/07/21 04:32
UREA	3.0	3.2	1.5*	--	--
CREATININE	54	61	61	68	60
EGFR	>90	>90	>90	>90	>90
MAGNESIUM	1.15*	0.96	1.05*	--	0.82 <sup>[LW.2T]</sup>

Na 159, K 4.2, Cr 60, eGFR >90

Ca adj 2.39, PO4 1.3, Mg 0.82

UO 170/ 90/ 190/ 35ml over past 4 hr

FB +2L so far today

-1L yesterday<sup>[LW.1M]</sup>

Just passed 500ml urine in past hr - given further dose desmopressin<sup>[LW.4M]</sup>

Haematology<sup>[LW.1T]</sup>

Results from the last 3 days

	18/07/21 23:30	20/07/21 04:50	20/07/21 22:33	21/07/21 04:32
HAEMOGLOBIN	--	131	145	135
PLATELET	--	217	206	194
INR	1.04	1.16	--	1.20 <sup>[LW.2T]</sup>

INR 1.2

APTT 35

PT 13<sup>[LW.1M]</sup>

Infection<sup>[LW.1T]</sup>

No active infections<sup>[LW.2T]</sup>

WBC 12.6 (15), Neut 8 (10), CRP 98 (32)

T 37.8 at 05:00, apyrexial since

Not on abx<sup>[LW.1M]</sup>

Nutrition<sup>[LW.1T]</sup>

NG Feed - Full - low Na feed<sup>[LW.1M]</sup>

Lines<sup>[LW.1T]</sup>

Lines, Drains, and Airways

Central venous catheter

CVC Quadruple Lumen 18/07/21 Right Femoral

2 days

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

Peripheral venous catheter

Peripheral IV 18/07/21 Left Antecubital

3 days

Peripheral IV 18/07/21 Left;Anterior Forearm

2 days<sup>[LW.2T]</sup>

Arterial line<sup>[LW.1M]</sup>

Thromboprophylaxis<sup>[LW.1T]</sup>

Results from the last 3 days

	20/07/21 04:50	20/07/21 22:33	21/07/21 04:32
EGFR	>90	>90	>90 <sup>[LW.2T]</sup>

Prophylactic dose<sup>[LW.1M]</sup>

Rationale if dose is non-standard or adjusted:

Gastric Ulcer Prophylaxis<sup>[LW.1T]</sup>

PPI<sup>[LW.1M]</sup>

Glucose Control<sup>[LW.1T]</sup>

Results from the last 3 days

	21/07/21 04:40	21/07/21 07:04	21/07/21 09:12
GLUCOSE	7.7*	6.8*	8.6* <sup>[LW.2T]</sup>

Sedation<sup>[LW.1T]</sup>

Nil<sup>[LW.1M]</sup>

Pain<sup>[LW.1T]</sup>

No evidence of pain<sup>[LW.1M]</sup>

Communication<sup>[LW.1T]</sup>

Dr Polhill to update family today<sup>[LW.1M]</sup>

Targets

MAP:<sup>[LW.1T]</sup> 70 - 80mmHg<sup>[LW.2T]</sup>

SpO<sub>2</sub>:<sup>[LW.1T]</sup> 94 - 98%<sup>[LW.2T]</sup>

PaO<sub>2</sub>:<sup>[LW.1T]</sup> 10 - 13kPa<sup>[LW.2T]</sup>

PaCO<sub>2</sub>:<sup>[LW.1T]</sup> <5kPa<sup>[LW.2T]</sup>

pH:<sup>[LW.1T]</sup> 7.35 - 7.45<sup>[LW.2T]</sup>

Hb:<sup>[LW.1T]</sup> 80 - 100g/L<sup>[LW.2T]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

FB:[LW.1T] **Neutral**[LW.2T]

RASS:[LW.1T] **-1**[LW.2T]

Ready for discharge:[LW.1T] **No**[LW.2T]

Plan[LW.1T]

11:17 WR Dr Polhill[LW.4M]

**1. Chase MRI head report**

- Discussed with neuroradiology at Queen's square, advised to discuss with acute radiology SpR who advised to email Dr Harpreet Hyare (neuroradiology consultant) who has been reporting the scan

- Email sent

**2. Family discussion following MRI head report with aim to proceed with brainstem death tests if diagnosis reached**

**3. Aim pCo2 4.5-5, pO2 > 10**

**4. Aim Na < 160,**[LW.1M] **consider**[LW.4M] **further dose desmopressin if UO > 250ml/hr**[LW.1M], **continue as PRN for now rather than regular**

**100ml bolus enteral water**[LW.4M]

**5. Keep K >4, Mg > 1**

**6. Aim glucose 6-10**

**7. Normothermia, send cultures if T > 38**[LW.1M]

**8. Aim to contact medical/nursing team who cared for Gaia on the ward to assess if would be able to come to speak to Gaia's family today as they are keen to gain more information to fill in the gap.**[LW.4M]

Lydia Weiss

ITU SHO (JCF)[LW.1M]

Electronically signed by Lydia WEISS at 21/7/2021 11:17

**Attribution Key**

LW.1 - Lydia WEISS on 21/7/2021 09:03

LW.2 - Lydia WEISS on 21/7/2021 09:36

LW.3 - Lydia WEISS on 21/7/2021 09:55

LW.4 - Lydia WEISS on 21/7/2021 11:12

M - Manual, T - Template

**SERJUNIORDOCTOR2112 at 21/7/2021 18:32**

ICU PM Ward Round[S.1T]

Dr Polhill

1)[S.1M] she will have[S.2M] brain stem t[S.1M]est this evening[S.2M]

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

Electronically signed by SERJUNIORDOCTOR2112 at 21/7/2021 18:54

**Attribution Key**

S.1 - SERJUNIORDOCTOR2112 on 21/7/2021 18:32  
S.2 - SERJUNIORDOCTOR2112 on 21/7/2021 18:53  
M - Manual, T - Template

**Declan CRILLY at 21/7/2021 21:11**

ICU Night Review

Length of Stay:<sup>[DC.1T]</sup> 3d 6h<sup>[DC.2T]</sup>

Timeline<sup>[DC.1T]</sup>

17/7: attended A/E onset headache/vomiting around 18h00; BIBA, given 4mg ondansetron. In department issues w/ acute confusion/odd behaviour. IVI started, admitted medics. Noted hyponatraemia. Ethanol level <100, Salicylate neg, CK 54

18/7:

Rev

iewed medics - concern encephalitis. For CTH + LP

Commenced ceftriaxone + aciclovir

CTH 1315: No acute intracranial finding

Unresponsive during LP > see separate note 18/7 16h00

Repeat CTH 17h00 : Slight degradation of grey-white matter differentiation as well as loss of sulcal spaces. Low-lying tonsils. In combination with the drop in GCS these findings are suspicious for generalised brain oedema. Cerebellar tonsils are at 1 cm below the foramen magnum.

D/W neurosurgery - not amenable to intervention

D/W neurology - CTV/CTA; continue tx for meningoencephalitis, Mannitol, send off urinary Na+, urine and plasma osmolality

CTA/CTV 18/7 21h00

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- essentially no arterial flow to the brain

- raised intracranial pressure, very tight appearances, some grey/white matter differentiation

- no obvious thrombus within superior sagittal sinus thrombus or transverse sinus though this may represent a reverse subarachnoid sign according to the neuroradiologist

Consultant discussion ICU (Harris), Neurosurgery (Castanho), Neurology (Heaney) and Stroke (Saber). All in agreement that there was no intervention or treatment possible and that there was no hope of recovery. Working diagnosis of cerebral venous sinus thrombosis.

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

ICU for organ support and ongoing management. Initially neuroprotective measures but stopped following CTV/CTA and consultant discussion. SNOD referral made.

Family attended in ICU - mother Dorit, stepfather, stepsister. To come back in next morning.

19/07 - Discussion with family with neurology and ICU consultant re. Outcome  
Sedation held in the morning. RASS remained -5  
Became tachycardiac overnight  
Worsening hypernatremia

20/7- Further dose of desmopressin given, Na 159. Background fluids ongoing, dextrose increased to 125ml/hr  
Patient would be for electrical shock if develops and electrical arrhythmia, however if no shockable then not for resuscitation.- discussed with family

21/7-  
MRI indicates: parenchymal swelling with tonsillar herniation and severe brain stem injury.  
Not likely Cerebral venous thrombosis, potentially viral infection or drug effect.  
Aim Na < 160, K >4, Mg >1  
Aim glucose 6-10  
Further dose desmopressin if UO >259ml/hr<sup>[DC.2T]</sup>

Ongoing ICU Issues<sup>[DC.1T]</sup>

1) Extensive generalised cerebral oedema and inadequate brainstem reflexes off sedation indicative of likely irreversible brain stem death  
- awaiting MRI head and immunological, haematological and neurological serology to further investigate cause

2) Worsening hypernatremia  
- Na 160 on 20/07.

3) Sinus tachycardia started on 20/07<sup>[DC.2T]</sup>

Background and SH<sup>[DC.1T]</sup>

PMH atopy.  
Eczema hayfever  
Multiple allergies but to cosmetics mostly, no anaphylaxis and no drug allergies  
Usually manifests as a rash  
Non smoker  
Drinks in moderation.

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

Works in a tech company in their product support division.

Keen cycli

st

High functioning cognitively.

Covid H: 2x COVID vacc Pfizer in Jan/March<sup>[DC.2T]</sup>

Night Summary<sup>[DC.1T]</sup>:

Diagnosed as brainstem death at 20:25<sup>[DC.3M]</sup>, the first testing<sup>[DC.4M]</sup>

Targets

MAP:<sup>[DC.3T]</sup> 70 - 80mmHg<sup>[DC.2T]</sup>

SpO<sub>2</sub>:<sup>[DC.3T]</sup> 94 - 98%<sup>[DC.2T]</sup>

PaO<sub>2</sub>:<sup>[DC.3T]</sup> 10 - 13kPa (>10)<sup>[DC.2T]</sup>

PaCO<sub>2</sub>:<sup>[DC.3T]</sup> <5kPa (4.5-5)<sup>[DC.2T]</sup>

PH:<sup>[DC.3T]</sup> 7.35 - 7.45<sup>[DC.2T]</sup>

Hb:<sup>[DC.3T]</sup> 80 - 100g/L<sup>[DC.2T]</sup>

FB:<sup>[DC.3T]</sup> Neutral<sup>[DC.2T]</sup>

RASS:<sup>[DC.3T]</sup> -1<sup>[DC.2T]</sup>

Concern by nurse of discrepancy between art line BP and external BP

Also not fluctuation in art line trace

With tachycardia? Dehydration

However the art line has been used a lot and concern it is not functioning properly anymore<sup>[DC.4M]</sup>

A ETT<sup>[DC.3M]</sup> at 22cm at teeth<sup>[DC.4M]</sup>

B SIMV/PS 10/5

FiO<sub>2</sub><sup>[DC.3C]</sup> 50%<sup>[DC.5M]</sup>

RR 1<sup>[DC.3C]</sup> 6<sup>[DC.3M]</sup> Sats 9<sup>[DC.3C]</sup> 9<sup>[DC.3M]</sup>%

ABG pH<sup>[DC.3C]</sup> 7.314, pCO<sub>2</sub> 3.80, PO<sub>2</sub> 32.4, Bicarb 16, BE -11.7<sup>[DC.5M]</sup>

C BP<sup>[DC.3C]</sup> 106/67<sup>[DC.3M]</sup> on Norad 0.1<sup>[DC.3C]</sup> 84<sup>[DC.3M]</sup>

NIBP 97/52, MAP BP 105/84<sup>[DC.4M]</sup>

HR<sup>[DC.3C]</sup> 107<sup>[DC.3M]</sup>

MAP 70, MAP art line 95

Warm to touch

CP <2 secs

HR tachy but regular

HS 1 and 2 and nil

Calves SNT, no oedema<sup>[DC.4M]</sup>

D GCS<sup>[DC.3C]</sup> 3/15,<sup>[DC.4M]</sup> off sedation<sup>[DC.3C]</sup>

Pupils dilated and non reactive to light<sup>[DC.4M]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

E On latest gas at<sup>[DC.3C]</sup> 23:06<sup>[DC.5M]</sup>  
Na<sup>[DC.3C]</sup> 149<sup>[DC.5M]</sup> K<sup>[DC.3C]</sup> 2.9<sup>[DC.5M]</sup>  
Last desmopressin at<sup>[DC.3C]</sup> 01:45 21/7/21<sup>[DC.3M]</sup>  
Having dextrose<sup>[DC.3C]</sup> 125ml/hr<sup>[DC.3M]</sup>

Abdo SNT<sup>[DC.4M]</sup>

F FB today<sup>[DC.3C]</sup> +2878.2<sup>[DC.3M]</sup>  
UO last 3 hrs<sup>[DC.3C]</sup> 60-100<sup>[DC.3M]</sup> ml  
Running 1<sup>[DC.3C]</sup>25<sup>[DC.3M]</sup>ml/hr dextrose<sup>[DC.3C]</sup>

Clear urine present<sup>[DC.4M]</sup>

G NG fed- low Na

H Hb<sup>[DC.3C]</sup> 135<sup>[DC.3M]</sup> PLT<sup>[DC.3C]</sup> 194<sup>[DC.3M]</sup>

I off abx<sup>[DC.3C]</sup>

L- IVC and art line right side, clear and clean

Pain- nil needed

Sedation- nil

Imp:

Brainstem death

Careful fluid balance given tachycardia but hypernatraemia

Also highly positive fluid balance over past 24hrs<sup>[DC.4M]</sup>

Plan:<sup>[DC.3M]</sup>

Redress Art line

Redo ABG to assess trend

Also to check Na and K

If both are stable and then no need for IVF

If BP continues to be different and UO low, consider IVF bolus

Will re check<sup>[DC.4M]</sup>

Organ donation facilitation

-methylprednisolone 15mg/kg every 12 hours, first dose now

-CXR

-Blood pregnancy test<sup>[DC.6M]</sup>

Reg walk round review:

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

Reviewed recent blood gas  
slightly acidaemia present (pH 7.291,pCO2 6.26)  
Na now 146, reducing too fast. Reduced the speed of the dextrose to 75ml/hr  
Magnesium replacement, as Mg 0.82 during the day, aim >1  
Rewire art line

Plan:

Increased the pressure support to 12 to reduce the CO2  
Reduced dextrose rate  
Mg replacement  
Rewire art line<sup>[DC.7M]</sup>

Overnight update:

Na 143- Dextrose reduced to 25ml/hr  
BP arterial and cuff BP equalised- 107/61  
Ph 0.6- polyfusor prescribed<sup>[DC.8M]</sup>

Handover:

-For organ<sup>[DC.3M]</sup> retrieval<sup>[DC.7M]</sup> in theatre tomorrow  
-CSF sampling<sup>[DC.3M]</sup> for MC&S and viral PCR required when going to theatre for organ retrieval- member of  
ICU team to go for this , post organ harvest<sup>[DC.7M]</sup>

Electronically signed by Declan CRILLY at 22/7/2021 05:04

**Attribution Key**

DC.1 - Declan CRILLY on 21/7/2021 21:11  
DC.2 - Declan CRILLY on 21/7/2021 23:52  
DC.3 - Declan CRILLY on 21/7/2021 21:42  
DC.4 - Declan CRILLY on 21/7/2021 23:02  
DC.5 - Declan CRILLY on 21/7/2021 23:56  
DC.6 - Declan CRILLY on 21/7/2021 22:07  
DC.7 - Declan CRILLY on 22/7/2021 00:42  
DC.8 - Declan CRILLY on 22/7/2021 05:01  
C - Copied, M - Manual, T - Template

**Panagiota SCEALES at 22/7/2021 10:31**

ICU Daily Ward Round

ICU Consultant:<sup>[PS.1T]</sup> Sara Polhill<sup>[PS.1M]</sup>

Length of Stay: 3d 17h

Timeline

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

17/7: attended A/E onset headache/vomiting around 18h00; BIBA, given 4mg ondansetron. In department issues w/ acute confusion/odd behaviour. IVI started, admitted medics. Noted hyponatraemia. Ethanol level <100, Salicylate neg, CK 54

18/7:

Reviewed medics - concern encephalitis. For CTH + LP  
Commenced ceftriaxone + aciclovir  
CTH 1315: No acute intracranial finding  
Unresponsive during LP > see separate note 18/7 16h00

Repeat CTH 17h00 : Slight degradation of grey-white matter differentiation as well as loss of sulcal spaces. Low-lying tonsils. In combination with the drop in GCS these findings are suspicious for generalised brain oedema. Cerebellar tonsils are at 1 cm below the foramen magnum.

D/W neurosurgery - not amenable to intervention

D/W neurology - CTV/CTA; continue tx for meningoencephalitis, Mannitol, send off urinary Na<sup>+</sup>, urine and plasma osmolality

CTA/CTV 18/7 21h00

- opacification in the common carotid arteries with no flow within internal carotid arteries (ICAs)
- essentially no arterial flow to the brain
- raised intracranial pressure, very tight appearances, some grey/white matter differentiation
- no obvious thrombus within superior sagittal sinus thrombus or transverse sinus though this may represent a reverse subarachnoid sign according to the neuroradiologist

Consultant discussion ICU (Harris), Neurosurgery (Castanho), Neurology (Heaney) and Stroke (Saber). All in agreement that there was no intervention or treatment possible and that there was no hope of recovery. Working diagnosis of cerebral venous sinus thrombosis.

ICU for organ support and ongoing management. Initially neuroprotective measures but stopped following CTV/CTA and consultant discussion. SNOD referral made.

Family attended in ICU - mother Dorit, stepfather, stepsister. To come back in next morning.

19/07 - Discussion with family with neurology and ICU consultant re. Outcome

Sedation held in the morning. RASS remained -5

Became tachycardiac overnight

Worsening hypernatremia

20/7- Further dose of desmopressin given, Na 159. Background fluids ongoing, dextrose increased to 125ml/hr Patient would be for electrical shock if develops and electrical arrhythmia, however if no shockable then not for resuscitation.- discussed with family

21/7-

MRI indicates: parenchymal swelling with tonsillar herniation and severe brain stem injury.

Not likely Cerebral venous thrombosis, potentially viral infection or drug effect.

Aim Na <160, K >4, Mg >1

Aim glucose 6-10

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 2 of 4) (continued)**

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Further dose desmopressin if UO >259ml/hr

Ongoing ICU Issues

- 1) Extensive generalised cerebral oedema and inadequate brainstem reflexes off sedation indicative of likely irreversible brain stem death  
- awaiting MRI head and immunological, haematological and neurological serology to further investigate cause
- 2) Worsening hyponatremia  
- Na 160 on 20/07.
- 3) Sinus tachycardia started on 20/07

Outstanding Tasks

Background and SH

PMH atopy.  
Eczema hayfever  
Multiple allergies but to cosmetics mostly, no anaphylaxis and no drug allergies  
Usually manifests as a rash  
Non smoker  
Drinks in moderation.

Works in a tech company in their product support division.  
Keen cyclist  
High functioning cognitively.

Covid H: 2x COVID vacc Pfizer in Jan/March

Developments in the last 24 hours<sup>[PS.1T]</sup>

Confirmed brain stem death yesterday evening-please see documentation.<sup>[PS.1M]</sup>

Subjective Assessment<sup>[PS.1T]</sup>

No change.<sup>[PS.1M]</sup>

Objective Assessment

Airway

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

Endotracheal tube

Ventilaton

Vent Mode: Synchronised intermittent mandatory ventilation/pressure control

FiO2 (%): [21 %-100 %] 30 %

S RR: [12-18] 16

PEEP achieved (cmH2O): [4.6 cm H2O-5 cm H2O] 4.8 cm H2O

PR SUP: [10 cm H2O] 10 cm H2O

A VT: [349.4 mL-496.6 mL] 451.8 mL

Circulation

ST; HR: 128/min; BP: 109/62mmHg;<sup>[PS.1T]</sup>

Noradrenaline<sup>[PS.1M]</sup> 0.048 micrograms/kg/min<sup>[PS.2T]</sup>

Neurology

Eye Opening: None/Not able to obtain (eg eyes closed by swelling)

Best Verbal Response: None/Not able to obtain (eg ET or tracheostomy tube)

Best Motor Response: None

Glasgow Coma Scale Score: 3

Right Pupil: size 7, Nonreactive

Left Pupil: size 7, Nonreactive

Abdomen

Bowel Opened?: No (22/07/21)

Renal and Fluid Balance

Results from the last 3 days

	19/07/21 14:52	20/07/21 04:50	20/07/21 22:33	21/07/21 04:32	22/07/21 02:59
UREA	3.2	1.5*	--	--	2.6
CREATININE	61	61	68	60	52
EGFR	>90	>90	>90	>90	>90
MAGNESIUM	0.96	1.05*	--	0.82	1.30*

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

Haematology

Results from the last 3 days

	20/07/21 04:50	20/07/21 22:33	21/07/21 04:32	22/07/21 02:59
HAEMOGLOBIN	131	145	135	126
PLATELET	217	206	194	163
INR	1.16	--	1.20	1.04

Infection

No active infections

Nutrition<sup>[PS.1T]</sup>

NG Feed - Full<sup>[PS.1M]</sup>

Lines

Lines, Drains, and Airways

Central venous catheter

CVC Quadruple Lumen 18/07/21 Right Femoral

3 days

Thromboprophylaxis

Results from the last 3 days

	20/07/21 22:33	21/07/21 04:32	22/07/21 02:59
EGFR	>90	>90	>90 <sup>[PS.1T]</sup>

Prophylactic dose<sup>[PS.1M]</sup>

Rationale if dose is non-standard or adjusted:

Gastric Ulcer Prophylaxis<sup>[PS.1T]</sup>

PPI<sup>[PS.1M]</sup>

Glucose Control

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

Results from the last 3 days

	22/07/21 07:08	22/07/21 07:09	22/07/21 09:01
GLUCOSE	12.3*	11.5*	11.2*

Sedation<sup>[PS.1T]</sup>

None<sup>[PS.1M]</sup>

Pain<sup>[PS.1T]</sup>

none<sup>[PS.1M]</sup>

Communication<sup>[PS.1T]</sup>

Lengthy discussions with NOK over the course of the last 48hrs. Aware of brain stem testing results and that she is for organ harvesting today.<sup>[PS.1M]</sup>

Targets

MAP:<sup>[PS.1T]</sup> >60mmHg<sup>[PS.1M]</sup>

SpO<sub>2</sub>:<sup>[PS.1T]</sup> > 94%<sup>[PS.1M]</sup>

PaO<sub>2</sub>:<sup>[PS.1T]</sup> >8kPa<sup>[PS.1M]</sup>

PaCO<sub>2</sub>:<sup>[PS.1T]</sup> 4-65kPa<sup>[PS.1M]</sup>

PH:<sup>[PS.1T]</sup> 7.35-7.45<sup>[PS.1M]</sup>

Hb:<sup>[PS.1T]</sup> >8<sup>[PS.1M]</sup>

FB:<sup>[PS.1T]</sup> own<sup>[PS.1M]</sup>

RASS:<sup>[PS.1T]</sup> not applicable<sup>[PS.1M]</sup>

Ready for discharge:<sup>[PS.1T]</sup> no<sup>[PS.1M]</sup>

Plan<sup>[PS.1T]</sup>

1. Awaiting organ retrieval team today
2. Stop NG feed
3. Convert norad to terlipressin (no vasopressin available)
4. LP in theatre and CSF sampling post organ retrieval (anaesthetic consultant will kindly perform all labels and equipment will go with the consultant).
5. SNOD/NIC will confirm with family that post theatre she will go to mortuary or to ICU for final farewell.<sup>[PS.1M]</sup>

Electronically signed by Panagiota SCEALES at 22/7/2021 10:37

**Attribution Key**

PS.1 - Panagiota SCEALES on 22/7/2021 10:31

PS.2 - Panagiota SCEALES on 22/7/2021 10:32

M - Manual, T - Template

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

**Nursing Note**

**Julianah ADEWUMI, RN at 18/7/2021 05:40**

A 25 year old and vulnerable lady was referred in for admission via ED/SDEC at 05:00 hours under the Medic Team presenting with the following complaints:-

Patient had reported/presented self in ED ;

Narrated with hx of headache, nausea and vomiting after lying in the sun.

Noted with unusual behaviours and very erratic when asked questions.

Conscious of environment, Knows her name and DOB, There were no signs of slurred speech or confusions., but noted that she constantly covers face when asks questions.

GCS is 15/15, Ventilating well on air, shows no signs of pains. CVS Stable, afebrile, nil vomiting, VIP:0 mild tachycardiac NEWS Scoring: 0-1 Full limbs powers noted.

Impression:

?? Intoxication

Mild hyponatraemia on VBG

Dehydrated on admission

Suspicious for drug use +/- alcohol based on behaviour and mydriasis.

Plans:

Continue IV rehydration<sup>[JA.1M]</sup>

Chase ethanol level

Collateral from mum which she claims she lives with (Unable to get through to her)

Likely home in the morning

Re-assess later<sup>[JA.2M]</sup>

Electronically signed by Julianah ADEWUMI, RN at 18/7/2021 06:20

**Attribution Key**

JA.1 - Julianah ADEWUMI, RN on 18/7/2021 05:40

JA.2 - Julianah ADEWUMI, RN on 18/7/2021 06:17

M - Manual

**Chiara STERZA at 18/7/2021 09:41**

Tried to call mother as per Epic contact NOK details , but phone is currently off . Asked patient to double check the number but not cooperating not answering , Gaia is only nodding with her head yes<sup>[CS.1M]</sup>

Electronically signed by Chiara STERZA at 18/7/2021 09:42

**Attribution Key**

CS.1 - Chiara STERZA on 18/7/2021 09:41

M - Manual

**Elizabeth MULDOON, RN at 18/7/2021 17:35**

Written in retrospect:

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

This morning around 10am patients mother called NIC phone, stated she had not heard from anyone since her daughter was admitted, explained that we had been trying to call her and double checked the contact details which were correct.

Asked mother a few questions regarding Gaia's normal behaviour and what had happened pre admission. She explained Gaia had been for a 40 minute bike ride in the sun, came home and sat outside with an icecream for another 40 minutes with friend, mothers friend and mother then started to develop a headache so went to lie down of sofa, she then took herself to bed upstairs and ended up calling her mum from the landline in the bedroom to say she was feeling sick. Mum found her vomiting multiple times. She contacted 111 who told her to call ambulance. Prior to her being taken to hospital, Gaia was talking as normal, was fully aware of what was happening and acting as usual.

Explained to mum that Gaia was displaying some strange behaviours, slightly disengaged, slow to respond and quite drowsy and under the sheets to which mum stated this is very out of character and that although she is a bit nervous of hospitals she is very talkative. She asked if Gaia had asked for her which I said she had not so far and she was very surprised by this as when she went off in ambulance Gaia really wanted her to come with her. I then took the phone to Gaia so that her mum could talk with her. I could hear the mum talking but Gaia was only responding with hmmm or yes. I spoke with mum after and she said this is very unlike her.

At that point, I told mum that I would go and speak with the medical team straight away and ask that she be reviewed because I myself was also quite concerned by what I saw. I interrupted the ward round around 10.20 to speak to the team to express the mothers and my own concerns. The junior doctors took the consultant straight round to the patient for a review and a plan for a CT head and an LP were made. The patient was more responsive with the consultant although vague and not fully obeying commands. I asked that the mum also be updated to which they said they would after they had done their ward round.<sup>[EM.1M]</sup> Nurses looking after patient were made aware of the plan from the doctors and that patient was of concern.<sup>[EM.2M]</sup> I contacted the mother after this to give her a brief update, she asked at that point if she could visit to which I said that because of the visitor policy I had to say no at that point but that I would be happy to review again later.

I spoke again myself with Gaia around 2.30pm and she was slightly more alert at this point, had a conversation with me about how she was here because of heat stroke, I had said that the doctors didn't think it could be that and asked if she had taken any drugs or anything that could have caused this to which she replied no. She said at that point her headache was still there. I told her that I had been speaking to her mum and that she wanted to come in and see her. Doctors then came in to do the LP - as documented above patient then became unresponsive and the crash bell was called. Pt is currently intubated and in ITU. Mother has been updated by ST3 Samuels.<sup>[EM.1M]</sup>

Electronically signed by Elizabeth MULDOON, RN at 18/7/2021 18:14

**Attribution Key**

EM.1 - Elizabeth MULDOON, RN on 18/7/2021 17:35  
EM.2 - Elizabeth MULDOON, RN on 18/7/2021 18:13  
M - Manual

**Marianne MCFADDEN, RN at 18/7/2021 17:40**

Nursing notes written in retrospect.

Received care of Gaia this morning and Patient was later handed over care to Ngozi RN.

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 2 of 4) (continued)**

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Received patient Drowsy but responsive

Orientated to place and person, able to follow commands, PEARL but sluggish. Complained of headache. Nil vomiting.

NEWS -0<sup>[MM.1M]</sup>

Blood pressure 107/66, pulse 74, temperature 36.6 °C (97.9 °F), temperature source Tympanic, resp. rate 21, SpO2 98 %.<sup>[MM.2T]</sup>

Low grade temperature noted + Headached so IV paracetamol administered as prescribed.

IV antibiotics and antivirals administered to cover for encephalitis.

Patient had not passed urine - bladder scan 400ml. IDC inserted by RN Ngozi.

Urine tox, MSU, Blood cultures sent to lab.

VBG taken as Lactate slightly raised on admission to A&E but lactate not on blood gas report

Plan from medics, neurology input, EEG, LP, Cover for encephalitis.

Although patient is able to answer appropriately but her behaviour is unusual - drowsy, slightly agitated.

Referred to PERRT for advise/input.

Medics were setting up for a LP, behind the curtain I could hear that the patient has suddenly become unresponsive as the Doctors were asking her to respond.

Emergency buzzer pulled.

2222 call put out.

.<sup>[MM.1M]</sup>

Electronically signed by Marianne MCFADDEN, RN at 18/7/2021 18:10

**Attribution Key**

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MM.1 - Marianne MCFADDEN, RN on 18/7/2021 17:40

MM.2 - Marianne MCFADDEN, RN on 18/7/2021 17:44

M - Manual, T - Template

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**Jeane NASCIMENTO, RN at 18/7/2021 19:25**

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17:00 Admitted from A&E via CT scan

A.

ETT size 7.0 Secured by tape at Level 22cm at the upper teeth.

Eventually ETT secured by Anchorfast at level 22cm at the upper teeth.

B.

Connected to ICU ventilator Mode:

Symmetrical chest with bil air entry.

No arterial line in situ.

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

C.

Sinus rhythm - Mg being topped up as per consultant Steven Harris verbal request.

BP border line - unsupported

Hypothermic.

CRT: <3secs

300 mls urine in chamber at admission in ICU

D.

GCS: 3/15 Arrived on Propofol 2% 160 mg /h ( 8 ml/ h ) started on Fentanyl (2ml/h)

Pupils equal size 8 non reactive

RASS -5

E.

Skin all intact

TED stocking put on

2 peripheral lines in right upper arm

Consultant to speak to to mother pt's mother

Pregnancy teste to be done.

19:00 Deteriorating dropping BP doctors to place central line in.

19:30 pt to go for CT<sup>[JN.1M]</sup>

Parents spent some time by the bed just before Gaya was taken to CT scan - X2 begs handed over to her mum.

Properties not been checked in ICU.<sup>[JN.2M]</sup>

Electronically signed by Jeane NASCIMENTO, RN at 18/7/2021 20:25

**Attribution Key**

JN.1 - Jeane NASCIMENTO, RN on 18/7/2021 19:25

JN.2 - Jeane NASCIMENTO, RN on 18/7/2021 20:22

M - Manual

**Raquel Soraia CASTRO RIBEIRO, RN at 19/7/2021 01:16**

[Nursing Notes](#)

Date of admission: 17/7/2021

A:

-

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

Patient Lines/Drains/Airways Status

Active Airway

Name:	Placement date:	Placement time:	Site:	Days:
ETT	18/07/21	16:00	Oral	less than 1 <sup>[RC.1T]</sup>

- ETT secured with Anchor fast at 23 cm at the lips.<sup>[RC.1M]</sup>
- Airway plan and emergency equipment by bedside.

B:

- Vent Mode: Synchronised intermittent mandatory ventilation/pressure control
- FiO2 (%): [35 %-60 %] 35 %
- S RR: [16] 16
- PEEP achieved (cmH2O): [4.5 cm H2O-4.7 cm H2O] 4.5 cm H2O
- PR SUP: [8 cm H2O] 8 cm H2O
- A VT: [315.8 mL-400 mL] 315.8 mL
- Auscultation:<sup>[RC.1T]</sup> B/L air entry. Clear breath sounds.<sup>[RC.1M]</sup>
- Cough:
- ABG: Gas exchange<sup>[RC.1T]</sup> stable. Weaned down FiO2.<sup>[RC.1M]</sup>

C:

- BP support<sup>[RC.1T]</sup>ed by Noradrenaline infusion, weaned down. Aiming MAP > 65 mmHg.<sup>[RC.1M]</sup>
- ECG<sup>[RC.1T]</sup> sinus rhythm. Rate stable.<sup>[RC.1M]</sup>
- ABG: Electrolytes<sup>[RC.1T]</sup> optimised.<sup>[RC.1M]</sup> Lactate<sup>[RC.1T]</sup> and<sup>[RC.1M]</sup> B/E<sup>[RC.1T]</sup> stable<sup>[RC.1M]</sup>.
- HB:<sup>[RC.1T]</sup> stable, > 130<sup>[RC.1M]</sup>
- CRT:<sup>[RC.1T]</sup> > 3 seconds<sup>[RC.1M]</sup> peripherally and centrally.
- FB:<sup>[RC.1T]</sup> -530 ml, aiming for +500 to + 1Ltr. Patient very polyuric, medical team aware.<sup>[RC.1M]</sup>
- U/O:<sup>[RC.1T]</sup> > 250<sup>[RC.1M]</sup> mls/hr,<sup>[RC.1T]</sup> almost translucent<sup>[RC.1M]</sup> colour.
- Peripheral oedema:<sup>[RC.1T]</sup> none.<sup>[RC.1M]</sup>
- IVF:<sup>[RC.1T]</sup> 100 ml Hartman's background.<sup>[RC.1M]</sup>
- <sup>[RC.1T]</sup> Hypothermic, temp 34C , confirmed with team, for warming blanket.<sup>[RC.1M]</sup>

D:

- GCS<sup>[RC.1T]</sup> 3/15<sup>[RC.1M]</sup>
- RASS<sup>[RC.1T]</sup> -5<sup>[RC.1M]</sup>
- Pupils<sup>[RC.1T]</sup> size 8 non-reactive<sup>[RC.1M]</sup>
- BM:<sup>[RC.1T]</sup> stable. Aiming between 3-20 .<sup>[RC.1M]</sup>
- Nausea/Pain<sup>[RC.1T]</sup>: Appears comfortable. No vomit. No NG to check aspirate.<sup>[RC.1M]</sup>

E:

- S <sup>[RC.1T]</sup> Pa's intact.<sup>[RC.1M]</sup>
- S <sup>[RC.1T]</sup> Standard<sup>[RC.1M]</sup> mattress
- K <sup>[RC.1T]</sup> As able, family has been around to see her so not repositioned often.<sup>[RC.1M]</sup>
- I - IDC. Bowels<sup>[RC.1T]</sup> not opened.<sup>[RC.1M]</sup>
- N <sup>[RC.1T]</sup> not for nutrition. On IVF.<sup>[RC.1M]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

Plan:<sup>[RC.1T]</sup>

Discussion with Consultant Harris

- no longer for neuroprotective
- normal organ protection
- wean sedation overnight (if remains comfortable),, aiming to test for DNC
- background NaCl 0.9%
- LMWH prophylactic dose

Await plan from Dr Harris

A Summers SHO

////////////////////////////////////

DNC parameters for testing - from ficm form based on A Code of Practice for the Diagnosis and Confirmation of Death

- aim MAP >60, HR 60-100
- normocapnia pCO<sub>2</sub> <6.0; avoid hypoxia pO<sub>2</sub> >10; pH 7.35-7.45
- normothermic, keep >34
- Na 115-150, K >2, PO<sub>4</sub> 0.5-3, Mg 0.5-3
- glucose 3-20<sup>[RC.1C]</sup>

@01:00

- Family by bedside. Making sure family is taken care for. Offered drinks. Stepdaughter is here now. Introduced myself and asked if she wanted to talk to any doctors.<sup>[RC.2M]</sup>

@01:48

- ABG performed, I've spoken to Dr Alasdair regarding sodium and chloride levels still going up and patient still very polyuric.<sup>[RC.3M]</sup>

@03:00

- Step<sup>[RC.4M]</sup>sister<sup>[RC.5M]</sup> and parents left the unit. Before leaving the unit the step<sup>[RC.4M]</sup>sister<sup>[RC.5M]</sup> informed me that she has spoken to the consultant Steve Harris and that she agreed with him that the morning consultant 'Roni' would give them a call and talk to her about everything that happened. The step<sup>[RC.4M]</sup>sister<sup>[RC.5M]</sup> also mentioned that She agreed with the 'Dr' not to wean the sedation before they arrive in the morning. Relayed this information the REG and Dr Alasdair, both not aware of this agreement. Team still happy to follow step<sup>[RC.4M]</sup>sister<sup>[RC.5M]</sup> wishes as long as patient stable.<sup>[RC.4M]</sup> Temperature still low, warming blanket on maximum temperature, Medical team aware. Remains polyuric, replacing output with IVF. To monitor Na<sup>+</sup> levels. Sent urine osmolality and sodium.<sup>[RC.6M]</sup>

@06:30

- Informed Dr Alasdair regarding the high sodium and high chloride. Dr Alasdair spoke to REG and plan is to stop chasing output and run Hartman's at 100 ml/hr. Can switch to IV dextrose.<sup>[RC.7M]</sup>

@08:00

- Optimised potassium and phosphate as per prescription. Given desmopressin for polyuria and high sodium. To continue to monitor. Medical team wants to continue dextrose as background fluids.<sup>[RC.8M]</sup> Not repositioned often as family in the unit until late and wanted to give the family time. Mouth care provided.<sup>[RC.9M]</sup>

Electronically signed by Raquel Soraia CASTRO RIBEIRO, RN at 19/7/2021 08:45

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

**Attribution Key**

RC.1 - Raquel Soraia CASTRO RIBEIRO, RN on 19/7/2021 01:16  
RC.2 - Raquel Soraia CASTRO RIBEIRO, RN on 19/7/2021 01:25  
RC.3 - Raquel Soraia CASTRO RIBEIRO, RN on 19/7/2021 01:48  
RC.4 - Raquel Soraia CASTRO RIBEIRO, RN on 19/7/2021 04:47  
RC.5 - Raquel Soraia CASTRO RIBEIRO, RN on 19/7/2021 05:07  
RC.6 - Raquel Soraia CASTRO RIBEIRO, RN on 19/7/2021 04:52  
RC.7 - Raquel Soraia CASTRO RIBEIRO, RN on 19/7/2021 06:35  
RC.8 - Raquel Soraia CASTRO RIBEIRO, RN on 19/7/2021 08:28  
RC.9 - Raquel Soraia CASTRO RIBEIRO, RN on 19/7/2021 08:45  
C - Copied, M - Manual, T - Template

**Melania ABELENDA CASTRO, RN at 19/7/2021 13:45**

NURSING NOTES

**Airway:**<sup>[MA.1T]</sup>

ETT size 7. 22.5 cm at lips. Secured with anchorfast. Cuff inflated. Emergency equipment and airway plan at bedside.<sup>[MA.1M]</sup>

**Breathing:**<sup>[MA.1T]</sup>

Ventilated on SIMV/PS/PC. FiO2 25%, PEEP 5, RR 16, PC 10, PS 10. Good tidal volumes. Sats > 94%. Bilateral air entry. Good gas exchange as per ABG. No cough. No secretions.<sup>[MA.1M]</sup>

**Cardiovascular:**<sup>[MA.1T]</sup>

Supported BP with noradrenaline, aiming MAP >70. ECG SNR. Peripherally warm and well perfused. Pyrexia 38 at 9am, on bair huger max temperature, turned off, temperature came down to 36.8. IDC in place oliguric after desmopressin doctor aware.

K+ topped up.

\* 500ml Hartmans bolus given as per doctors plan.

\* continue on Glucose 5% ivf.

\* aiming Na 150-160.<sup>[MA.1M]</sup>

\* urine output dropped after desmopressine, around 25ml/h doctor informed, they said to monitor for now as they aim her neutral to positive.<sup>[MA.2M]</sup>

**Disability:**<sup>[MA.1T]</sup>

GCS 3/15, pearl 8 non reactive. RASS -5. No limbs movement. No signs of pain or nausea. Sedated with propofol and fentanyl. BM stable as per abg.

\* ~11am consultant stopped sedation, explained that the family wanted to be present when that was done, but she said that she understand that but needed to asses her neurologically so she could not delay that.

\* 12am insulin sliding scale started as per plan, aiming bm 6-10. On Glucose 5% background fluids.

\* NG tube inserted, no aspirates. Awaiting X ray to confirm position.<sup>[MA.1M]</sup>

\* 19.00 ng feed started, as confirmed by xray<sup>[MA.2M]</sup>

**Exposure:**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

S<sup>[MA.1T]</sup> skin intact<sup>[MA.3M]</sup>

S<sup>[MA.1T]</sup> standard mattress<sup>[MA.3M]</sup>

K<sup>[MA.1T]</sup> 3-4 h turn<sup>[MA.3M]</sup>

I<sup>[MA.1T]</sup> idc in place, oliguric after desmopressin. BNO<sup>[MA.3M]</sup>

N<sup>[MA.1T]</sup> NG feed osmolite HP started at 10ml/h to build up as per protocol.<sup>[MA.3M]</sup>

**OTHER:**<sup>[MA.1T]</sup>

\*family came to visit. Curtains closed to give them privacy. Mouth are given, sister ask if we are doing it. When they were here we told them that they may need to step out in a while as Gaia needed a Xray. They asked me why she needed the xray, I told them to check the ng tube position. Then they asked why she needed the NG I explained to give her food and told them that the doctor will explain them everything in hte meeting.

\* Xray came, family went out and they said they will go to the relatives room to make a list of what they wanted to ask the doctors.

\*<sup>[MA.3M]</sup>Family h<sup>[MA.2M]</sup>ad a meeting with itu and neuro consultant.<sup>[MA.3M]</sup>

\* After meeting family came to visit again.

\* Around 19.00 brother came with sister and mum, they asked to speak with Ronnie. Consultant was doing the rounds, sho livia informed and she said she will tell her.

\*20.30 family concerned about hr being 100 and bp high. Night team reassured them.<sup>[MA.2M]</sup>

Electronically signed by Melania ABELEND A CASTRO, RN at 19/7/2021 20:49

**Attribution Key**

MA.1 - Melania ABELEND A CASTRO, RN on 19/7/2021 13:45

MA.2 - Melania ABELEND A CASTRO, RN on 19/7/2021 20:41

MA.3 - Melania ABELEND A CASTRO, RN on 19/7/2021 19:18

M - Manual, T - Template

**Hannah NYBERG, RN at 19/7/2021 23:40**

2030hrs: Patient received into care following handover from previous primary nurse. Family (mother, sister and brother) at bedside, frequent questions during handover, support provided and concerns addressed. Writer informed family of intention to complete assessment. Plan of care explained to family. Family concerned regarding patient's increasing heart rate. Family requesting they be contacted with any change in patient's status - aware frequent interventions required for patient's in itu but writer agreed to call if concerned

-all family left bedside with exception of mother, to family room to await doctor

2040hrs: Mother remains at bedside speaking to writer of daughter/events occurring prior to hospitalisation.

Support provided.<sup>[HN.1M]</sup> Requesting to review patient's medical file, aware writer unable to provide access to same as requires formal request. Mother to family room after discussion<sup>[HN.2M]</sup>

2100hrs: Initial assessment completed

Airway

-ett 7.0 at 23cm to the lips

-cuff pressure 30

-safety checks completed

-airway plan in place

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

Breathing

- mechanically ventilated
- simv ps/pc rate 16, ps 10, pc 8, fiO2 25%
- no spontaneous breaths noted
- lungs clear to bases
- no secretions noted upon suctioning
- no coughing spontaneously/with suction
- no apparent work of breathing noted, appearing comfortably ventilated

Circulation

- sinus tachycardia
- map to be maintained above 65, noradrenaline in place for same
- skin warm pink and dry
- cap refill adequate
- peripheries warm, pulses palpable

Disability

- gsc 3t
- rass -5
- pupils at 8mm, fixed, no reaction noted
- no sedation in place
- no spontaneous movement
- no posturing noted
- no signs of discomfort or nausea

Elimination/Exposure

S-skin intact

S-<sup>[HN.1M]</sup>standard mattress<sup>[HN.3M]</sup>

K-to reposition q2-3hrs

I-urinary catheter in place

N-osmolite at 10ml, ?need to switch to nephro, to discuss with MD team

-ng at 55cm, to monitor aspirates

2130hrs:

- reviewed by itu doctor Elizabeth, aware of polyuria, increased heart rate and blood pressure
- requesting serum/urine osmo

2200hrs:

- itu consultant requesting STAT pregnancy test
- same completed, negative
- as per consultant, family requesting, consultant to return to continue conversation with family
- family not yet returned to bedside
- no further orders received for polyuria/tachycardia

2245hrs:

- reviewed by itu doctor
- aware of tachycardia, increased blood pressure
- aware of polyuria
- no orders received
- to monitor
- family not returned to bedside<sup>[HN.1M]</sup>

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 2 of 4) (continued)**

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0130hrs:

-reviewed during doctors rounds

- patient for repeat dose of desmopressin
- switch to nephro hp feeds (low sodium)
- for continued iv fluids, to monitor intake/output
- to monitor electrolytes<sup>[HN.4M]</sup>

0300hrs:

-MAP below 65, noradrenaline restarted, care continued

0500hrs:

- care continued, refer to flow sheets<sup>[HN.5M]</sup>
- am blood work collected/sent to labs<sup>[HN.6M]</sup>

Update at 0800hrs:

- repositioned/settled
- phosphate replaced
- duo mattress ordered - reference #2893684<sup>[HN.7M]</sup>

0830hrs:

- mother called, updated on night shift, aware daughter remains comfortable
- requesting any news of MRI, notified no update as of yet
- patient handed over to oncoming shift, care transferred<sup>[HN.8M]</sup>

Electronically signed by Hannah NYBERG, RN at 20/7/2021 08:31

**Attribution Key**

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HN.1 - Hannah NYBERG, RN on 19/7/2021 23:40  
HN.2 - Hannah NYBERG, RN on 20/7/2021 01:10  
HN.3 - Hannah NYBERG, RN on 20/7/2021 06:19  
HN.4 - Hannah NYBERG, RN on 20/7/2021 01:39  
HN.5 - Hannah NYBERG, RN on 20/7/2021 05:24  
HN.6 - Hannah NYBERG, RN on 20/7/2021 05:25  
HN.7 - Hannah NYBERG, RN on 20/7/2021 08:08  
HN.8 - Hannah NYBERG, RN on 20/7/2021 08:30  
M - Manual

**Gwenyvere OTERO at 20/7/2021 16:43**

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A  
ETT size 7 at 23cm lip marking secured using anchorfast  
Cuff pressure kept at 30mmHg

B  
Ventilating on SIMV(PC+PS) at 21% FiO2  
Equal chest compression  
Fine crackles on upper lobes, clear breath sounds on bases  
PO2 and pCO2 within normal range  
Nil cough

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

Very minimal secretions from ETT

C

NSR to ST. Nil ectopics.

On Noradrenaline infusion titrated to maintain MAPs >65mmHg

Strong and regular radial and pedal pulses

Hypothermic initially (35.7<sup>[GO.1M]</sup>C<sup>[GO.2M]</sup>), bair hugger settings adjusted

Hypernatremic - on 5% glucose

Episodes of hypokalemia- topped up

D

E1VTM1, PEARL

Full blown and unreactive pupils

RASS of -5, not on sedation<sup>[GO.1M]</sup>

MRI head done today- still awaiting results<sup>[GO.3M]</sup>

E

S- pressure areas intact

S- nursed on duo mattress

K- repositioned every 3hours

I- IDC in situ, BNO

N- On nepro HP at 33mlshr, absorbing well<sup>[GO.1M]</sup>

Patient's sister and mother came to visit today. Family discussion regarding prognosis discussed by consultants.<sup>[GO.3M]</sup>

Electronically signed by Gwenvere OTERO at 20/7/2021 20:06

**Attribution Key**

GO.1 - Gwenvere OTERO on 20/7/2021 18:48

GO.2 - Gwenvere OTERO on 20/7/2021 18:59

GO.3 - Gwenvere OTERO on 20/7/2021 20:05

M - Manual

**Hannah NYBERG, RN at 20/7/2021 22:43**

2030hrs: Handover received from previous primary nurse.<sup>[HN.1M]</sup>

2100hrs: Initial assessment completed

Airway

-ett 7.0 at 23cm to the lips

-cuff pressure 30

-safety checks completed

-airway plan in place

Breathing

-mechanically ventilated

-simv ps/pc rate 1<sup>[HN.1C]</sup>8<sup>[HN.1M]</sup>, ps 10, pc<sup>[HN.1C]</sup> 12<sup>[HN.1M]</sup>, fiO2 2<sup>[HN.1C]</sup>1<sup>[HN.1M]</sup>%<sup>[HN.1C]</sup>, peep 5<sup>[HN.1M]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

- no spontaneous breaths noted
- lungs clear to bases
- no secretions noted upon suctioning
- no coughing spontaneously/with suction
- no apparent work of breathing noted, appearing comfortably ventilated

Circulation

- sinus tachycardia
- map to be maintained above 65, noradrenaline in place for same
- skin warm pink and dry
- cap refill adequate
- peripheries warm, pulses palpable<sup>[HN.1C]</sup>
- hypothermic, bair hugger restarted<sup>[HN.1M]</sup>

Disability

- gsc 3t
- rass -5
- pupils at<sup>[HN.1C]</sup> 7<sup>[HN.1M]</sup>mm, fixed, no reaction noted
- no sedation in place
- no spontaneous movement
- no posturing noted
- no signs of discomfort or nausea

Elimination/Exposure

- S-<sup>[HN.1C]</sup>pressure areas intact<sup>[HN.1M]</sup>
- S-<sup>[HN.1C]</sup>duo<sup>[HN.1M]</sup> mattress
- K-to reposition q2-3hrs
- I-urinary catheter in place
- N-<sup>[HN.1C]</sup>nephro hp running at goal rate<sup>[HN.1M]</sup>
- ng at 55cm, to monitor aspirates<sup>[HN.1C]</sup>

Lines

- two left arm pivs
- right arm piv
- right radial arterial line
- right femoral central line

2115hrs:

- SNOD nurse specialist to bedside, updates given
- requested bloods to be ordered by itu team
- requesting close monitoring of electrolytes (specifically potassium and phosphate at this time)

2120hrs:

- mother to bedside with patient's sister and friend
- time at bedside, support provided

2130hrs:

- itu team aware of sodium at this time and urine outputs
- for repeat urine/blood osmos
- not for enteral h2o at this time
- dextrose infusion to be increased

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

-for ddavp dose

-awaiting order for bloods

-to continue to monitor urine outputs

2150hrs:

-writer approached by sister, three friends of patient have shown up and remain in lobby in anticipation of seeing patient. Writer to double check with charge nurse, to notify sister

-charge nurse said visit must be arranged formally tomorrow by flt

-messaging relayed to family, writer apologetic

-family remains in family room but reports will go home shortly, not likely to return to bedside, although aware they are welcome too<sup>[HN.1M]</sup>

0200hrs:

-seen during itu rounds

-not for rate increase of fluids or enteral feeds

-aware of Na, to monitor, ?need for further dose of DDAVP prior to end of shift

-for phosphate replacement, awaiting order

-aware of increasing noradrenaline requirements and tachycardia, no intervention at this time<sup>[HN.2M]</sup>

0445hrs:

-doctors aware of increasing tachycardia

-no intervention at this time, to monitor

-aware of most recent sodium<sup>[HN.3M]</sup>

0750hrs:

-mother called, aware Gaia settled

-aware MRI report not yet available, mother expecting same today<sup>[HN.4M]</sup>

Electronically signed by Hannah NYBERG, RN at 21/7/2021 07:48

**Attribution Key**

HN.1 - Hannah NYBERG, RN on 20/7/2021 22:43

HN.2 - Hannah NYBERG, RN on 21/7/2021 01:52

HN.3 - Hannah NYBERG, RN on 21/7/2021 04:44

HN.4 - Hannah NYBERG, RN on 21/7/2021 07:47

C - Copied, M - Manual

**Zoie SIDAWAY at 21/7/2021 11:35**

**Nursing Shift Summary**

A:<sup>[ZS.1T]</sup>

- Size 7 ETT remains in situ
- Cuff pressure checked throughout shift
- Nil issues<sup>[ZS.2M]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

B:[ZS.1T]

- RR adjusted slightly for paCO<sub>2</sub> and pH but other settings remain unchanged
- Nil spontaneous effort throughout the day
- Minimal amounts of greenish/ creamy secretions obtained
- Chest clear on auscultation<sup>[ZS.2M]</sup>

C:[ZS.1T]

- Sinus tachy this am, now sinus rhythm
- BP labile, noradrenaline titrated to maintain MAP >70
- K topped up regularly to remain >4
- Mg topped up this am
- Phosphate topped up
- Peripherally warm and well perfused<sup>[ZS.2M]</sup>

D:[ZS.1T]

- BMs stable
- GCS 3
- Pupils size 7 and unresponsive<sup>[ZS.2M]</sup>

E:[ZS.1T]

- S- Duo mattress
- S- All pressure areas intact
- K- Rolled/ repositioned 3 hourly
- I- Polyuric this am- stat dose of DDAVP given with good effect. Has been <100ml/hr since. Aim <250ml
- N- NG feed continues.<sup>[ZS.2M]</sup>

Other:[ZS.1T]

09.50 Called Gaia's mum to introduce myself and inform them that Gaia remains comfortable and her condition is unchanged. They thanked me for the phone call and asked they I ask FLT if her three school friends can visit, around mid day. I told them this should be okay, and I have informed FLT and NIC who also agree it will be fine.

10.30 Noted that Gaia has passed 500ml urine in 30 minutes. Medical team informed, advised to give 4mcg desmopressin- given as px.

11.00 100ml NG water given for hypernatraemia as advised on WR<sup>[ZS.1M]</sup>

11.40 CO<sub>2</sub> 4.07 on ABG, RR reduced to 16 after checking with medical team. Aim CO<sub>2</sub> 4.5-5<sup>[ZS.3M]</sup>

12.45 Four school friends visited following a brief visit from sister Sophie  
Has had visits from mum, Sophie and friend Pippa throughout the afternoon<sup>[ZS.2M]</sup>

18.30 Brain stem testing commenced, observed<sup>[ZS.4M]</sup>

Electronically signed by Zoie SIDAWAY at 21/7/2021 20:26

**Attribution Key**

ZS.1 - Zoie SIDAWAY on 21/7/2021 11:35  
ZS.2 - Zoie SIDAWAY on 21/7/2021 19:02  
ZS.3 - Zoie SIDAWAY on 21/7/2021 11:57  
ZS.4 - Zoie SIDAWAY on 21/7/2021 20:26  
M - Manual, T - Template

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

**Hannah NYBERG, RN at 21/7/2021 23:37**

2030hrs: Patient received into care following handover from previous primary nurse. Consultant and registrar at bedside completing brain death assessment. Writer providing support as required.

2121hrs: gas completed, please note patient on 15L of oxygen for resulted abg, entered incorrectly at 21%

2130hrs: Initial assessment completed once doctors finished with assessment.

**Airway**

-ett 7.0 at 23cm to the lips

-airway plan in place

-safety checks completed

**Breathing<sup>[HN.1M]</sup>**

\_<sup>[HN.2M]</sup>mechanically ventilated

-simv ps/pc rate 1<sup>[HN.2C]</sup>2<sup>[HN.3M]</sup>, ps 10, pc 12, peep 5<sup>[HN.2C]</sup>, fiO2 80%<sup>[HN.3M]</sup>

-no spontaneous breaths noted

-lungs clear to bases

-no secretions noted upon suctioning

-no coughing spontaneously/with suction

-no apparent work of breathing noted, appearing comfortably ventilated<sup>[HN.2C]</sup>

-pO2 to be maintained above 10

-pCO2 to be maintained between 4.5-5.5<sup>[HN.2M]</sup>

**Circulation**

-sinus tachycardia

\_<sup>[HN.1M]</sup>map to be maintained above 65

-titrating noradrenaline to complete same

-afebrile

-bair huger in place

-skim warm pink and dry

-peripheries warm

-cap refill adequate<sup>[HN.2M]</sup>

**Disability<sup>[HN.1M]</sup>**

-gsc 3t

-rass -5

-pupils unreactive and fixed at 7mm

-unsexated

-no apparent signs of discomfort/nausea

-no spontaneous movement<sup>[HN.2M]</sup>

**Elimination/Exposure**

S-duo mattress

S-skin intact

K-to reposition q3-4hrs

I-urinary catheter in place, monitoring outputs, to notify doctor if urine output greater than 250ml/hr

N-enteral feeds<sup>[HN.1M]</sup> as per orders<sup>[HN.2M]</sup>

2150hrs:

SNOD nurse requesting, informed writer of needs/discussed with doctor team

-steroids,

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

- hcg
- chest x-ray
- switch to vasopressin (as per registrar to continue noradrenaline)

2320hrs:

- reviewed by itu doctor
- to continue to closely monitor electrolytes/abg
- ?need for fluid bolus, to reassess

2330hrs:

- registrar at bedside
- aware arterial line not functional despite trouble shooting
- ?rewire vs place a new arterial line, awaiting decision
- ventilator settings changes confirmed by doctor
- to continue current management<sup>[HN.4M]</sup>

0030hrs:

- seen during rounds
- to continue current care
- for magnesium replacement<sup>[HN.5M]</sup> prior to am bloods<sup>[HN.1M]</sup>
- to rewire arterial line<sup>[HN.5M]</sup>
- iv fluids decreased to 75ml/hr<sup>[HN.6M]</sup>
- aware chest x-ray completed<sup>[HN.1M]</sup>

0100hrs:

- SNOD nurse assisted to complete<sup>[HN.6M]</sup> full skin assessment
- patient then resettled/repositioned
- tolerating care

0130hrs:

- arterial line rewired by doctor, effective waveform noted
- brisk blood return

0330hrs:

- SNOD nurse to bedside
- requesting am bloods be sent early, same completed
- requesting abg be completed on 100% FiO<sub>2</sub>, same completed. Resulted at 0309.<sup>[HN.1M]</sup>

0415hrs:

- registrar notified of falling Na
- iv fluids to be decreased to 25ml/hr
- for phosphate replacement<sup>[HN.7M]</sup>

0500hrs:

- SNOD nurse requesting q2hrly abgs on 100%
- writer to facilitate same

0610hrs:

- tachycardia increasing, registrar notified

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

-for singular fluid bolus to assess if fluid responsive<sup>[HN.8M]</sup>

0730hrs:

- reviewed by doctor
- glucose discontinued, to restart continuous hartmans infusion
- to commence Actrapid continuous infusion
- aware of most recent abg/sodium level<sup>[HN.9M]</sup>

0755hrs:

- writer called mother, aware daughter/patient care continued throughout night
- mother says today "big decision/goodbye" to be completed today, writer expressed that this was my understanding as well but was unable to comment on specifics, mother aware same comes from medical team
- no questions from Dorit at this time<sup>[HN.10M]</sup>

Electronically signed by Hannah NYBERG, RN at 22/7/2021 07:57

**Attribution Key**

- HN.1 - Hannah NYBERG, RN on 22/7/2021 03:21
- HN.10 - Hannah NYBERG, RN on 22/7/2021 07:55
- HN.2 - Hannah NYBERG, RN on 22/7/2021 03:48
- HN.3 - Hannah NYBERG, RN on 22/7/2021 04:08
- HN.4 - Hannah NYBERG, RN on 21/7/2021 23:37
- HN.5 - Hannah NYBERG, RN on 22/7/2021 00:33
- HN.6 - Hannah NYBERG, RN on 22/7/2021 00:55
- HN.7 - Hannah NYBERG, RN on 22/7/2021 04:17
- HN.8 - Hannah NYBERG, RN on 22/7/2021 06:09
- HN.9 - Hannah NYBERG, RN on 22/7/2021 07:49
- C - Copied, M - Manual

Holly HARVEY, RN at 22/7/2021 16:41



University College London Hospitals

NHS Foundation Trust

Mortuary Patient Identification form

Please print form and place with patient prior to sending to the Mortuary

Please do not remove ID band: this MUST remain on the patient

Details of deceased patient

Name: <sup>[HH.1T]</sup>	GAIA Inigo YOUNG <sup>[HH.2T]</sup> "[HH.1T]GAIA <sup>[HH.2T]</sup> "	Hospital number: <sup>[HH.1T]</sup>	21365083 <sup>[HH.2T]</sup>
Gender: <sup>[HH.1T]</sup>	female <sup>[HH.2T]</sup>	NHS number:	601 541 0655
Date of birth: <sup>[HH.1T]</sup>	4/3/1996 <sup>[HH.2T]</sup>	Age: <sup>[HH.1T]</sup>	25 y.o. <sup>[HH.2T]</sup>
Ethnicity: <sup>[HH.1T]</sup>	Not Yet Asked [27] <sup>[HH.2T]</sup>	Religion: <sup>[HH.1T]</sup>	No religion on file <sup>[HH.2T]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

Information about death

Date of admission: <sup>[HH.1T]</sup>	17/7/2021 <sup>[HH.2T]</sup>	Date & time of death: <sup>[HH.1T]</sup>	21/7/21 <sup>[HH.1M]</sup> , <sup>[HH.1T]</sup> 20:25 <sup>[HH.1M]</sup>
Location of death: <sup>[HH.1T]</sup>	Theatre 1, DSU <sup>[HH.1M]</sup> , <sup>[HH.1T]</sup> T02 <sup>[HH.1M]</sup> , <sup>[HH.1T]</sup> UCLH <sup>[HH.1M]</sup>	Name of Consultant: <sup>[H.1T]</sup>	SOFAT, REECHA <sup>[HH.2T]</sup>

Diagnosis: <sup>[HH.1T]</sup>	Problem List: 2021-07: Brainstem death <sup>[HH.2T]</sup>
Infection status: <sup>[HH.1T]</sup>	No active infections <sup>[HH.2T]</sup>

Further information provided by Doctor

Name of Doctor who pronounced death: <sup>[HH.1T]</sup>	Sara Polhill <sup>[HH.1M]</sup>
Is this going to be a coroners referral? <sup>[HH.1T]</sup>	Yes <sup>[HH.1M]</sup>

Further information provided by Nurse

Name of Nurse who prepared patient: <sup>[HH.1T]</sup>	Maria Paterno-Garandi <sup>[HH.1M]</sup>
Property on the patient: <sup>[HH.1T]</sup>	None <sup>[HH.1M]</sup>

Further information provided by Doctor -----

**COVID-19 Deaths:**

- Normal process for any patient who has had an infection should apply, please ensure further information is provided if the patient is 'high risk of infection'
  - If patient is high risk please state the type of infection in drop down box
  - If you are unsure what risk the patient is please state the reason why this is unknown in the drop down box
- Latest guidance from Infection Control is that deceased patients do not need to be double bagged
- CAUSE OF DEATH for each patient needs to be completed (including query COVID-19) (only Doctors are able to record Cause of death)
- At this time we are unfortunately unable to accommodate viewings, please ask families to arrange this with funeral parlours

Contact details for the Mortuary:

Phone: 0203 447 3568  
On-call mobile: 07939 938 755  
Fax: 0203 447 9386

NHS number: 601 541 0655	Official sensitive: personal	Page 1 of 1 <sup>[HH.1T]</sup>
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Electronically signed by Holly HARVEY, RN at 22/7/2021 16:45

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 2 of 4) (continued)**

**Attribution Key**

HH.1 - Holly HARVEY, RN on 22/7/2021 16:41  
HH.2 - Holly HARVEY, RN on 22/7/2021 16:42  
M - Manual, T - Template

**Zoie SIDAWAY at 22/7/2021 17:39**

**Nursing Shift Summary**

A:[ZS.1T]

- Natural airway patent
- Cuff pressure checked, nil issues<sup>[ZS.1M]</sup>

B:[ZS.1T]

- CO2 <4 on ABG at 9am so RR reduced slightly
- Chest clear on auscultation
- Small amounts of creamy sputum on suction, nil cough
- No other issues<sup>[ZS.1M]</sup>

C:[ZS.1T]

- Sinus tachy/ sinus rhythm
- BP supported initially with noradrenaline then switched to terlipressin on request of SNOD team, maintained MAP >60
- Electrolytes continue to be monitored
- Peripherally warm and well perfused<sup>[ZS.1M]</sup>

D:[ZS.1T]

- Actrapid infusion continued until feed turned off
- Pyrexia at 9am, 38.2. Blankets removed and IV paracetamol given with good effect
- GCS 3<sup>[ZS.1M]</sup>

E:[ZS.1T]

- S- All pressure areas intact
- S- DUO mattress
- K- Repositioned three hourly then kept comfortable as was with family
- I- BNO, passing adequate amounts of urine
- N- Feed running but then turned off on advice of SNOD<sup>[ZS.1M]</sup>

Other:[ZS.1T]

Patient prepared for theatre and was visited by mum, sister and stepdad throughout the morning. Family were able to spend quality time and played ABBA to her. Mum accompanied to theatre doors then Gaia's bunny was returned to Dorit once Gaia was in theatre.<sup>[ZS.1M]</sup>

Electronically signed by Zoie SIDAWAY at 22/7/2021 17:48

**Attribution Key**

ZS.1 - Zoie SIDAWAY on 22/7/2021 17:39  
M - Manual, T - Template

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 2 of 4) (continued)**

---

**Organ Donation**

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**Tamara VEGA at 19/7/2021 17:15**

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Many thanks for the referral. I note the history and ongoing investigations.

I've seen that the family have raised organ donation and I would suggest that the subject is parked until a SN-OD can speak to them face to face.

Having spoken with Ronnie, I will refer to the coroner myself tomorrow morning with a view to Gaia being a potential donor as the family are concerned that organ donation may supercede a post-mortem. We should then know by tomorrow afternoon as to whether organ donation can proceed.

Any issues between now and then, please contact the London pager number on 07623 512257

Many thanks.

Tamara<sup>[TV.1M]</sup>

Electronically signed by Tamara VEGA at 19/7/2021 17:23

**Attribution Key**

---

TV.1 - Tamara VEGA on 19/7/2021 17:15  
M - Manual

**Trudi NEVES, RN at 20/7/2021 20:42**

---

I note the on going organ donation referral with thanks.

My colleague Tamara Vega has discussed the case with HM Coroner Stephens, with the agreement of the medical team to ascertain if organ donation is an option. The coroner has given restricted consent with requests for: anti mortem bloods to be set aside (arranged by TV), no heart donation, witness 9s and the unit to complete the regular referral.

I was present in a discussion with the family and the consultants caring for Gaia, in which it was agreed an MRI would be completed and a report made available most likely tomorrow to potentially provide a diagnosis.

Organ donation was briefly touched on today, however it was agreed with Dorit and Sophie that further discussion around this would be most suitable tomorrow.

Dr Polhill and I have discussed the importance of ensuring electrolytes are managed overnight, this will ensure Gaia meets the conditions to complete neurological testing if suitable to do so tomorrow.

I have suggested routine bloods sent in the morning and results checked early in case any manipulation/top up is necessary.

For any clarification or queries please do not hesitate to contact the London Organ Donation Services on pager:

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 2 of 4) (continued)**

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07623512257.

Saved by Trudi Neves, Specialist Nurse Organ Donation, LODST.<sup>[TN.1M]</sup>

Electronically signed by Trudi NEVES, RN at 20/7/2021 20:59

**Attribution Key**

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TN.1 - Trudi NEVES, RN on 20/7/2021 20:42  
M - Manual

---

**Tamara VEGA at 22/7/2021 08:36**

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Summary: Organ Donation/ Coroner's Restricted Agreement

Many thanks for referral to the organ donation team. I note the medical history and the cause of death which remains unknown.

Gaia gave first person consent as an organ donor on the organ donor register. We have spent time with Dorit (mum) and Sophie (sister) and explained the donation process in depth which included the coroner's decision, the retrieval timings, after care and communication from the organ donation team after retrieval. We screened with various transplant centres around the country and there was the potential for organ donation. Dorit has signed the consent form to support Gaia's decision to be an organ donor. A copy of this will be in the notes. We have reassured Dorit that up until we go to theatres, should she have any concerns around donation, she can rescind the consent form.

We undertook a full patient medical and physical assessment and there were no new findings that we were concerned about.

I spoke with the Coroner's Officer Caroline Lawson on behalf of HMC Coroner Stephens and relayed the information of Gaia's admission, unknown cause of death and a potential organ donor. Restricted agreement was given for retrieval of lungs, liver, kidneys, pancreas, multi-visceral, corneas and tissue. They have said NO to heart retrieval, they want ante-mortem bloods saved, witness 9s to be completed by the retrieval surgeon and the unit to make their normal referral to the coroner. I have confirmed with the haematology lab to save samples from admission for the coroner.

Tissue retrieval will not be occurring due to the nature of Gaia's death but we are proceeding to organ retrieval.

Dr Polhill has been made aware of consent given and is happy to support organ donation. She has requested that an LP is done post-mortem prior to moving Gaia to the mortuary. I will confirm the exact details of this today.

We continue to support the family throughout this and I have updated Dorit on the retrieval team arriving at 11am today. I will speak to her when I meet her.

Tamara Vega, SN-OD  
London Organ Donation Services Team  
Pager: 07623 512257

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 2 of 4) (continued)**

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Important - FOR THE ATTENTION OF THE PATHOLOGIST REGARDING POST-MORTEM EXAMINATION

If a post mortem examination is performed, please contact NHS Blood and Transplant on 0117 975 7580 as a matter of urgency, should the post mortem identify pathology that is, or may be, relevant for the health or future health of transplant recipient(s) and/or the patient's family<sup>[TV.1M]</sup>

Electronically signed by Tamara VEGA at 22/7/2021 09:10

**Attribution Key**

---

TV.1 - Tamara VEGA on 22/7/2021 08:36  
M - Manual

---

**Zoie SIDAWAY at 22/7/2021 17:48**

---

Summary: Specialist Nurse Organ Donation Theatre entry

\*For further information about process see previous organ donation note\*

Retrieval surgery went as planned and Liver and both kidneys were retrieved.

Last offices performed by SNOD S.Gibbs, myself (Sonia Fernandez), ICU nurse Zoe, and theatre staff. Urinary catheter fell out and CVC line was half pulled out by NORS assistant until challenged not to do it. Otherwise all lines left insitu. Body labels placed on body and body bag as per theatre staff.

Body left clean and in good condition.

Midline operation wound neatly sutured by NORS and simple dressing applied. No oozing noted.

Music played during theatre as per family request.

For any clarification or queries please contact:

Sonia Fernandez Lopez, Specialist Nurse in Organ Donation.  
London Organ Donation team .  
Pager 07623512257.

IMPORTANT -FOR THE ATTENTION OF THE PATHOLOGIST REGARDING POST MORTEM EXAMINATION: If a post mortem is performed, please contact NHS Blood and Transplant on 01179757580 as a matter of urgency, should the post mortem identify pathology that is or may be relevant for the health or future health of the transplant recipient And/or the patient's family.<sup>[ZS.1M]</sup>

Electronically signed by Zoie SIDAWAY at 22/7/2021 18:00

**Attribution Key**

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ZS.1 - Zoie SIDAWAY on 22/7/2021 17:48  
M - Manual

UNIVERSITY COLLEGE HOSPITAL CAMPUS  
University College Hospital Campus  
235 Euston Road  
London  
NW1 2BU

YOUNG, GAIA Inigo  
MRN: 21365083, DOB: 4/3/1996, Sex: F  
Adm: 17/7/2021, D/C: 23/7/2021

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 2 of 4) (continued)**

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 3 of 4)**

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**PERRT**

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**John Dean SKULL, RN at 18/7/2021 14:48**

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Summary: Verbal Advice

PERRT<sup>[JS.1M]</sup>

Written in retrospect<sup>[JS.2M]</sup>

Received bleep from SN on AMU re patient with odd behaviour and altered conscious state. Request advice and to make PERRT aware of potential to deteriorate.

Brief SBAR taken and notes review.

Medical team planning LP for diagnostic purposes and present on ward.

Vitals reviewed.

Advised blood glucose check now

ECG if able and I would attend within 15mins

Advised to call back at any point if situation changed.

John Skull

Senior Nurse

3302<sup>[JS.1M]</sup>

Electronically signed by John Dean SKULL, RN at 21/7/2021 18:10

**Attribution Key**

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JS.1 - John Dean SKULL, RN on 21/7/2021 17:59

JS.2 - John Dean SKULL, RN on 21/7/2021 18:09

M - Manual

---

**John Dean SKULL, RN at 18/7/2021 15:20**

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PERRT<sup>[JS.1M]</sup>

Written in retrospect<sup>[JS.2M]</sup>

Attended bedside to review patient.

Present was SN and SHO and FY1 planning LP.

Vitals continuously monitored via dynamap

Vitals had been stable

Saturating well on RA though was agitated.

15:36 2222 Medical Emergency Call took me away from bedside.

SHO FY1 SN and Sr of ward remained at bedside.

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 3 of 4) (continued)**

John Skull  
Senior Nurse  
3302<sup>[JS.1M]</sup>

Electronically signed by John Dean SKULL, RN at 21/7/2021 18:09

**Attribution Key**

JS.1 - John Dean SKULL, RN on 21/7/2021 18:04  
JS.2 - John Dean SKULL, RN on 21/7/2021 18:09  
M - Manual

**John Dean SKULL, RN at 18/7/2021 17:47**

PERT Note

Date: 18/7/2021  
Time: 17:47

Reviewed by: John Dean Skull, RN,

Reason for Review:<sup>[JS.1T]</sup> 2222 DROP IN GCS<sup>[JS.1M]</sup>  
Written in retrospect<sup>[JS.2M]</sup>

PMH atopy.

Eczema hayfever

Multiple allergies but to cosmetics mostly, no anaphylaxis and no drug allergies

Usually manifests as a rash

1. Acute change in behaviour

Repeating in ED 'i made a mistake' 'I need to wait'

Mydriasis

Ethanol level <100, Salicylate neg, CK 54<sup>[JS.1C]</sup>

Attended as part of 2222 response.

All team in attendance.

Given drop in neuro and unknown aetiology ICU consultant decision to I+V and transfer to ICU via CT.

Ward based intubation<sup>[JS.1M]</sup> led by anaesthetics.<sup>[JS.3M]</sup>

Uneventful<sup>[JS.1M]</sup> - Fully monitored.<sup>[JS.3M]</sup>

Uneventful transfer to CT Scan<sup>[JS.1M]</sup> - Fully monitored. Led by Anaesthetics supported by PERT.<sup>[JS.3M]</sup>

Full hand over to ICU team.

NOK updated by registrar.<sup>[JS.1M]</sup>

Vital Signs:

Vital signs:

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 3 of 4) (continued)**

18/07/21 12:28

BP: 107/66  
Pulse: 74  
Resp: 21  
Temp: 36.6 °C (97.9 °F)  
SpO2: 98%

Intake/Output this shift:

Intake/Output Summary (Last 24 hours) at 18/7/2021 17:47

Last data filed at 18/7/2021 11:38

Gross per 24 hour

Intake	1400 ml
Output	—
Net	1400 ml

Note completed by: John Dean Skull, RN, 17:47

Bleep/Mobile number: <sup>[JS.1T]</sup> 3302 <sup>[JS.1M]</sup>

Electronically signed by John Dean SKULL, RN at 21/7/2021 18:09

**Attribution Key**

JS.1 - John Dean SKULL, RN on 18/7/2021 17:47  
JS.2 - John Dean SKULL, RN on 21/7/2021 18:09  
JS.3 - John Dean SKULL, RN on 21/7/2021 18:08  
C - Copied, M - Manual, T - Template

**Procedures**

**Thomas SAMUELS at 18/7/2021 14:15**

Procedure Orders

1. Lumbar puncture [132216738] ordered by Thomas SAMUELS

Lumbar puncture <sup>[TS.1M]</sup>

Date/Time: <sup>[TS.1T]</sup> 18/7/2021 14:15 <sup>[TS.2M]</sup>

Performed by: <sup>[TS.1T]</sup> Simon Alexander Thomas WESTBY <sup>[TS.1M]</sup>

Authorized by: <sup>[TS.1T]</sup> Christian HASFORD <sup>[TS.1M]</sup>

Indications: <sup>[TS.1T]</sup> Evaluation for infection and evaluation for altered mental status <sup>[TS.1M]</sup>

Anaesthesia: <sup>[TS.1T]</sup> Local infiltration <sup>[TS.1M]</sup>

Local anaesthetic: <sup>[TS.1T]</sup> Lidocaine 1% without adrenaline <sup>[TS.1M]</sup>

Patient sedated: <sup>[TS.1T]</sup> No <sup>[TS.1M]</sup>

Sterile drapes: <sup>[TS.1T]</sup> Yes <sup>[TS.1M]</sup>

Site cleaned with: <sup>[TS.1T]</sup> 2% Chlorhex <sup>[TS.1M]</sup>

Lumbar space: <sup>[TS.1T]</sup> L4-L5 interspace <sup>[TS.1M]</sup>

Patient's position: <sup>[TS.1T]</sup> Right lateral decubitus <sup>[TS.1M]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 3 of 4) (continued)**

Needle type:<sup>[TS.1T]</sup> Spinal needle - Quincke tip<sup>[TS.1M]</sup>  
Needle length:<sup>[TS.1T]</sup> Standard<sup>[TS.1M]</sup>  
Number of attempts:<sup>[TS.1T]</sup> 1<sup>[TS.1M]</sup>  
Post-procedure:<sup>[TS.1T]</sup> Adhesive bandage applied

Documented in retrospect.

Procedure attempted by FY1 Westby, assisted and supervised by IMT Samuels

Details as above.

Procedure abandoned without accessing the intra-thecal space due to patient becoming agitated.

No immediate complications<sup>[TS.1M]</sup>

Electronically signed by Thomas SAMUELS at 23/7/2021 09:30

**Attribution Key**

TS.1 - Thomas SAMUELS on 23/7/2021 09:21

TS.2 - Thomas SAMUELS on 23/7/2021 09:29

M - Manual, T - Template

**Thomas SAMUELS at 18/7/2021 15:15**

Procedure Orders

1. Lumbar puncture [132216740] ordered by Thomas SAMUELS

Lumbar puncture<sup>[TS.1M]</sup>

Date/Time:<sup>[TS.1T]</sup> 18/7/2021 15:15<sup>[TS.1M]</sup>

Performed by:<sup>[TS.1T]</sup> Thomas SAMUELS<sup>[TS.1M]</sup>

Authorized by:<sup>[TS.1T]</sup> Christian HASFORD<sup>[TS.1M]</sup>

Indications:<sup>[TS.1T]</sup> Evaluation for infection and evaluation for altered mental status<sup>[TS.1M]</sup>

Anaesthesia:<sup>[TS.1T]</sup> Local infiltration<sup>[TS.1M]</sup>

Local anaesthetic:<sup>[TS.1T]</sup> Lidocaine 1% without adrenaline<sup>[TS.1M]</sup>

Anaesthetic total (ml):<sup>[TS.1T]</sup> 5<sup>[TS.1M]</sup>

Patient sedated:<sup>[TS.1T]</sup> Yes<sup>[TS.1M]</sup>

Sedation:<sup>[TS.1T]</sup> Morphine<sup>[TS.1M]</sup>

Analgesia:<sup>[TS.1T]</sup> Morphine<sup>[TS.1M]</sup>

Sterile drapes:<sup>[TS.1T]</sup> Yes<sup>[TS.1M]</sup>

Site cleaned with:<sup>[TS.1T]</sup> 2% Chlorhex<sup>[TS.1M]</sup>

Operator:<sup>[TS.1T]</sup> Glove<sup>[TS.1M]</sup>

Lumbar space:<sup>[TS.1T]</sup> L3-L4 interspace<sup>[TS.1M]</sup>

Patient's position:<sup>[TS.1T]</sup> Left lateral decubitus<sup>[TS.1M]</sup>

Needle gauge:<sup>[TS.1T]</sup> 20<sup>[TS.1M]</sup>

Needle type:<sup>[TS.1T]</sup> Spinal needle - Quincke tip<sup>[TS.1M]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 3 of 4) (continued)**

Needle length:<sup>[TS.1T]</sup> Standard

Documented in retrospect - did not document contemporaneous due to events documented elsewhere. Procedure attempted by IMT Samuels with FY1 Westby and student nurse (name not known to me) assisting.

2.5mg IV morphine diluted to 5ml total volume with saline administered by FY1 Westby 10min before procedure. Patient observed. No immediate complications.

Site cleaned and infiltrated with local anaesthetic by myself. No blood or CSF withdrawn during infiltration. During procedure, patient noticed to be unresponsive by FY1 Westby. Procedure abandoned and resuscitation commenced as documented elsewhere.<sup>[TS.1M]</sup>

Electronically signed by Thomas SAMUELS at 23/7/2021 09:29

**Attribution Key**

TS.1 - Thomas SAMUELS on 23/7/2021 09:24  
M - Manual, T - Template

**Declan CRILLY at 18/7/2021 18:32**

Procedures  
1. INSERT ARTERIAL LINE [IVT1 (Custom)]

Summary: ART line insertion

DCRILLY Crit care SHO<sup>[DC.1M]</sup>

Arterial line

Date/Time:<sup>[DC.1C]</sup> 18/7/21<sup>[DC.1M]</sup>

Performed by:<sup>[DC.1C]</sup> DCRILLY Crit care SHO<sup>[DC.1M]</sup>

Authorized by:<sup>[DC.1C]</sup> Dr A Carter<sup>[DC.1M]</sup>

Preparation: Skin prepped with 2% chlorhexidine

Indications: multiple ABGs and haemodynamic monitoring

Local anaesthesia used?:<sup>[DC.1C]</sup> No<sup>[DC.1M]</sup>

Patient sedated:<sup>[DC.1C]</sup> Yes- for I+V<sup>[DC.1M]</sup>

Location:<sup>[DC.1C]</sup> Right radial<sup>[DC.1M]</sup>

Seldinger technique: Seldinger technique used

Number of attempts:<sup>[DC.1C]</sup> 2<sup>[DC.1M]</sup>

Post-procedure: Dressing applied

Post-procedure CMS: Normal and unchanged

Patient tolerance: Patient tolerated the procedure well with no immediate complications<sup>[DC.1C]</sup>

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 3 of 4) (continued)**

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Supervised by SHO Gottardi

DCRILLY<sup>[DC.1M]</sup>

Electronically signed by Declan CRILLY at 18/7/2021 18:39

**Attribution Key**

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DC.1 - Declan CRILLY on 18/7/2021 18:32

C - Copied, M - Manual

---

**Declan CRILLY at 22/7/2021 01:31**

---

Procedures

1. INSERT ARTERIAL LINE [IVT1 (Custom)]

Arterial line rewired:

Not resited

Utilised same site, Right radial artery

Aseptic technique used

utilising wire, new art line catheter inserted

Inserted with ease

Flushed

Checking trace and blood gas now

DCRILLY Crit care SHO<sup>[DC.1M]</sup>

Electronically signed by Declan CRILLY at 22/7/2021 01:33

**Attribution Key**

---

DC.1 - Declan CRILLY on 22/7/2021 01:31

M - Manual

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4)**

**Progress Notes**

**Conor FEELY at 18/7/2021 03:38**

PC: vomiting, confusion, ? intoxication

Initial Clerking by Dr Veary in ED - not duplicated as I have very limited additional information:

Key points:

- Reported to ED with headache, nausea and vomiting after lying in the sun. -Unusual behaviour in ED, very erratic behaviour with both Dr Veary and myself when we asked her questions
- Very quickly and clearly answered "No" when asked if she took any drugs or drank alcohol yesterday
- But did not answer my question x3 when I asked her to detail what happened yesterday
- Answered that she knows she is in hospital

Her speech is clear and she was oriented based on the few questions she was willing to answer. Her answers were quick. She does not appear confused.

She then turned over and pulled the sheet up over her head each time I asked her to explain what happened prior to admission.

O/E<sup>[CF.1M]</sup>

**Vital signs:**

18/07/21 03:28

BP: 137/68  
Pulse: 103  
Resp: 19  
Temp: 36.8 °C (98.2 °F)  
SpO<sub>2</sub>: 100%<sup>[CF.2T]</sup>

Able to walk to the toilet.

Not dysarthric

No gait abnormality witnessed

No focal neurology noticed while she walked

Refused formal examination

But examined earlier by Dr Veary and no positive findings

Impression:<sup>[CF.1M]</sup>

Mild h<sup>[CF.3M]</sup>ypernatraemia on VBG

Dehydrated on admission

Suspicious for drug use +/- alcohol based on behaviour and mydriasis

Plan:

1. Collateral from mother who she earlier claimed to be with during the day (unable to get through when we tried) if she does not improve
2. IV fluids
3. Chase ethanol level
4. Likely home in the morning<sup>[CF.1M]</sup>
5. Re-assess later<sup>[CF.4M]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

Electronically signed by Conor FEELY at 18/7/2021 04:11

**Attribution Key**

CF.1 - Conor FEELY on 18/7/2021 03:38  
CF.2 - Conor FEELY on 18/7/2021 03:40  
CF.3 - Conor FEELY on 18/7/2021 04:10  
CF.4 - Conor FEELY on 18/7/2021 04:04  
M - Manual, T - Template

**Simon Alexander Thomas WESTBY at 18/7/2021 10:26**

## Post Take Ward Round

Led by:<sup>[SW.1T]</sup> Dr Hasford<sup>[SW.1M]</sup>

25 y.o. female presenting with<sup>[SW.1T]</sup> odd behaviour

### Issues

1.<sup>[SW.1M]</sup> Acute change in<sup>[SW.2M]</sup> behaviour<sup>[SW.1M]</sup>

Repeating in ED 'i made a mistake' 'I need to wait'

Mydriasis

Ethanol level <100, Salicylate neg, CK 54<sup>[SW.3M]</sup>

### Progress

Lying in bed, sheet over her face

Reports that she think she states she thinks she has heat stroke. She is missing her ballroom dance class today

Collateral for mum: behaviour completely out of keeping. At home at mums house. Went cycling in sun 40 minutes.

Came back,w as relaxing with friends in the garden and then went up to her room, vomited, called her mum saying she was ill threw LAS called.<sup>[SW.2M]</sup>

### Examination:

#### Vital signs:

18/07/21 09:00

BP: 122/70

Pulse: 70

Resp: 23

Temp: 37.8 °C (100 °F)

SpO2: 100%<sup>[SW.1T]</sup>

Pupils euqal but small, sluggish, rolling head around in bed, keeping eyes closed<sup>[SW.2M]</sup>

#### Investigations<sup>[SW.1T]</sup>

Hb 126

WCC 8.1

CRP 0.6

Na 128

K 3.8

Cr 57<sup>[SW.3M]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

Impression:[SW.1T]

?encephalitis: acute change in behaviour with fever. Doesn't fit with sunstroke (no signs of sun burn, only in sun for 40 mins)[SW.2M]

Plan:[SW.1T]

1. Urine tox[SW.3M]
2. CT head with contrast ? enceph
3. LP - cells, protein, glucose, viral PCR, culture opening pressure[SW.2M]

Signed by SIMON ALEXANDER THOMAS, WESTBY at 10:26[SW.1T]

#2227[SW.2M]

Electronically signed by Simon Alexander Thomas WESTBY at 18/7/2021 11:11

**Attribution Key**

SW.1 - Simon Alexander Thomas WESTBY on 18/7/2021 10:26

SW.2 - Simon Alexander Thomas WESTBY on 18/7/2021 11:00

SW.3 - Simon Alexander Thomas WESTBY on 18/7/2021 10:51

M - Manual, T - Template

**Thomas SAMUELS at 18/7/2021 12:57**

AMU SHO Samuels

Discussed with Neurology SpR

Agrees that whilst drugs remain a possibility especially given the finding of urinary retention, we need to rule out encephalitis here.

She has kindly agreed to review the patient later today

Suggests

- CT head and LP today as planned[TS.1M] - I have already protocolled the former and called the CT scanner to bring her down.[TS.2M]
- MRI head - this can happen tomorrow
- EEG today and tomorrow
- Antimicrobial cover as currently prescribed.
- Neurology to review[TS.1M]

Tom Samuels

Acute Medicine IMT2[TS.1T]

431[TS.1M]0

ADDEN

Discussed with Neurophysiologist on call

Will contact their consultant and get back to me RE: out of hours EEG[TS.3M]

Printed on 16/9/21 15:58

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

Call returned 30mins later - not for out of hours EEG, will be done first thing on Monday morning.<sup>[TS.4M]</sup>

Electronically signed by Thomas SAMUELS at 18/7/2021 21:19

**Attribution Key**

TS.1 - Thomas SAMUELS on 18/7/2021 12:57  
TS.2 - Thomas SAMUELS on 18/7/2021 21:19  
TS.3 - Thomas SAMUELS on 18/7/2021 13:05  
TS.4 - Thomas SAMUELS on 18/7/2021 17:57  
M - Manual, T - Template

**Thomas SAMUELS at 18/7/2021 16:00**

AMU SHO Samuels

Documented in retrospect.<sup>[TS.1M]</sup>

CT head reported as normal. Proceeded to LP<sup>[TS.2M]</sup>

LP attempted x1 by FY1 Westby with my supervision at approx 2pm. Sterile technique in right lateral position in L4/5. 5ml of 1% lidocaine administered without adverse effect. L<sup>[TS.1M]</sup>P<sup>[TS.3M]</sup> attempted but unfortunately no<sup>[TS.1M]</sup>t<sup>[TS.3M]</sup> successful as patient remains<sup>[TS.1M]</sup> restless<sup>[TS.4M]</sup>, similar to presentation at ward this morning.<sup>[TS.1M]</sup> Intrathecal space not accessed.<sup>[TS.3M]</sup> Procedure abandoned as patient uncomfortable and complaining of severe headache

In the interim, patient assessed by Neurology SpR<sup>[TS.1M]</sup> as documented elsewhere<sup>[TS.3M]</sup>.

I then reattempted the procedure with Fy1 Westby assist<sup>[TS.1M]</sup>ing<sup>[TS.3M]</sup>, along with one of the nursing students who's name unfortunately I did not catch, after giving 2.5mg IV morphine to treat headache and settle patient. No immediate complications from morphine.<sup>[TS.1M]</sup> Procedure started around<sup>[TS.4M]</sup> 15<sup>[TS.3M]</sup>.15<sup>[TS.4M]</sup>pm<sup>[TS.3M]</sup>

Attempted left lateral, sterile conditions, a further 5ml 1% lidocaine infiltrated in two tracks in L3/4 space (initial tract contacted bone superficially, repositioned needle to anaesthetise second tract). No blood drawn back.<sup>[TS.1M]</sup>

Shortly after<sup>[TS.4M]</sup> administering the lidocaine but prior to attempting to introduce the LP needle<sup>[TS.3M]</sup>, patient was noticed to<sup>[TS.4M]</sup> be<sup>[TS.3M]</sup> unresponsive by Fy1 Westby.

O<sup>[TS.4M]</sup>n initial assessment by me the patient was not responsive and was not making any respiratory effort. R<sup>[TS.3M]</sup>apidly became cyanotic - alarm pulled and 2222 call out<sup>[TS.4M]</sup> approx<sup>[TS.5M]</sup> 15<sup>[TS.6M]</sup>.30pm<sup>[TS.5M]</sup>

Initial assessment and management as follows:<sup>[TS.3M]</sup>

- No respiratory effort<sup>[TS.4M]</sup> and no air entry confirmed on auscultation of the chest<sup>[TS.3M]</sup>.<sup>[TS.4M]</sup> Central pulse present but thready.
- Patient immediately returned to supine position, head of the bed accessed,<sup>[TS.3M]</sup> Jaw thrust<sup>[TS.4M]</sup> applied<sup>[TS.3M]</sup> and BVM applied on 15l/m o2.
- OP then inserted - tolerated well.
- Patient colour improved rapidly<sup>[TS.4M]</sup> with two person BVM technique - good bilateral chest movement. sO2

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

94% when sats probe applied.<sup>[TS.3M]</sup>

- Pulse present throughout, initially rapid and thready HR 180 but improved with oxygenation<sup>[TS.4M]</sup>, better volume, HR 150.
- Defibrillator pads applied and tachycardia with multifocal morphology, mixed broad and narrow<sup>[TS.4M]</sup> QRS complexes<sup>[TS.7M]</sup> seen<sup>[TS.4M]</sup> on monitor<sup>[TS.3M]</sup>. BP 180/100.<sup>[TS.4M]</sup> 12 lead requested.<sup>[TS.3M]</sup>
- Rash seen to develop at site of LA injection + anterior abdomen, BL upper limb. No evidence of lip swelling and no difficulty ventilating patient.
- Given developing rash with sudden LOC and cessation of respiratory effort, 0.5ml IM adrenaline given to upper anterolateral left thigh<sup>[TS.4M]</sup> given.<sup>[TS.3M]</sup>
- Patient remained GCS 3/15<sup>[TS.4M]</sup> to<sup>[TS.3M]</sup> this point<sup>[TS.4M]</sup>,<sup>[TS.3M]</sup> pupils initially slightly large and sluggish<sup>[TS.4M]</sup> L>R<sup>[TS.8M]</sup>. BM 11.<sup>[TS.4M]</sup>

By<sup>[TS.3M]</sup> this point,<sup>[TS.4M]</sup> around 15.40pm,<sup>[TS.6M]</sup> anaesthetic team, ICU Cons, PERRT, Tower SpR all in attendance. Airway management taken over by anaesthetics, water circuit applied<sup>[TS.4M]</sup>, continued to BVM with this<sup>[TS.3M]</sup>.

- ABG taken by F1 Westby.<sup>[TS.4M]</sup> pH 7.26, pCO<sub>2</sub> 5.96, pO<sub>2</sub> 63.5, Na 123, k 3.1, lac 2.7<sup>[TS.9C]</sup>.<sup>[TS.9M]</sup> Worsning Na, K mildly low. Hartmanns started<sup>[TS.4M]</sup> by Anaesthetics team<sup>[TS.3M]</sup>.
- Oxygenating well on BVM but<sup>[TS.4M]</sup> still<sup>[TS.3M]</sup> no respiratory effort<sup>[TS.4M]</sup> from patient<sup>[TS.3M]</sup>.
- 12 lead ECG, uploaded, shows multifocal tachycardia with high burden of ventricular rhythm. Maintaining BP and so decision taken with ICU Cons Harris not to start amiodarone. VR now 14<sup>[TS.4M]</sup>0<sup>[TS.3M]</sup>.
- Pupils becoming unequally sized left larger than right<sup>[TS.4M]</sup> noticed by anaesthetic team<sup>[TS.3M]</sup>.<sup>[TS.4M]</sup> Poorly reactive.
- Note urinary retention and catheterisation earlier this morning<sup>[TS.3M]</sup>

At this point,<sup>[TS.4M]</sup> around 4pm,<sup>[TS.6M]</sup> the assessment of ICU Cons Harris was the patient required intubation<sup>[TS.4M]</sup> in AMU<sup>[TS.3M]</sup>,<sup>[TS.4M]</sup> urgent<sup>[TS.3M]</sup> repeat CT and admitting to ICU for further management.<sup>[TS.4M]</sup> All in agreement.<sup>[TS.6M]</sup>

Current differential is wide<sup>[TS.4M]</sup>:

- P<sup>[TS.3M]</sup>rogressive neurological infection remains most likely, more likely parenchymal than meningitic.
- Ddx:
  - acute vascular event<sup>[TS.4M]</sup> (plausible)<sup>[TS.3M]</sup>,
  - acute allergic reaction<sup>[TS.4M]</sup> (acute deterioration after medication, rash, but no angioedema, good BP throughout)<sup>[TS.3M]</sup>,
  - IV lidocaine introduction<sup>[TS.4M]</sup> (although small dose<sup>[TS.3M]</sup>,<sup>[TS.4M]</sup> no evidence of venous puncture during procedure)<sup>[TS.3M]</sup>
  - drugs<sup>[TS.4M]</sup> (urinary retention, CNS depression, pupillary effects, Na low but pupils unequal, history against)<sup>[TS.3M]</sup>.

The patient is to be intubated in AMU and taken directly to CT. This is currently being organised by the ICU, PERRT and anaesthetic teams. Many thanks.<sup>[TS.4M]</sup>

Tom Samuels  
Acute Medicine IMT2<sup>[TS.4T]</sup>  
4310<sup>[TS.4M]</sup>

ADDEN:

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 4 of 4) (continued)**

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Called by Radiology team around 1900. Informed of CT result and that previous CT also showed evidence of parenchymal oedema that was not reported. Advised against LP currently.

I have gone to ICU in person and handed over to the team looking after her. They are aware urgent discussion with Neurosurgery is advised.<sup>[TS.3M]</sup>

Tom Samuels  
Acute Medicine IMT2<sup>[TS.3T]</sup>  
4310<sup>[TS.3M]</sup>

Electronically signed by Thomas SAMUELS at 18/7/2021 21:42

**Attribution Key**

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TS.1 - Thomas SAMUELS on 18/7/2021 17:21  
TS.2 - Thomas SAMUELS on 18/7/2021 17:58  
TS.3 - Thomas SAMUELS on 18/7/2021 21:19  
TS.4 - Thomas SAMUELS on 18/7/2021 17:31  
TS.5 - Thomas SAMUELS on 18/7/2021 18:00  
TS.6 - Thomas SAMUELS on 18/7/2021 21:36  
TS.7 - Thomas SAMUELS on 18/7/2021 21:41  
TS.8 - Thomas SAMUELS on 18/7/2021 18:07  
TS.9 - Thomas SAMUELS on 18/7/2021 21:35  
C - Copied, M - Manual, T - Template

**Allycia MACDONALD at 18/7/2021 16:08**

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Neurology SpR MacDonald

Thanks for the consult

25 year old lady from home with mother, previously fit and well  
Admitted with acute onset behavioural change.

Limited history available from Gaia at time of review

She was able to tell me that yesterday she went on a bike ride in the sun, and felt unwell when she came home. Other than making noises of agreement, she was unable to provide any further history to me.

I note her erratic behaviour witnessed overnight in ED - hiding under blankets, restlessness, vomiting.

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

There is no currently history of obvious prodromal illness leading to admission.

On examination<sup>[AM.1M]</sup>

**Vital signs:**

18/07/21 12:28

BP: 107/66  
Pulse: 74  
Resp: 21  
Temp: 36.6 °C (97.9 °F)  
SpO2: 98%<sup>[AM.2T]</sup>

Drowsy but rousable  
Following simple one stage commands  
Eyes open to voice  
No gaze deviation  
Intermittently engaging with conversation

Tone normal bilaterally upper and lower limbs  
Reflexes present and symmetrical, not pathological. Plantars flexor.  
Moving all limbs voluntarily with good strength  
Not complying with formal neurological examination.

No rash.

**Investigations**

Afebrile since admission, highest temp 37.8 at 0900  
FBC 126/8.1/195  
UEC 128/3.8/57, Ca 2.23, CRP 0.6

I have discussed her CT head non contrast performed at 1300 today with the neuroradiologist at NHNN. He agrees that the brain looks swollen and tight. The temporal horns can just be made out.

In view of this we recommend holding off LP for now.

**Impression**

This is a syndrome of acute onset behavioural change, with no clear aetiology currently. Infective encephalitis is high on the differential list. Brain imaging demonstrates generalised swelling of the brain, and as such currently we would advise against proceeding with LP but continuing empiric therapy for the time being.

**Addendum:**

I contacted the AMU SHO with regard to holding off with LP, and was informed that unfortunately while setting up for LP (but prior to needle insertion), Gaia dropped her consciousness, and may have blown a pupil. I understand she is being taken for repeat imaging currently and then to ITU as required.

I note hyponatraemia has worsened - now 123.

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 4 of 4) (continued)**

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Suggest

1. Repeat CT head with CT venogram ?CVST driving raised intracranial pressure
2. Low threshold for discussion with neurosurgeons as required ?role for EVD etc given tight appearance of brain on initial imaging at 1pm
  - CSF can be obtained for testing if EVD inserted
3. Continue empiric treatment with ceftriaxone and aciclovir
4. MRI brain would be diagnostically useful when able
5. Consider EEG in due course

Dr Heaney is aware of the above. Please call us if required overnight - I will hand over to my colleagues for the week ahead also.<sup>[AM.1M]</sup>

Electronically signed by Allycia MACDONALD at 18/7/2021 17:16

**Attribution Key**

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AM.1 - Allycia MACDONALD on 18/7/2021 16:08  
AM.2 - Allycia MACDONALD on 18/7/2021 17:11  
M - Manual, T - Template

**Stephen HARRIS at 18/7/2021 16:08**

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Crash call 15:30<sup>[SH.1M]</sup>

**Attribution Key**

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SH.1 - Stephen HARRIS on 18/7/2021 16:08  
M - Manual

**Thomas SAMUELS at 18/7/2021 16:55**

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AMU SHO Samuels

Collateral history from mother Dorit and update as to the situation.

PMH atopy.

Eczema hayfever

Multiple allergies but to cosmetics mostly, no anaphylaxis and no drug allergies

Usually manifests as a rash

Non smoker

Drinks in moderation.

No drugs that Dorit is aware of, would be out of character for her although she agrees she might not necessarily know.

Works in a tech company in their product support division.

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

Keen cyclist  
High functioning cognitively.  
No unusual hobbies  
No pets.  
No unwell contacts  
2x COVID vacc Pfizer in Jan/March

Gaia has been well recently, her current presentation is very acute  
Had been out shopping and cycling for several hours in the afternoon.  
Seems normal on her return - ate an ice cream.  
Later, around 5pm, family friends came over for a meal. Noted Gaia was quiet and didnt eat much.  
She took herself off to the sofa at 5.30 complaining of feeling unwell and having a headache.  
At 6pm she started vomiting significant amounts and her mum started going backwards and forwards to check on her. Called 111 who advised paramedic attendance - they arrived at 10pm approx.  
During that time ongoing headache and vomiting but no personality changes or odd behaviour.  
Was able to walk to the ambulance herself without difficulty.

Was on the phone to Dorit earlier this morning and complained of finding it difficult to speak and ongoing headache but nil else.

I have thanked Dorit for this valuable information

I have updated her with the events of this afternoon, documented separately. I explained that a CT scan had been done and reported as normal earlier in the day but that we were concerned about a potential diagnosis of encephalitis of unknown cause and had planned for an LP. On our second attempt Gaia became unresponsive and stopped breathing quite suddenly. We quickly recognised this and managed to breath for her shortly afterwards. However she is now unresponsive and needs a tube placed in her throat so we can use a machine to breathe for her. I explained that we are still not sure why this occurred and further tests are required, including another scan, an LP and more blood tests. Potential options are infection, another inflammatory process, drugs, an allergic reaction, a vascular event or that the medication given to anaesthetise her locally during the LP. She will be admitted to intensive care and looked after there whilst we do these tests. In the meantime, we are treating for both a bacterial and viral infection of the brain, as well as giving supportive treatments to her.

Dorit understands the above and whilst understandably shocked, thanked us for the update. She asked how long Gaia stopped breathing for before we started doing so for her. I said it is difficult to say precisely but that it was likely under a minute. Aside from this, she doesnt have any further questions at this time. I have explained that ICU will be taking over her care for her and providing further updates in the short term. She asked if she was able to visit, and I have explained that due to COVID regulations that wasnt likely to be the case at the moment but that she could discuss further with ICU when they called to update her. She was entirely accepting of this.

She has no further questions and thanked us for our time.<sup>[TS.1M]</sup>

Tom Samuels  
Acute Medicine IMT2<sup>[TS.1T]</sup>  
4310<sup>[TS.1M]</sup>

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 4 of 4) (continued)**

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Electronically signed by Thomas SAMUELS at 18/7/2021 17:20

**Attribution Key**

TS.1 - Thomas SAMUELS on 18/7/2021 16:55  
M - Manual, T - Template

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**Maximilian NEUN at 18/7/2021 17:53**

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M Neun Anaesthetic SPR, G. Black anaesthetic CT1

Written in retrospect

2222 call @ 15:40

Hx noted

Previously fit and well 25 F

Behavioural changes and change in GCS

No sign PMH except for Eczema and atopy

Upon arrival found patient with good CO

HR narrow complex tachy on defib Pulse of 140

BP 130/86 mmHg

BMV ventilation ongoing by medical team

We took over airway and exchanged BVM to waters circuit.

Gaia was not making any respiratory effort

Chest clear with good AE BL

ABG: pH 7.26, pCO<sub>2</sub> 5.96, pO<sub>2</sub> 63.5, Na 123, k 3.1, lac 2.7

Pupils were 5L / 3R Sluggish to react and both slowly increasing in size over the next 20 minutes

GCS 3/15 - no reaction to painful stimulus

Abdo SNT

F - Catheterised

ITU consultant arrived @ around 15:55.

Decision made to 1. Intubate and ventilate, 2. Repeat Head CT, 3. Admit to ITU.

Intubation:

Equipment prepared

Induction @ 16:10

Fentanyl 250mcg

Propofol 80mg

Rocuronium 50mg

Good saturations throughout

Grade 1 view with DL Macintosh blade size 3

Oxylog 3000

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 4 of 4) (continued)**

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Maintenance with 2% Propofol infusion running at 160mg/hr  
Intermittent Metaraminol boluses to keep BP between 130-100 systolic.

Transfer to ITU via CT, uneventful.<sup>[MN.1M]</sup>

Electronically signed by Maximilian NEUN at 18/7/2021 18:08

**Attribution Key**

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MN.1 - Maximilian NEUN on 18/7/2021 17:53  
M - Manual

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**Livia GOTTARDI at 18/7/2021 18:47**

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D/w Neurology SpR Mena

No known cause for deterioration

Advised:

- CTV for thrombosis
- CTA vascular abnormality- If no scope for neurosurgical intervention/decompression
- NOT for LP
- Send off serum osmolality or cortisol for ?intracranial SIADH

To ask neurosurgery about

? for intervention

? Would she be better managed at NHNN

? Any role for steroids

Will speak to his consultant and contact me on my personal number<sup>[LG.1M]</sup>

Electronically signed by Livia GOTTARDI at 18/7/2021 18:54

**Attribution Key**

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LG.1 - Livia GOTTARDI on 18/7/2021 18:47  
M - Manual

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**Mena FAHEIM FARAG, Specialty Grade Doctor of Neurology at 18/7/2021 18:54**

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NHNN Neurology SpR on call - SpR Farag

Patient handed over by my colleague SpR MacDonald.

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

History and events to date noted.

Note rapid deterioration in GCS this afternoon  
- intubation, ventilation and transferred to ITU

Interval CT head @ 16:56

- \_[MF.1M] There is slightly poor grey-white matter differentiation and loss of defined sulcal spaces.<sup>[MF.1C]</sup>
- \_[MF.1M] Findings are suspicious for generalised brain oedema.<sup>[MF.1C]</sup>
- \_[MF.1M] The cerebellar tonsils are at 1 cm below the foramen magnum.<sup>[MF.1C]</sup>
- \_[MF.1M] The ventricular system and basal cisterns are slightly effaced due to the generalised oedema.<sup>[MF.1C]</sup>
- \_[MF.1M] No obstructive hydrocephalus.<sup>[MF.1C]</sup>
- \_[MF.1M] No acute intra or extra-axial haemorrhage.<sup>[MF.1C]</sup>
- \_[MF.1M] No major territory infarct.<sup>[MF.1C]</sup>
- \_[MF.1M] No diffuse hypodensity within the temporal lobes on either side, however these areas are subject to beam hardening artefact from the skull base and better assessed on MRI<sup>[MF.1C]</sup>.

Contacted by UCLH ITU SHO (Dr Gottardi) for advice on further management. She explained that Ms Young's ongoing management is being discussed with the neurosurgical team and I understand that it has been relayed that she is not a candidate for neurosurgical intervention though the neurosurgical team have recommended CTA imaging and consideration for Mannitol.

I explained that she has tonsillar herniation on her CT head which is a secondary sign of markedly raised intracranial pressure, the cause of which remains unclear at this stage.

I emphasised that we need a definitive plan from the neurosurgical team, specifically from the Neurosurgical Consultant on call, on whether she could be considered for decompressive surgery as a life-saving intervention, whether there is a role of steroids and whether she should be transferred to a NHNN, a tertiary neurosurgical centre.

I recommended CTV imaging to look for any evidence of cerebral venous sinus thrombosis (CVST) to account for her presentation as well as CTA imaging to look for any arterial vascular abnormality.

Note hyponatraemia (Na 122 @ 15:59 , 128 @ 01:35) ? SIADH - please send off urinary Na<sup>+</sup>, urine and plasma osmolality and ensure Na<sup>+</sup> does not rise by no more than 8mmol/L in 24 hrs.

I will discuss with Dr Heaney (NHNN Consultant on call).

ST4 Farag

Contact via switchboard<sup>[MF.1M]</sup>

Electronically signed by Mena FAHEIM FARAG, Specialty Grade Doctor of Neurology at 18/7/2021 19:10

**Attribution Key**

MF.1 - Mena FAHEIM FARAG, Specialty Grade Doctor of Neurology on 18/7/2021 18:54  
C - Copied, M - Manual

**Declan CRILLY at 18/7/2021 19:28**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

DCRILLY

Called Everlight radiology to request urgent CTV and CTA  
Relayed details and discussed with Radiology  
Advised that CTV should be sufficient in the first instance  
Says that an aneurysm would be shown up on the CTV, the thrombus diagnosis should be ruled out first  
Can consider CTA after the CTV, dependant on the result of the latter scan

Plan:

CTV booked via everlight  
Radiographer aware

DCRILLY

Critical Care SHO  
70301<sup>[DC.1M]</sup>

Electronically signed by Declan CRILLY at 18/7/2021 19:32

**Attribution Key**

DC.1 - Declan CRILLY on 18/7/2021 19:28  
M - Manual

**Mena FAHEIM FARAG, Specialty Grade Doctor of Neurology at 18/7/2021 19:32**

NHNN Neurology SpR on call - SpR Farag

I have updated Dr Heaney (NHNN Consultant on call) following my discussion with ITU.

He is in agreement with the plan for urgent neurosurgical team input and for treatment with Mannitol. He is also in agreement with plan for CTV imaging to look for CVST. She should continue on IV Aciclovir 600mg TDS and IV Ceftriaxone 2g BD to cover for meningoencephalitis. The decision about neuroprotective measures would be best guided by ITU.

Plan:

- await<sup>[MF.1M]</sup> definitive plan from the neurosurgical team, specifically from the Neurosurgical Consultant on call, on whether<sup>[MF.1C]</sup> patient<sup>[MF.1M]</sup> could be considered for decompressive surgery as a life-saving intervention, whether there is a role of steroids and whether she should be transferred<sup>[MF.1C]</sup> NHNN (<sup>[MF.1M]</sup>tertiary neurosurgical centre<sup>[MF.1C]</sup>)
- await CTV/CTA
- continue IV Aciclovir 600mg TDS and IV Ceftriaxone 2g BD to cover for meningoencephalitis
- Mannitol as per neurosurgical team advice
- <sup>[MF.1M]</sup> send off urinary Na<sup>+</sup>, urine and plasma osmolality<sup>[MF.1C]</sup>
- <sup>[MF.1M]</sup> ensure Na<sup>+</sup> does not rise by no more than 8mmol/L in 24 hrs<sup>[MF.1C]</sup>

ST4 Farag

Contact via switchboard<sup>[MF.1M]</sup>

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 4 of 4) (continued)**

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Electronically signed by Mena FAHEIM FARAG, Specialty Grade Doctor of Neurology at 18/7/2021 19:40

**Attribution Key**

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MF.1 - Mena FAHEIM FARAG, Specialty Grade Doctor of Neurology on 18/7/2021 19:32  
C - Copied, M - Manual

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**Declan CRILLY at 18/7/2021 19:47**

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DCRILLY<sup>[DC.1M]</sup>

Retrospective note to neurosurgical team  
Note they have now rewritten a note  
Not for neurosurgical intervention currently

As per neurology advice and as requested, CT Venogram has been performed  
Awaiting its results

Crit care SHO<sup>[DC.2M]</sup>

Electronically signed by Declan CRILLY at 18/7/2021 21:06

**Attribution Key**

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DC.1 - Declan CRILLY on 18/7/2021 19:47  
DC.2 - Declan CRILLY on 18/7/2021 21:04  
M - Manual

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**Mena FAHEIM FARAG, Specialty Grade Doctor of Neurology at 18/7/2021 21:03**

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NHNN Neurology SpR on call - SpR Farag

CTA/CTV performed.<sup>[MF.1M]</sup>

<sup>[MF.2M]</sup>maging<sup>[MF.1M]</sup> reviewed<sup>[MF.2M]</sup> with the duty neuroradiologist (ext 83030) - verbal report:  
- opacification in the common carotid arteries with no flow within internal carotid arteries (ICAs)  
- essentially no arterial flow to the brain  
- raised<sup>[MF.1M]</sup> intracranial<sup>[MF.2M]</sup> pressure<sup>[MF.1M], [MF.2M]</sup> very tight<sup>[MF.1M]</sup> appearances, some grey/white matter differentiation  
- no obvious thrombus within superior sagittal sinus thrombus or transverse sinus though this may represent a reverse subarachnoid sign according to the neuroradiologist

I have updated the UCLH ITU SpR and ITU Consultant with the verbal report.

ITU Consultant explained he was waiting for scan and will discuss with neurosurgical team.<sup>[MF.2M]</sup>

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 4 of 4) (continued)**

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ST4 Farag

Contact via switchboard<sup>[MF.3M]</sup>

Electronically signed by Mena FAHEIM FARAG, Specialty Grade Doctor of Neurology at 18/7/2021 21:20

**Attribution Key**

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MF.1 - Mena FAHEIM FARAG, Specialty Grade Doctor of Neurology on 18/7/2021 21:03  
MF.2 - Mena FAHEIM FARAG, Specialty Grade Doctor of Neurology on 18/7/2021 21:14  
MF.3 - Mena FAHEIM FARAG, Specialty Grade Doctor of Neurology on 18/7/2021 21:20  
M - Manual

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**Mena FAHEIM FARAG, Specialty Grade Doctor of Neurology at 18/7/2021 21:29**

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NHNN Neurology SpR on call - SpR Farag

Contacted Neurosurgical SpR on call (SpR Arvari) with update on CTA/CTV findings  
- he is aware of the patient and explained there is no neurosurgical intervention for this patient

I was contacted after by the UCLH ITU Consultant who has also confirmed this with Neurosurgical Consultant on call (Mr Castanho). The ITU Consultant will liaise with Dr Heaney (NHNN Neurology Consultant on call) ahead of discussions and updates to the patient's family.

ST4 Farag

Contact via switchboard<sup>[MF.1M]</sup>

Electronically signed by Mena FAHEIM FARAG, Specialty Grade Doctor of Neurology at 18/7/2021 21:34

**Attribution Key**

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MF.1 - Mena FAHEIM FARAG, Specialty Grade Doctor of Neurology on 18/7/2021 21:29  
M - Manual

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**Panagiota SCEALES at 18/7/2021 23:28**

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Summary: SNOD referral

Patient referred to SNOD team-they will kindly review her tomorrow.<sup>[PS.1M]</sup>

Electronically signed by Panagiota SCEALES at 18/7/2021 23:29

**Attribution Key**

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PS.1 - Panagiota SCEALES on 18/7/2021 23:28  
M - Manual

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**James PIDDING at 19/7/2021 10:05**

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Physiotherapy

UCLH ICU Respiratory Physiotherapy Assessment

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

Patient Name:<sup>[JP.1T]</sup> GAIA Inigo YOUNG<sup>[JP.2T]</sup>

Today's Date:<sup>[JP.1T]</sup> 19/7/2021<sup>[JP.2T]</sup>

**SUBJECTIVE:**<sup>[JP.1T]</sup> Noted Hx and overnight events

For Chest Check AM<sup>[JP.1M]</sup>

Noted likely brainstem<sup>[JP.3M]</sup> related<sup>[JP.4M]</sup> catastrophic intercranial event<sup>[JP.3M]</sup>

N/Staff reported pt has had nil cough, nil added sounds on auscultation<sup>[JP.4M]</sup>

**Consent:**<sup>[JP.1T]</sup> Physiotherapy Consent: Patient unable to verbally consent - intervention in best interest of patient

There is no problem list on file for this patient.<sup>[JP.2T]</sup>

**OBJECTIVE:**

**Cardiovascular:**<sup>[JP.1T]</sup>

Supported > 0.1mcg/kg/min < 0.5mcg/kg/min<sup>[JP.1M]</sup>

Dose (mcg/kg/min) Noradrenaline: 0.063 micrograms/kg/min

36 °C (96.8 °F) (Tympanic)<sup>[JP.2T]</sup>

**Labs:**<sup>[JP.1T]</sup>

**Results from the last 3 days**

	18/07/21 15:59	18/07/21 23:44	18/07/21 23:49	19/07/21 06:10	19/07/21 10:07	19/07/21 12:54	19/07/21 14:45
HAEMOGLOBIN	131	--	138	128	--	--	--
PLATELET	242	--	258	237	--	--	--
NEUTROPHILS	<b>14.22*</b>	--	<b>20.32*</b>	<b>17.03*</b>	--	--	--
SODIUM	<b>122*</b>	137	--	<b>153*</b>	<b>154*</b>	156	154
POTASSIUM	<b>3.3*</b>	4.1	--	<b>3.3*</b>	3.8	3.8	4.6
UREA	--	2.9	--	3.0	--	--	--
CREATININE	52	50	--	54	--	--	-- <sup>[JP.2T]</sup>

**Neuro:**<sup>[JP.1T]</sup>

Richmond Agitation Sedation Scale (RASS): Unarousable

Glasgow Coma Scale Score: 3<sup>[JP.2T]</sup>

NMBA:<sup>[JP.1T]</sup> No<sup>[JP.3M]</sup>

Sedated:<sup>[JP.1T]</sup> Yes<sup>[JP.3M]</sup>

Dose (mg/kg/hr) Propofol : \*0 mg/hr

Dose (mcg/hr) Fentanyl: 0 micrograms/hr<sup>[JP.2T]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

Renal:

CVVHDF:<sup>[JP.1T]</sup> No<sup>[JP.3M]</sup>  
 Fluid Balance:<sup>[JP.1T]</sup>

Intake/Output Summary (Last 24 hours) at 19/7/2021 15:46

Last data filed at 19/7/2021 15:00

Gross per 24 hour

Intake 4133.24 ml

Output 5090 ml

**Net -956.76 ml<sup>[JP.2T]</sup>**

Respiratory:

Airway:<sup>[JP.1T]</sup>

**Patient Lines/Drains/Airways Status**

Active Airway

Name:	Placeme nt date:	Placeme nt time:	Site:	Days:
ETT	18/07/21	16:00	Oral	less than 1 <sup>[JP.2T]</sup>

Ventilation<sup>[JP.1T]</sup>

O2 delivery device: Endotracheal tube

Vent Mode: Synchronised intermittent mandatory ventilation/pressure control

FiO2 (%): [21 %-60 %] 21 %

S RR: [14-16] 15

PEEP achieved (cmH2O): [4.5 cm H2O-4.8 cm H2O] 4.6 cm H2O

PR SUP: [8 cm H2O-10 cm H2O] 10 cm H2O

A VT: [308 mL-411.2 mL] 338 mL<sup>[JP.2T]</sup>

Auscultation:<sup>[JP.1T]</sup> BStO nil added sounds<sup>[JP.4M]</sup>

Tactile Fremitus:<sup>[JP.1T]</sup> N<sup>[JP.3M]</sup>il TF<sup>[JP.4M]</sup>

Expansion:<sup>[JP.1T]</sup> Equal bibasal expansion<sup>[JP.4M]</sup>

Humidified Circuit:

Mucolytics:<sup>[JP.1T]</sup> None<sup>[JP.4M]</sup>

CXR:<sup>[JP.1T]</sup> clear lung fields<sup>[JP.4M]</sup>

PIF/PEF:<sup>[JP.1T]</sup> Not assessed<sup>[JP.4M]</sup>

P:F<sup>[JP.1T]</sup> P/F Ratio (with PO2 in kPa): 59.2<sup>[JP.2T]</sup>

ABG's:<sup>[JP.1T]</sup>

**Results from the last 3 days**

	19/07/21 10:07	19/07/21 12:54	19/07/21 14:45
PH	<b>7.477*</b>	7.372	7.446
PCO2	<b>4.20*</b>	5.99	4.93
PO2	<b>14.8*</b>	13.4	15.7
HCO3	24.8	24.8	25.8
CBASEECF	-0.3	0.8	1.4 <sup>[JP.2T]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

**TREATMENT 1:**

Therapist count:<sup>[JP.1T]</sup> 1

ETT/Trache Suction// Completed x2 ETT suction, nil cough stimulated on deep suction and nil secretions cleared<sup>[JP.4M]</sup>

Patient position<sup>[JP.1T]</sup> Supine 30 degrees head up

PROM checked<sup>[JP.4M]</sup>

Cough:<sup>[JP.1T]</sup> No cough on suction<sup>[JP.4M]</sup>

Sputum:<sup>[JP.1T]</sup> None<sup>[JP.4M]</sup>

**ANALYSIS:**<sup>[JP.1T]</sup> Pt currently not stimulating cough on deep suction, currently nil indication for further Rx due ot limited indication of secretion load at present<sup>[JP.4M]</sup>

**ICU MOB SCALE**<sup>[JP.1T]</sup> Classification: Nothing (lying in bed)<sup>[JP.2T]</sup>

**CPAX**

**PLAN:**<sup>[JP.1T]</sup> RV am<sup>[JP.4M]</sup> and<sup>[JP.1T]</sup> liaise with N/Staff re secretion load/ if cough is stimulated post sedation hold<sup>[JP.4M]</sup>

James Pidding

Band 5 Physiotherapis<sup>[JP.4T]</sup>t<sup>[JP.4M]</sup>

Electronically signed by James PIDDING at 19/7/2021 15:46

**Attribution Key**

JP.1 - James PIDDING on 19/7/2021 10:05  
JP.2 - James PIDDING on 19/7/2021 15:46  
JP.3 - James PIDDING on 19/7/2021 14:03  
JP.4 - James PIDDING on 19/7/2021 15:25  
M - Manual, T - Template

**Stuart CLARKE at 19/7/2021 12:51**

MDT

Catastrophic intracranial event, high likelihood of brainstem death

Not felt to be infective cause

NG inserted today, commenced NG feed

No secretion load<sup>[SC.1M]</sup>

Electronically signed by Stuart CLARKE at 19/7/2021 12:54

**Attribution Key**

SC.1 - Stuart CLARKE on 19/7/2021 12:51  
M - Manual

**Naomi RONAN at 19/7/2021 16:29**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

Nutrition and Dietetics

Patient:<sup>[NR.1T]</sup> GAIA Inigo YOUNG<sup>[NR.2T]</sup>

Brief review of feeding plan -in pt best interest<sup>[NR.1M]</sup>

Admitted<sup>[NR.1T]</sup> with acute change in behaviour, confused speech and mydriasis.<sup>[NR.1M]</sup>

Anthropometry:<sup>[NR.1T]</sup>

Weight: 55 kg<sup>[NR.2T]</sup>

No height<sup>[NR.1M]</sup>

Biochemistry:<sup>[NR.1T]</sup>

Results for YOUNG, GAIA (MRN 21365083) as of 19/07/2021 16:31

	18/07/2021 23:44	19/07/2021 06:10
Sodium	137	153 (H)
Potassium	4.1	3.3 (L)
Urea	2.9	3.0
Creatinine	50	54
Estimated GFR	>90	>90
Alanine transaminase	18	19
Albumin	47	42
Alkaline phosphatase	49	41
Bilirubin (total)	15	6
Calcium	2.27	2.41
Calcium (albumin-adjusted)	2.24	2.48
Phosphate	0.68 (L)	0.21 (L)
C-reactive protein	2.1	4.8
Magnesium	1.65 (H)	1.15 (H)
Osmolality	298 (H) <sup>[NR.1C]</sup>	

Clinical:<sup>[NR.1T]</sup>

Note patient has suffered a catastrophic intracranial event, high likelihood of brainstem death-cause currently unknown

intubated and ventilated<sup>[NR.1M]</sup>

Vent Mode: Synchronised intermittent mandatory ventilation/pressure control

FiO2 (%): [21 %-60 %] 21 %

S RR: [14-16] 15

PEEP achieved (cmH2O): [4.5 cm H2O-4.8 cm H2O] 4.6 cm H2O

PR SUP: [8 cm H2O-10 cm H2O] 10 cm H2O<sup>[NR.2T]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

FB:<sup>[NR.1T]</sup> +120.4ml so far today, -91.2ml yesterday  
NGT insitu a/w placement confirmation; nil gastric aspirates recorded.<sup>[NR.1M]</sup> BNO<sup>[NR.1T]</sup>  
Off sedation since this morning for neurological assessments<sup>[NR.1M]</sup>  
Temp (24hrs), Avg:35.7 °C (96.2 °F), Min:32.5 °C (90.5 °F), Max:38 °C (100.4 °F)<sup>[NR.2T]</sup>

GCS<sup>[NR.1T]</sup> 3/15. Note family discussion with ICU and neurology earlier today<sup>[NR.1M]</sup>

Dietary:<sup>[NR.1T]</sup>

To commence NGT feeding as per WR discussion to ensure patient optimised physiologically whilst awaiting test/investigations/results<sup>[NR.1M]</sup>

Estimated requirements:

Energy:<sup>[NR.1T]</sup> (PENG, 2018 - acutely ill < 65 years) 24-27 Kcal/kg: 1320-1485kcal<sup>[NR.1M]</sup>

Protein:<sup>[NR.1T]</sup> 66-82.5g (1.2-1.5g/kg)-normal renal function not on filter<sup>[NR.1M]</sup>

Plan:

- <sup>[NR.1T]</sup> Commence feeding using Osmolite HP at 10ml/hr and increase by 10ml/hr every 8hours until target achieve  
Target: Osmolite HP at 55ml/hr over 24hours (1320ml, 1320kcal, 82.6g/protein)
  - If any concerns with feed tolerance; consider metoclopramide +/- reduce NGT feed to minimise risk of aspiration
  - Monitor bowels and aspirates
  - <sup>[NR.1M]</sup> Monitor electrolytes and fluids<sup>[NR.1T]</sup>
  - <sup>[NR.1M]</sup> daily monitoring of NGT position including second pH and daily length
- R/v ongoing  
Naomi Ronan, B7 Dietitian, bleep 6535<sup>[NR.1T]</sup>

Electronically signed by Naomi RONAN at 19/7/2021 16:44

**Attribution Key**

NR.1 - Naomi RONAN on 19/7/2021 16:29  
NR.2 - Naomi RONAN on 19/7/2021 16:30  
C - Copied, M - Manual, T - Template

**Livia GOTTARDI at 19/7/2021 16:35**

Verification of NGT Placement by CXR

Accession number of CXR:<sup>[LG.1T]</sup> RRV2102613<sup>[LG.1M]</sup>

Has the CXR been reported by a radiologists or reporting radiographer and documented as safe to use for feeding or medicines administration?<sup>[LG.1T]</sup>

No.<sup>[LG.1M]</sup> Please confirm:

- The CXR you are referring to above corresponds to<sup>[LG.1T]</sup> GAIA Inigo YOUNG<sup>[LG.2T],[LG.1T]</sup> Yes<sup>[LG.1M]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

2. The NGT follows the oesophagus:[LG.1T] Yes<sup>[LG.1M]</sup>
3. The NGT bisects the carina:[LG.1T] Yes<sup>[LG.1M]</sup>
4. The NGT pass below the diaphragm:[LG.1T] Yes<sup>[LG.1M]</sup>
5. The NGT deviates to the left:[LG.1T] Yes<sup>[LG.1M]</sup>
6. The NGT is not evident in the lung fields:[LG.1T] Yes<sup>[LG.1M]</sup>

The NGT is safe to use for feeding or medicines administration:[LG.1T] Yes<sup>[LG.1M]</sup>

Electronically signed by Livia GOTTARDI at 19/7/2021 16:37

**Attribution Key**

LG.1 - Livia GOTTARDI on 19/7/2021 16:35  
LG.2 - Livia GOTTARDI on 19/7/2021 16:36  
M - Manual, T - Template

**Livia GOTTARDI at 19/7/2021 17:03**

Requested by Consultant Marsh:

Plan<sup>[LG.1M]</sup>

1. Call bereavement office<sup>[LG.1C]</sup> - closed for today<sup>[LG.1M]</sup>
2. Call<sup>[LG.1C]</sup>ed<sup>[LG.1M]</sup> MRI<sup>[LG.1C]</sup> on<sup>[LG.1M]</sup> 73651<sup>[LG.1C]</sup>,<sup>[LG.1M]</sup> 73235<sup>[LG.1C]</sup>

Technician has explained that there is n<sup>[LG.1M]</sup>o capacity until Wednesday unless there has been cancellations  
As there has been staff cancellations due to COVID and rebooking of appointments.<sup>[LG.1C]</sup>

Addendum:

1. To contact MRI mane to book<sup>[LG.2M]</sup> a scan<sup>[LG.3M]</sup> for Wednesday morning<sup>[LG.2M]</sup>

Electronically signed by Livia GOTTARDI at 20/7/2021 08:43

**Attribution Key**

LG.1 - Livia GOTTARDI on 19/7/2021 17:03  
LG.2 - Livia GOTTARDI on 19/7/2021 18:11  
LG.3 - Livia GOTTARDI on 20/7/2021 08:43  
C - Copied, M - Manual

**James PIDDING at 20/7/2021 09:39**

Physiotherapy  
UCLH ICU Respiratory Physiotherapy Assessment

Patient Name:<sup>[JP.1T]</sup> GAIA Inigo YOUNG<sup>[JP.2T]</sup>

Today's Date:<sup>[JP.1T]</sup> 20/7/2021<sup>[JP.2T]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

**SUBJECTIVE:**<sup>[JP.1T]</sup> Noted Hx and current plan,  
 Sedation has been weaned and pt is currently not coughing and has had nil responses to any intervention/ Rx

Plan following family discussion for MRI and then further discussion re plan going forward  
 N/Staff reported pt has nil cough however nil indication that secretion load issue at present<sup>[JP.3M]</sup>

**Consent:**<sup>[JP.1T]</sup> Physiotherapy Consent: Patient unable to verbally consent - intervention in best interest of patient  
 There is no problem list on file for this patient.<sup>[JP.2T]</sup>

**OBJECTIVE:**

**Cardiovascular:**<sup>[JP.1T]</sup>

Supported > 0.1mcg/kg/min < 0.5mcg/kg/min<sup>[JP.3M]</sup>  
 Dose (mcg/kg/min) Noradrenaline: 0.048 micrograms/kg/min

36.9 °C (98.4 °F) (Tympanic)<sup>[JP.2T]</sup>

**Labs:**<sup>[JP.1T]</sup>

**Results from the last 3 days**

	18/07/21 23:49	19/07/21 06:10	19/07/21 14:52	20/07/21 04:50	20/07/21 04:57	20/07/21 07:58	20/07/21 10:35
HAEMOGLOBIN	138	128	--	131	--	--	--
PLATELET	258	237	--	217	--	--	--
NEUTROPHILS	<b>20.32*</b>	<b>17.03*</b>	--	<b>10.38*</b>	--	--	--
SODIUM	--	<b>153*</b>	<b>153*</b>	<b>160*</b>	<b>161*</b>	<b>158*</b>	<b>157*</b>
POTASSIUM	--	<b>3.3*</b>	4.9	4.1	3.7	3.7	4.1
UREA	--	3.0	3.2	<b>1.5*</b>	--	--	--
CREATININE	--	54	61	61	--	--	-- <sup>[JP.2T]</sup>

**Neuro:**<sup>[JP.1T]</sup>

Richmond Agitation Sedation Scale (RASS): Unarousable  
 Glasgow Coma Scale Score: 3<sup>[JP.2T]</sup>  
 NMBA:<sup>[JP.1T]</sup> No<sup>[JP.3M]</sup>

Sedated:<sup>[JP.1T]</sup> No<sup>[JP.3M]</sup>

**Renal:**

CVVHDF:<sup>[JP.1T]</sup> No<sup>[JP.3M]</sup>  
 Fluid Balance:<sup>[JP.1T]</sup>

Intake/Output Summary (Last 24 hours) at 20/7/2021 13:58

Last data filed at 20/7/2021 13:00

Gross per 24 hour

Intake 3912.1 ml

Output 3905 ml

**Net 7.1 ml**<sup>[JP.2T]</sup>

**Respiratory:**

Airway:<sup>[JP.1T]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

**Patient Lines/Drains/Airways Status**

Active Airway

Name:	Placeme nt date:	Placeme nt time:	Site:	Days:
ETT	18/07/21	16:00	Oral	1 <sup>[JP.2T]</sup>

Ventilation<sup>[JP.1T]</sup>

O2 delivery device: Endotracheal tube

Vent Mode: Synchronised intermittent mandatory ventilation/pressure control

FiO2 (%): [21 %-25 %] 21 %

S RR: [14-20] 18

PEEP achieved (cmH2O): [4.5 cm H2O-5 cm H2O] 4.8 cm H2O

PR SUP: [10 cm H2O] 10 cm H2O

A VT: [291.2 mL-418.8 mL] 418.8 mL<sup>[JP.2T]</sup>

Auscultation:<sup>[JP.1T]</sup> BStO nil added sounds<sup>[JP.3M]</sup>

Tactile Fremitus:<sup>[JP.1T]</sup> No<sup>[JP.3M]</sup>

Expansion:<sup>[JP.1T]</sup> equal bibasal expansion<sup>[JP.3M]</sup>

Humidified Circuit:

Mucolytics:<sup>[JP.1T]</sup> None<sup>[JP.3M]</sup>

CXR:<sup>[JP.1T]</sup> nil new<sup>[JP.3M]</sup>

PIF/PEF:<sup>[JP.1T]</sup> PIF:PEF < 0.9 (Expiratory Flow Bias)<sup>[JP.3M]</sup>

P:F<sup>[JP.1T]</sup> P/F Ratio (with PO2 in kPa): 58.8<sup>[JP.2T]</sup>

ABG's:<sup>[JP.1T]</sup>

**Results from the last 3 days**

	20/07/21 04:57	20/07/21 07:58	20/07/21 10:35
PH	7.472*	7.481*	7.505*
PCO2	4.82	4.45*	4.28*
PO2	14.9*	20.4*	14.7*
HCO3	27.0	26.0	26.8
CBASEECF	2.8	1.4	2.2 <sup>[JP.2T]</sup>

**TREATMENT 1:**

Therapist count:<sup>[JP.1T]</sup> 1

ETT/Trache Suction<sup>[JP.3M]</sup>

Patient position<sup>[JP.1T]</sup> Supine 30 degrees head up

PROM checked<sup>[JP.3M]</sup>

Cough:<sup>[JP.1T]</sup> No cough on suction<sup>[JP.3M]</sup>

Sputum:<sup>[JP.1T]</sup> None<sup>[JP.3M]</sup>

**ANALYSIS:**<sup>[JP.1T]</sup> Pt currently off sedation and has nil cough on deep suction at present

Currently likely to have irreversible neurological changes<sup>[JP.3M]</sup>

**ICU MOB SCALE**<sup>[JP.1T]</sup> Classification: Nothing (lying in bed)<sup>[JP.2T]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

[CPAX](#)

**PLAN:**<sup>[JP.1T]</sup> RV am<sup>[JP.3M]</sup> an<sup>[JP.1T]</sup>d monitor secretion load// liaise with team post MRI and plan for Pt<sup>[JP.3M]</sup>

James Pidding  
Band 5 Physiotherapist<sup>[JP.3T]</sup>

Electronically signed by James PIDDING at 20/7/2021 13:58

**Attribution Key**

JP.1 - James PIDDING on 20/7/2021 09:39  
JP.2 - James PIDDING on 20/7/2021 13:58  
JP.3 - James PIDDING on 20/7/2021 13:45  
M - Manual, T - Template

**Livia GOTTARDI at 20/7/2021 12:59**

Lunchtime MDT

1. Continue as per AM plan<sup>[LG.1C]</sup>

Electronically signed by Livia GOTTARDI at 20/7/2021 12:59

**Attribution Key**

LG.1 - Livia GOTTARDI on 20/7/2021 12:59  
C - Copied

**Carolyn FURNESS at 20/7/2021 14:08**

Nutrition and Dietetics<sup>[CF.1T]</sup>

Brief note in best interest - medical team would like pt to be changed to Nepro as raised Na - when I got to pt Dr had already put up Nepro.<sup>[CF.1M]</sup>

Results for YOUNG, GAIA (MRN 21365083) as of 20/07/2021 14:09

	Ref. Range	20/07/2021 04:50
Sodium	Latest Ref Range: 135 - 145 mmol/L	160 (H)
Potassium	Latest Ref Range: 3.5 - 5.1 mmol/L	4.1
Urea	Latest Ref	1.5 (L)

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

	Range: 1.7 - 8.3 mmol/L	
Creatinine	Latest Ref Range: 49 - 92 umol/L	61
Estimated GFR	Latest Units: .	>90
Alanine transaminase	Latest Ref Range: 10 - 35 IU/L	24
Albumin	Latest Ref Range: 34 - 50 g/L	40
Alkaline phosphatase	Latest Ref Range: 35 - 104 IU/L	47
Bilirubin (total)	Latest Ref Range: 0 - 20 umol/L	5
Calcium	Latest Ref Range: 2.20 - 2.60 mmol/L	2.32
Calcium (albumin-adjusted)	Latest Ref Range: 2.20 - 2.60 mmol/L	2.43
Phosphate	Latest Ref Range: 0.87 - 1.45 mmol/L	0.43 (L)
C-reactive protein	Latest Ref Range: 0 - 5.0 mg/L	32.2 (H)
Magnesium	Latest Ref Range: 0.60 - 1.00 mmol/L	1.05 (H) <sup>[CF.1C]</sup>

Medical team explained condition - will aim to match previous regime with Nepro.<sup>[CF.1M]</sup> Noted feed already increased to 30mls/hr<sup>[CF.2M]</sup>

Estimated requirements:

Energy: (PENG, 2018 - acutely ill < 65 years) 24-27 Kcal/kg: 1320-1485kcal

Protein: 66-82.5g (1.2-1.5g/kg)-normal renal function not on filter  
<sup>[CF.1C]</sup>

Plan

Change feed to : Nepro 792mls@ 33mls hour for 24 hours =1425kcal 64g protein 23mmol Na, 21mmol K<sup>[CF.1M]</sup>

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 4 of 4) (continued)**

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3. Monitor bowels and aspirates
4. Monitor electrolytes and fluids
5. daily monitoring of NGT position including second pH and daily length  
R/v ongoing<sup>[CF.1C]</sup>

Carolyn Furness  
Critical Care Dietitian  
Bleep 6535<sup>[CF.1T]</sup>

Electronically signed by Carolyn FURNESS at 20/7/2021 14:16

**Attribution Key**

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CF.1 - Carolyn FURNESS on 20/7/2021 14:08  
CF.2 - Carolyn FURNESS on 20/7/2021 14:16  
C - Copied, M - Manual, T - Template

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**James PIDDING at 21/7/2021 09:47**

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Physiotherapy  
UCLH ICU Respiratory Physiotherapy Assessment

Patient Name: GAIA Inigo YOUNG  
Today's Date: 21/7/2021

**SUBJECTIVE:**<sup>[JP.1T]</sup> Noted overnight notes currently awaiting MRI report from MR completed 1/7 ago  
Noted periods of tachycardia overnight<sup>[JP.1M]</sup>

**Consent:** Physiotherapy Consent: Patient unable to verbally consent - intervention in best interest of patient  
There is no problem list on file for this patient.

**OBJECTIVE:**

Cardiovascular:<sup>[JP.1T]</sup>

Supported > 0.1mcg/kg/min < 0.5mcg/kg/min<sup>[JP.2M]</sup>  
Dose (mcg/kg/min) Noradrenaline: 0.165 micrograms/kg/min

35.9 °C (96.6 °F) (Tympanic)

Labs:

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

**Results from the last 3 days**

	19/07/21 06:10	19/07/21 14:52	20/07/21 04:50	20/07/21 22:33	21/07/21 04:32	21/07/21 04:40	21/07/21 07:04	21/07/21 09:12
HAEMOGLOBIN	128	--	131	145	135	--	--	--
PLATELET	237	--	217	206	194	--	--	--
NEUTROPHILS	<b>17.03*</b>	--	<b>10.38*</b>	<b>10.48*</b>	<b>8.17*</b>	--	--	--
SODIUM	<b>153*</b>	<b>153*</b>	<b>160*</b>	<b>165*</b>	<b>159*</b>	<b>161*</b>	<b>159*</b>	<b>156*</b>
POTASSIUM	<b>3.3*</b>	4.9	4.1	4.6	4.2	3.7	4.4	3.7
UREA	3.0	3.2	<b>1.5*</b>	--	--	--	--	--
CREATININE	54	61	61	68	60	--	--	--

Neuro:

Richmond Agitation Sedation Scale (RASS): Unarousable

Glasgow Coma Scale Score: 3

NMBA:<sup>[JP.1T]</sup> No<sup>[JP.2M]</sup>

Sedated:<sup>[JP.1T]</sup> No<sup>[JP.2M]</sup>

Renal:

CVVHDF:<sup>[JP.1T]</sup> No<sup>[JP.2M]</sup>

Fluid Balance:

Intake/Output Summary (Last 24 hours) at 21/7/2021 09:47

Last data filed at 21/7/2021 09:00

Gross per 24 hour

Intake 4428.19 ml

Output 3315 ml

**Net 1113.19 ml**

Respiratory:

Airway:

**Patient Lines/Drains/Airways Status**

Active Airway

Name:	Placeme nt date:	Placeme nt time:	Site:	Days:
ETT	18/07/21	16:00	Oral	2

Ventilation

O2 delivery device: Endotracheal tube

Vent Mode: Synchronised intermittent mandatory ventilation/pressure control

FiO2 (%): [21 %-25 %] 21 %

S RR: [18] 18

PEEP achieved (cmH2O): [4.7 cm H2O-5.1 cm H2O] 4.9 cm H2O

PR SUP: [10 cm H2O] 10 cm H2O

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

A VT: [337 mL-431.6 mL] 424.6 mL

Auscultation:

Tactile Fremitus:<sup>[JP.1T]</sup> No<sup>[JP.2M]</sup>

Expansion:

Humidified Circuit:

Mucolytics:<sup>[JP.1T]</sup> None<sup>[JP.2M]</sup>

CXR:<sup>[JP.1T]</sup> nil new<sup>[JP.2M]</sup>

PIF/PEF:<sup>[JP.1T]</sup> Not assessed<sup>[JP.2M]</sup>

P:F P/F Ratio (with PO<sub>2</sub> in kPa): 72.86

ABG's:

**Results from the last 3 days**

	21/07/21 04:40	21/07/21 07:04	21/07/21 09:12
PH	7.442	7.443	7.485*
PCO <sub>2</sub>	4.69	4.78	4.19*
PO <sub>2</sub>	10.7*	13.4*	15.3*
HCO <sub>3</sub>	24.6	25.1	25.3
CBASEECF	-0.1	0.4	0.2

**TREATMENT 1:**

Therapist count:<sup>[JP.1T]</sup> 1

ETT/Trache Suction<sup>[JP.2M]</sup>

Patient position<sup>[JP.1T]</sup> Supine 30 degrees head up

PROM checked<sup>[JP.2M]</sup>

Cough:<sup>[JP.1T]</sup> No cough on suction<sup>[JP.2M]</sup>

Sputum:<sup>[JP.1T]</sup> Green, Mucoid and Minimal Volume<sup>[JP.2M]</sup>

**ANALYSIS:**<sup>[JP.1T]</sup> Pt has nil cough and likely due to brain stem death, currently minimal secretion load and as per neurologist plan for brain stem testing to confirm +/-SNOD<sup>[JP.2M]</sup>

**ICU MOB SCALE** Classification: Nothing (lying in bed)

**CPAX**

**PLAN:**<sup>[JP.1T]</sup> RV am<sup>[JP.2M]</sup> and<sup>[JP.1T]</sup> liaise with n/staff re secretion load<sup>[JP.2M]</sup>

James Pidding

Band 5 Physiotherapist<sup>[JP.1T]</sup>

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 4 of 4) (continued)**

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Electronically signed by James PIDDING at 21/7/2021 16:13

**Attribution Key**

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JP.1 - James PIDDING on 21/7/2021 09:47  
JP.2 - James PIDDING on 21/7/2021 16:08  
M - Manual, T - Template

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**Lydia WEISS at 21/7/2021 13:00**

---

ITU MDT

Continue<sup>[LW.1M]</sup>, nil to add<sup>[LW.2M]</sup>

Electronically signed by Lydia WEISS at 21/7/2021 16:12

**Attribution Key**

---

LW.1 - Lydia WEISS on 21/7/2021 13:00  
LW.2 - Lydia WEISS on 21/7/2021 16:12  
M - Manual

---

**SERJUNIORDOCTOR2112 at 22/7/2021 12:30**

---

ICU MDT

1)<sup>[S.1M]</sup>

**Attribution Key**

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S.1 - SERJUNIORDOCTOR2112 on 22/7/2021 12:30  
M - Manual

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**Transfer of Care**

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**Livia GOTTARDI at 18/7/2021 17:15**

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## Admission to ICU

Reason for Admission to ICU

[Respiratory failure](#)

Admission History

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

Background and SH

Subjective Assessment

Objective Assessment

Airway<sup>[LG.1T]</sup>

ETT D0  
23cm at lips  
Size 7.0<sup>[LG.1M]</sup>

Ventilaton<sup>[LG.1T]</sup>

I+V  
PS 10 peep 5 FiP2 60%  
sats 99%  
Chest - clear, no added sounds

Blood gas pending  
Previous VBG 15:00  
Na 123, K 3.1, Lac 2.7<sup>[LG.1M]</sup>

Circulation

; HR: 74/min; BP: 107/66mmHg;<sup>[LG.1T]</sup>

WWP, cap refill <2s, moist mucous membranes  
HR tachy, regular  
Calves SNT  
Nil peripheral oedema  
Clear UO<sup>[LG.1M]</sup>

Neurology

Eye Opening: Spontaneous  
Best Verbal Response: Confused  
Best Motor Response: Obeys commands  
Glasgow Coma Scale Score: 14  
Right Pupil: size 3, Brisk  
Left Pupil: size 3, Brisk<sup>[LG.1T]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

RASS -4  
UL - tone normal  
Power 0/5  
Nil reflexes present  
LL tone normal  
Power 0/5  
Nil reflexes present  
Planter reflexes equivocal  
CN - pupils dilated not reactive to light<sup>[LG.1M]</sup>

Abdomen<sup>[LG.1T]</sup>

SNT  
BS +

Mg 0.62<sup>[LG.1M]</sup>

Renal and Fluid Balance

Results from the last 3 days

	18/07/21 01:35	18/07/21 12:56	18/07/21 13:53	18/07/21 15:59
CREATININE	57	46*	28.8	52
EGFR	>90	>90	--	>90
MAGNESIUM	0.59*	--	--	0.62 <sup>[LG.1T]</sup>

Admission bloods pending<sup>[LG.1M]</sup>

Haematology

Results from the last 3 days

	18/07/21 01:35	18/07/21 15:59
HAEMOGLOBIN	126	131
PLATELET	195	242
INR	1.14	Coagulation sample underfilled. Please repeat. <sup>[LG.1T]</sup>

admission bloods pending  
Hb 131, PLT 242<sup>[LG.1M]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

Infection

No active infections<sup>[LG.1T]</sup>

WCC 16

Lt 1.21

CRP 1.1<sup>[LG.1M]</sup>

Nutrition<sup>[LG.1T]</sup>

Pending<sup>[LG.1M]</sup>

Lines

Lines, Drains, and Airways

Peripheral venous catheter

Peripheral IV 18/07/21 Anterior;Distal;Right Forearm

<1 day

Peripheral IV 18/07/21 Left Antecubital

<1 day<sup>[LG.1T]</sup>

Rt peripheral - clean<sup>[LG.1M]</sup>

Thromboprophylaxis

Gastric Ulcer Prophylaxis

Glucose Control

Results from the last 3 days

	18/07/21 02:03	18/07/21 13:53	18/07/21 15:51
GLUCOSE	6.6*	7.5*	11.8*

Sedation

Pain

Communication

Plan<sup>[LG.1T]</sup>

Ask neurology about specific tests need<sup>[LG.1C]</sup>ed<sup>[LG.1M]</sup>

LP

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

Inform family<sup>[LG.1C]</sup>  
Admission bloods and admission meds  
Not for neuroprotective measures  
IV bicarbonate - in view of possible TCA overdose<sup>[LG.1M]</sup>

Electronically signed by Livia GOTTARDI at 18/7/2021 18:45

**Attribution Key**

LG.1 - Livia GOTTARDI on 18/7/2021 17:15  
C - Copied, M - Manual, T - Template

**Livia GOTTARDI at 18/7/2021 18:40**

Summary: ICU admission

## Admission to ICU

Reason for Admission to ICU<sup>[DC.1C]</sup>

Respiratory failure<sup>[DC.2T]</sup>

Admission History<sup>[DC.1C]</sup>

Admitted 18/7/21 with acute change in behaviour, confused speech and mydriasis. Headache and vomiting.  
Ethanol level <100, salicylate negative, Na 122  
CT head originally reported as normal  
LP attempted, on second attempt patient became unresponsive and cyanotic

Arrest call at 15:30 on 18/7/21

- No resp effort, no AE
- Jaw thrust and BVM applied on 15L02
- Op inserted, tolerated
- BP 130/86 mmHg
- tachycardia, HR 180, thready pulse
- multifocal morphology, mixed broad and narrow seen
- rash over LA injection site, no evidence of angioedema
- 0.5ml IM adrenaline given
- GCS 3/15, pupils large and sluggish, BM 11

===Resp arrest

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

-Ward based I+V  
-transfer to ICU

-Art line  
-IV bicarbonate

Informed by neurology: CT head -generalised oedema of brain, coning both ways  
Advised AGAINST LP

Neurosurgical referral<sup>[DC.2T]</sup>

Background and SH<sup>[DC.1C]</sup>

PMH atopy.  
Eczema hayfever  
Multiple allergies but to cosmetics mostly, no anaphylaxis and no drug allergies  
Usually manifests as a rash  
Non smoker  
Drinks in moderation.

Works in a tech company in their product support division.  
Keen cyclist  
High functioning cognitively.<sup>[DC.2T]</sup>

Subjective Assessment<sup>[DC.1C]</sup>

Patient unresponsive  
I+V  
Bilat dilated pupils<sup>[DC.1M]</sup>

Objective Assessment

Airway<sup>[DC.1C]</sup>  
Endotracheal tube<sup>[DC.2T]</sup>  
ETT D0  
23cm at lips  
Size 7.0

Ventilaton<sup>[DC.1C]</sup>  
Vent Mode: (P) Synchronised intermittent mandatory ventilation/pressure control  
FiO2 (%): [60 %] 60 %<sup>[DC.2T]</sup>  
I+V  
PS 10 peep 5 FiP2 60%  
sats 99%  
Chest - clear, no added sounds

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

Blood gas pending  
Previous VBG 15:00  
Na 123, K 3.1, Lac 2.7

Circulation<sup>[DC.1C]</sup>

ST<sup>[DC.2T]</sup>; HR:<sup>[DC.1C]</sup> 109<sup>[DC.2T]</sup>/min; BP:<sup>[DC.1C]</sup> 111/59<sup>[DC.2T]</sup>mmHg;

WWP, cap refill <2s, moist mucous membranes  
HR tachy, regular  
Calves SNT  
Nil peripheral oedema  
Clear UO

Neurology<sup>[DC.1C]</sup>

Eye Opening: (P) None/Not able to obtain (eg eyes closed by swelling)  
Best Verbal Response: (P) None/Not able to obtain (eg ET or tracheostomy tube)  
Best Motor Response: (P) None  
Glasgow Coma Scale Score: (P) 3<sup>[DC.2T]</sup>  
Right Pupil: size<sup>[DC.1C]</sup> (P) 8<sup>[DC.2T]</sup>,<sup>[DC.1C]</sup> (P) Nonreactive<sup>[DC.2T]</sup>  
Left Pupil: size<sup>[DC.1C]</sup> (P) 8<sup>[DC.2T]</sup>,<sup>[DC.1C]</sup> (P) Nonreactive<sup>[DC.2T]</sup>

RASS -4  
UL - tone normal  
Power 0/5  
Nil reflexes present  
LL tone normal  
Power 0/5  
Nil reflexes present  
Planter reflexes equivocal  
CN - pupils dilated not reactive to light

Abdomen<sup>[DC.1C]</sup>

Bowel Opened?: (P) No (18/07/21)<sup>[DC.2T]</sup>

SNT  
BS +

Mg 0.62

Renal and Fluid Balance<sup>[DC.1C]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

Results from the last 3 days

	18/07/21 01:35	18/07/21 12:56	18/07/21 13:53	18/07/21 15:59
CREATININE	57	46*	28.8	52
EGFR	>90	>90	--	>90
MAGNESIUM	0.59*	--	--	0.62 <sup>[DC.2T]</sup>

Na 122- hyponatraemia

K 3.3

Cr 52

eGFR >90

I 1400

O -

Balance +1400<sup>[DC.1M]</sup>

Haematology<sup>[DC.1C]</sup>

Results from the last 3 days

	18/07/21 01:35	18/07/21 15:59
HAEMOGLOBIN	126	131
PLATELET	195	242
INR	1.14	Coagulation sample underfilled. Please repeat. <sup>[DC.2T]</sup>

Hb 131

PLT 242<sup>[DC.1M]</sup>

Infection<sup>[DC.1C]</sup>

No active infections<sup>[DC.2T]</sup>

WCC 16<sup>[DC.1C]</sup>.09

Neuts 14.22<sup>[DC.1M]</sup>

Lt 1.21

CRP 1.1

Nutrition<sup>[DC.1C]</sup>

Adj ca 2.16

Ph 1.15<sup>[DC.1M]</sup>

Lines<sup>[DC.1C]</sup>

Lines, Drains, and Airways

Peripheral venous catheter

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Clinical Notes (group 4 of 4) (continued)**

Peripheral IV 18/07/21 Anterior;Distal;Right Forearm

<1 day

Peripheral IV 18/07/21 Left Antecubital

<1 day<sup>[DC.2T]</sup>

Rt peripheral - clean<sup>[DC.1C]</sup>

Art line<sup>[DC.1M]</sup>

Thromboprophylaxis<sup>[DC.1C]</sup>

pending<sup>[DC.1M]</sup>

Gastric Ulcer Prophylaxis<sup>[DC.1C]</sup>

pending<sup>[DC.1M]</sup>

Glucose Control<sup>[DC.1C]</sup>

Results from the last 3 days

	18/07/21	18/07/21	18/07/21
	15:51	18:24	18:28
GLUCOSE	11.8*	9.5*	10.2* <sup>[DC.2T]</sup>

Sedation<sup>[DC.1C]</sup>

Fentanyl<sup>[DC.1M]</sup> 50 micrograms/hr<sup>[DC.3T]</sup>

Propofol<sup>[DC.1M]</sup> \*20 mg/hr<sup>[DC.3T]</sup>

Pain<sup>[DC.1C]</sup>

Nil<sup>[DC.1M]</sup>

Communication<sup>[DC.1C]</sup>

Mother needs updating

Imp:

Acute respiratory arrest and GCS drop ? Cause

?CVST<sup>[DC.1M]</sup>

Plan<sup>[DC.1C]</sup>·<sup>[DC.1M]</sup>

Not for neuroprotective measures<sup>[DC.1C]</sup>

CVC line insertion<sup>[DC.1M]</sup>

IV bicarbonate - in view of possible TCA overdose<sup>[DC.1C]</sup>

CTV

CTA

NOT for LP

Serum osmolality/ cortisol

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Clinical Notes (group 4 of 4) (continued)**

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Discuss with neurosurgery: Intervention, NHNN transfer, ? Steroids  
Update family

DCRILLY Critical care<sup>[DC.1M]</sup>

Neurosurgical SpR advised:

- Mannitol
- CTA and CTV
- await contact from Neurosurgical consultant<sup>[LG.1M]</sup>

Electronically signed by Livia GOTTARDI at 18/7/2021 19:22

**Attribution Key**

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DC.1 - Declan CRILLY on 18/7/2021 18:40  
DC.2 - Declan CRILLY on 18/7/2021 19:03  
DC.3 - Declan CRILLY on 18/7/2021 19:04  
LG.1 - Livia GOTTARDI on 18/7/2021 19:21  
C - Copied, M - Manual, T - Template

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5)**

**POCT VENOUS BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 18/07/21 00:33** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 18/07/21 00:33 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 00:34 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 18/7/2021 00:32  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	18/07/21 00:33

**POCT VENOUS BLOOD GAS (Abnormal)**

Resulted: 18/07/21 00:33, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 18/07/21 00:33 Order status: Completed  
 Filed by: Interface, Aqure Results In 18/07/21 00:32 Collected by: 18/07/21 00:33  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF  
 Sensor cassette maintenance by Analyzer has been interrupted

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Venous	—	—	56
pH	7.514	—	H ^	56
Comment: Value above reference range				
Carbon Dioxide partial pressure	3.33	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	10.9	kPa	—	56
Potassium	3.4	mmol/l	L v	56
Comment: Value below reference range				
Sodium	129	mmol/l	L v	56
Comment: Value below reference range				
Ionised Calcium	1.10	mmol/l	L v	56
Comment: Value below reference range				
Chloride	97	mmol/l	L v	56
Comment: Value below reference range				
Glucose	6.3	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	2.7	mmol/l	H ^	56
Comment: Value above reference range				
Urea	3.5	mmol/l	—	56
Total Haemoglobin	133	g/l	—	56
Deoxyhaemoglobin	3.9	%	—	56
Oxyhaemoglobin	94.7	%	L v	56
Comment: Value below reference range				
Saturated Oxygen	96.0	%	—	56
Carboxyhaemoglobin	0.3	%	L v	56
Comment: Value below reference range				
Methaemoglobin	1.1	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	-2.9	mmol/l	—	56
Standard Bicarbonate	23.2	mmol/l	—	56
Haematocrit	40.8	%	—	56
Oxygen tension at 50% saturation	3.50	kPa	—	56
Oxygen content	7.9	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

56 - Unknown      AQUIRE      Unknown      Unknown      10/10/18 11:14 - Present

**POCT VENOUS BLOOD GAS (Edited Result - FINAL)**

Electronically signed by: **Interface, Aquire Results In on 18/07/21 00:33**      Status: **Completed**  
 Ordering user: Interface, Aquire Results In 18/07/21 00:33      Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM      Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 00:34 - 1 occurrence      Class: Normal  
 Quantity: 1      Lab status: Edited Result - FINAL  
 Instance released by: (auto-released) 18/7/2021 00:32  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	18/07/21 00:33

Resulted: 18/07/21 00:33, Result status: Edited Result - FINAL

**POCT VENOUS BLOOD GAS (Abnormal)**

Ordering clinician: Provider Not In SYSTEM 18/07/21 00:33      Order status: Completed  
 Filed by: Interface, Aquire Results In 18/07/21 00:32      Collected by: 18/07/21 00:33  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF  
 Sensor cassette maintenance by Analyzer has been interrupted

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Venous	—	—	56
pH	7.514	—	H ^	56
Comment: Value above reference range				
Carbon Dioxide partial pressure	3.33	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	10.9	kPa	—	56
Potassium	3.4	mmol/l	L v	56
Comment: Value below reference range				
Sodium	129	mmol/l	L v	56
Comment: Value below reference range				
Ionised Calcium	1.10	mmol/l	L v	56
Comment: Value below reference range				
Chloride	97	mmol/l	L v	56
Comment: Value below reference range				
Glucose	6.3	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	2.7	mmol/l	H ^	56
Comment: Value above reference range				
Urea	3.5	mmol/l	—	56
Total Haemoglobin	133	g/l	—	56
Deoxyhaemoglobin	3.9	%	—	56
Oxyhaemoglobin	94.7	%	L v	56
Comment: Value below reference range				
Saturated Oxygen	96.0	%	—	56
Carboxyhaemoglobin	0.3	%	L v	56
Comment: Value below reference range				
Methaemoglobin	1.1	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	-2.9	mmol/l	—	56
Standard Bicarbonate	23.2	mmol/l	—	56
Haematocrit	40.8	%	—	56
Oxygen tension at 50% saturation	3.50	kPa	—	56
Oxygen content	7.9	mmol/l	—	56

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT VENOUS BLOOD GAS (Edited Result - FINAL)**

Electronically signed by: **Interface, Aqure Results In on 18/07/21 00:33** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 18/07/21 00:33 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 00:34 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Edited Result - FINAL  
 Instance released by: (auto-released) 18/7/2021 00:32  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	18/07/21 00:33

Resulted: 18/07/21 00:33, Result status: Edited Result - FINAL

**POCT VENOUS BLOOD GAS (Abnormal)**

Ordering clinician: Provider Not In SYSTEM 18/07/21 00:33 Order status: Completed  
 Filed by: Interface, Aqure Results In 18/07/21 00:32 Collected by: 18/07/21 00:33  
 Resulting lab: AQURE  
 Narrative:  
 Oxi compensated for HbF  
 Sensor cassette maintenance by Analyzer has been interrupted

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Venous	—	—	56
pH	7.514	—	H ^	56
Comment: Value above reference range				
Carbon Dioxide partial pressure	3.33	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	10.9	kPa	—	56
Total Haemoglobin	133	g/l	—	56
Saturated Oxygen	96.0	%	—	56
Oxyhaemoglobin	94.7	%	L v	56
Comment: Value below reference range				
Carboxyhaemoglobin	0.3	%	L v	56
Comment: Value below reference range				
Methaemoglobin	1.1	%	—	56
Deoxyhaemoglobin	3.9	%	—	56
Potassium	3.4	mmol/l	L v	56
Comment: Value below reference range				
Sodium	129	mmol/l	L v	56
Comment: Value below reference range				
Ionised Calcium	1.10	mmol/l	L v	56
Comment: Value below reference range				
Chloride	97	mmol/l	L v	56
Comment: Value below reference range				
Glucose	6.3	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	2.7	mmol/l	H ^	56
Comment: Value above reference range				
Haematocrit	40.8	%	—	56
Standard Base Excess	-2.9	mmol/l	—	56
Standard Bicarbonate	23.2	mmol/l	—	56
Oxygen tension at 50% saturation	3.50	kPa	—	56
Oxygen content	7.9	mmol/l	—	56
Fraction of Inspired Oxygen	21.0	%	—	56

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

Urea	3.5	mmol/l	—	56
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**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT VENOUS BLOOD GAS (Edited Result - FINAL)**

Electronically signed by: **Interface, Aqure Results In on 18/07/21 00:33** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 18/07/21 00:33 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 00:34 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Edited Result - FINAL  
 Instance released by: (auto-released) 18/7/2021 00:32  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	18/07/21 00:33

Resulted: 18/07/21 00:33, Result status: Edited Result - FINAL

**POCT VENOUS BLOOD GAS (Abnormal)**

Ordering clinician: Provider Not In SYSTEM 18/07/21 00:33 Order status: Completed  
 Filed by: Interface, Aqure Results In 18/07/21 00:32 Collected by: 18/07/21 00:33  
 Resulting lab: AQURE  
 Narrative:  
 Oxi compensated for HbF  
 Sensor cassette maintenance by Analyzer has been interrupted

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Venous	—	—	56
pH	7.514	—	H ^	56
Comment: Value above reference range				
Carbon Dioxide partial pressure	3.33	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	10.9	kPa	—	56
Potassium	3.4	mmol/l	L v	56
Comment: Value below reference range				
Sodium	129	mmol/l	L v	56
Comment: Value below reference range				
Ionised Calcium	1.10	mmol/l	L v	56
Comment: Value below reference range				
Chloride	97	mmol/l	L v	56
Comment: Value below reference range				
Glucose	6.3	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	2.7	mmol/l	H ^	56
Comment: Value above reference range				
Urea	3.5	mmol/l	—	56
Total Haemoglobin	133	g/l	—	56
Deoxyhaemoglobin	3.9	%	—	56
Oxyhaemoglobin	94.7	%	L v	56
Comment: Value below reference range				
Saturated Oxygen	96.0	%	—	56
Carboxyhaemoglobin	0.3	%	L v	56
Comment: Value below reference range				
Methaemoglobin	1.1	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	-2.9	mmol/l	—	56

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

Standard Bicarbonate	23.2	mmol/l	—	56
Haematocrit	40.8	%	—	56
Oxygen tension at 50% saturation	3.50	kPa	—	56
Oxygen content	7.9	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT VENOUS BLOOD GAS (Edited Result - FINAL)**

Electronically signed by: **Interface, Aqure Results In on 18/07/21 00:33** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 18/07/21 00:33 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 00:34 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Edited Result - FINAL  
 Instance released by: (auto-released) 18/7/2021 00:32  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	18/07/21 00:33

Resulted: 18/07/21 00:33, Result status: Edited Result - FINAL

**POCT VENOUS BLOOD GAS (Abnormal)**

Ordering clinician: Provider Not In SYSTEM 18/07/21 00:33 Order status: Completed  
 Filed by: Interface, Aqure Results In 18/07/21 00:32 Collected by: 18/07/21 00:33  
 Resulting lab: AQURE  
 Narrative:  
 Oxi compensated for HbF  
 Sensor cassette maintenance by Analyzer has been interrupted

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Venous	—	—	56
pH	7.514	—	H ^	56
Comment: Value above reference range				
Carbon Dioxide partial pressure	3.33	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	10.9	kPa	—	56
Potassium	3.4	mmol/l	L v	56
Comment: Value below reference range				
Sodium	129	mmol/l	L v	56
Comment: Value below reference range				
Ionised Calcium	1.10	mmol/l	L v	56
Comment: Value below reference range				
Chloride	97	mmol/l	L v	56
Comment: Value below reference range				
Glucose	6.3	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	2.7	mmol/l	H ^	56
Comment: Value above reference range				
Urea	3.5	mmol/l	—	56
Total Haemoglobin	133	g/l	—	56
Deoxyhaemoglobin	3.9	%	—	56
Oxyhaemoglobin	94.7	%	L v	56
Comment: Value below reference range				
Saturated Oxygen	96.0	%	—	56
Carboxyhaemoglobin	0.3	%	L v	56
Comment: Value below reference range				

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

Methaemoglobin	1.1	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	-2.9	mmol/l	—	56
Standard Bicarbonate	23.2	mmol/l	—	56
Haematocrit	40.8	%	—	56
Oxygen tension at 50% saturation	3.50	kPa	—	56
Oxygen content	7.9	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT VENOUS BLOOD GAS (Edited Result - FINAL)**

Electronically signed by: **Interface, Aqure Results In on 18/07/21 00:33** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 18/07/21 00:33 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 00:34 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Edited Result - FINAL  
 Instance released by: (auto-released) 18/7/2021 00:32  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	18/07/21 00:33

Resulted: 18/07/21 00:33, Result status: Edited Result - FINAL

**POCT VENOUS BLOOD GAS (Abnormal)**

Ordering clinician: Provider Not In SYSTEM 18/07/21 00:33 Order status: Completed  
 Filed by: Interface, Aqure Results In 18/07/21 00:32 Collected by: 18/07/21 00:33  
 Resulting lab: AQURE  
 Narrative:  
 Oxi compensated for HbF  
 Sensor cassette maintenance by Analyzer has been interrupted

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Venous	—	—	56
pH	7.514	—	H ^	56
Comment: Value above reference range				
Carbon Dioxide partial pressure	3.33	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	10.9	kPa	—	56
Potassium	3.4	mmol/l	L v	56
Comment: Value below reference range				
Sodium	129	mmol/l	L v	56
Comment: Value below reference range				
Ionised Calcium	1.10	mmol/l	L v	56
Comment: Value below reference range				
Chloride	97	mmol/l	L v	56
Comment: Value below reference range				
Glucose	6.3	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	2.7	mmol/l	H ^	56
Comment: Value above reference range				
Urea	3.5	mmol/l	—	56
Total Haemoglobin	133	g/l	—	56
Deoxyhaemoglobin	3.9	%	—	56
Oxyhaemoglobin	94.7	%	L v	56
Comment: Value below reference range				

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

Saturated Oxygen	96.0	%	—	56
Carboxyhaemoglobin	0.3	%	L ▼	56
Comment: Value below reference range				
Methaemoglobin	1.1	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	-2.9	mmol/l	—	56
Standard Bicarbonate	23.2	mmol/l	—	56
Haematocrit	40.8	%	—	56
Oxygen tension at 50% saturation	3.50	kPa	—	56
Oxygen content	7.9	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**FBC and Differential (Final result)**

Electronically signed by: **Zoe VEARY on 18/07/21 01:20** Status: **Completed**  
 Ordering user: Zoe VEARY 18/07/21 01:20 Ordering clinician: Zoe VEARY  
 Authorised by: Ravi DASAN Ordering mode: Standard  
 Frequency: Urgent Once 18/07/21 01:19 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Final result  
 Instance released by: Zoe VEARY (auto-released) 18/7/2021 01:20

**Questionnaire**

Question	Answer
Clinical Details:	new confusion unclear cause
Contact Details (Tel or Bleep)	70049

**Specimen Information**

ID	Type	Source	Collected By
23U236337	Blood	Blood	SEREDNURSE1012 18/07/21 01:35

**FBC and Differential (Abnormal)**

Resulted: 18/07/21 02:15, Result status: Final result

Ordering clinician: Zoe VEARY 18/07/21 01:20 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 18/07/21 02:17 Collected by: SEREDNURSE1012 18/07/21 01:35  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
White cell count	8.10	3.0 - 10.0 x10 <sup>9</sup> /L	—	Winpath
Red cell count	4.22	3.95 - 5.15 x10 <sup>12</sup> /L	—	Winpath
Haemoglobin (g/L)	126	115 - 155 g/L	—	Winpath
HCT	0.363	0.33 - 0.45 L/L	—	Winpath
MCV	86.0	80 - 99 fL	—	Winpath
MCH	29.9	27.0 - 33.5 pg	—	Winpath
MCHC (g/L)	347	320 - 360 g/L	—	Winpath
RDW	10.9	11.5 - 15.0 %	L ▼	Winpath
Platelet count	195	150 - 400 x10 <sup>9</sup> /L	—	Winpath
MPV	9.2	7 - 13 fL	—	Winpath
Neutrophils	6.98	2.0 - 7.5 x10 <sup>9</sup> /L	—	Winpath
Lymphocytes	0.68	1.2 - 3.65 x10 <sup>9</sup> /L	L ▼	Winpath
Monocytes	0.39	0.2 - 1.0 x10 <sup>9</sup> /L	—	Winpath
Eosinophils	0.02	0.0 - 0.4 x10 <sup>9</sup> /L	—	Winpath
Basophils	0.03	0.0 - 0.1 x10 <sup>9</sup> /L	—	Winpath
XE Nucleated RBCs abs	0.00	0 - 0.01 x10 <sup>9</sup> /L	—	Winpath
XE Nucleated RBCs %	0.0	—	—	Winpath

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**FBC and Differential**

Resulted: 18/07/21 02:11, Result status: In process

Ordering clinician: Zoe VEARY 18/07/21 01:20  
 Filed by: Interface, Winpath Lab Results In 18/07/21 02:11  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: SEREDNURSE1012 18/07/21 01:35

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**RENAL PROFILE (WITHOUT UREA) (Edited Result - FINAL)**

Electronically signed by: **Zoe VEARY on 18/07/21 01:20**

Status: **Completed**

Ordering user: Zoe VEARY 18/07/21 01:20

Authorised by: Ravi DASAN

Frequency: Routine Once 18/07/21 01:20 - 1 occurrence

Quantity: 1

Instance released by: Zoe VEARY (auto-released) 18/7/2021 01:20

Ordering clinician: Zoe VEARY

Ordering mode: Standard

Class: Lab Collect

Lab status: Edited Result - FINAL

**Questionnaire**

Question	Answer
Clinical Details:	new confusion unclear cause
Contact Details (Tel or Bleep)	70049

**Specimen Information**

ID	Type	Source	Collected By
23U236338	Blood	Blood	SEREDNURSE1012 18/07/21 01:35

Resulted: 18/07/21 02:32, Result status: Edited

**RENAL PROFILE (WITHOUT UREA) (Abnormal)**

Result - FINAL

Ordering clinician: Zoe VEARY 18/07/21 01:20  
 Filed by: Interface, Winpath Lab Results In 18/07/21 16:29  
 Resulting lab: HSL WINPATH  
 Acknowledged by: Alun HENRY on 19/07/21 12:51

Order status: Completed

Collected by: SEREDNURSE1012 18/07/21 01:35

**Components**

Component	Value	Reference Range	Flag	Lab
Sodium	128	135 - 145 mmol/L	L ▼	Winpath
Potassium	3.8	3.5 - 5.1 mmol/L	—	Winpath
Creatinine	57	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath

Comment:

Units: mL/min/1.73sqm

Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: [www.renal.org/information-resources](http://www.renal.org/information-resources)

Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 18/07/21 02:32, Result status: Edited  
 Result - FINAL

**RENAL PROFILE (WITHOUT UREA) (Abnormal)**

Ordering clinician: Zoe VEARY 18/07/21 01:20  
 Filed by: Interface, Winpath Lab Results In 18/07/21 03:31  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: SEREDNURSE1012 18/07/21 01:35

**Components**

Component	Value	Reference Range	Flag	Lab
Sodium	128	135 - 145 mmol/L	L ▼	Winpath
Potassium	3.8	3.5 - 5.1 mmol/L	—	Winpath
Creatinine	57	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath

Comment:  
 Units: mL/min/1.73sqm  
 Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: [www.renal.org/information-resources](http://www.renal.org/information-resources)  
 Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.

**Reviewed by**

Alun HENRY on 19/07/21 12:51

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 18/07/21 02:32, Result status: Edited  
 Result - FINAL

**RENAL PROFILE (WITHOUT UREA) (Abnormal)**

Ordering clinician: Zoe VEARY 18/07/21 01:20  
 Filed by: Interface, Winpath Lab Results In 18/07/21 02:56  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: SEREDNURSE1012 18/07/21 01:35

**Components**

Component	Value	Reference Range	Flag	Lab
Sodium	128	135 - 145 mmol/L	L ▼	Winpath
Potassium	3.8	3.5 - 5.1 mmol/L	—	Winpath
Creatinine	57	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath

Comment:  
 Units: mL/min/1.73sqm  
 Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: [www.renal.org/information-resources](http://www.renal.org/information-resources)  
 Use with caution for adjusting drug dosages -

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

contact clinical pharmacist for advice.

**Reviewed by**

Alun HENRY on 19/07/21 12:51

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**RENAL PROFILE (WITHOUT UREA) (Abnormal)**

Resulted: 18/07/21 02:32, Result status: Final result

Ordering clinician: Zoe VEARY 18/07/21 01:20  
Filed by: Interface, Winpath Lab Results In 18/07/21 02:47  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: SEREDNURSE1012 18/07/21 01:35

**Components**

Component	Value	Reference Range	Flag	Lab
Sodium	128	135 - 145 mmol/L	L ▼	Winpath
Potassium	3.8	3.5 - 5.1 mmol/L	—	Winpath
Creatinine	57	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath

Comment:

Units: mL/min/1.73sqm

Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: [www.renal.org/information-resources](http://www.renal.org/information-resources)  
Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.

**Reviewed by**

Alun HENRY on 19/07/21 12:51

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**RENAL PROFILE (WITHOUT UREA)**

Resulted: 18/07/21 02:12, Result status: In process

Ordering clinician: Zoe VEARY 18/07/21 01:20  
Filed by: Interface, Winpath Lab Results In 18/07/21 02:12  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: SEREDNURSE1012 18/07/21 01:35

**Reviewed by**

Alun HENRY on 19/07/21 12:51

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

London  
 W1T 4EU

**All Reviewers List**

Alun HENRY on 19/7/2021 12:51

**CRP (Edited Result - FINAL)**

Electronically signed by: **Zoe VEARY on 18/07/21 01:20**

Status: **Completed**

Ordering user: Zoe VEARY 18/07/21 01:20

Ordering clinician: Zoe VEARY

Authorised by: Ravi DASAN

Ordering mode: Standard

Frequency: Urgent Once 18/07/21 01:20 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Edited Result - FINAL

Instance released by: Zoe VEARY (auto-released) 18/7/2021 01:20

**Questionnaire**

Question	Answer
Clinical Details:	new confusion unclear cause
Contact Details (Tel or Bleep)	70049

**Specimen Information**

ID	Type	Source	Collected By
23U236338	Blood	Blood	SEREDNURSE1012 18/07/21 01:35

Resulted: 18/07/21 02:32, Result status: Edited Result - FINAL

**CRP**

Ordering clinician: Zoe VEARY 18/07/21 01:20

Order status: Completed

Filed by: Interface, Winpath Lab Results In 18/07/21 16:29

Collected by: SEREDNURSE1012 18/07/21 01:35

Resulting lab: HSL WINPATH

Acknowledged by: Alun HENRY on 19/07/21 12:51

**Components**

Component	Value	Reference Range	Flag	Lab
C-reactive protein	0.6	0 - 5.0 mg/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 18/07/21 02:32, Result status: Edited Result - FINAL

**CRP**

Ordering clinician: Zoe VEARY 18/07/21 01:20

Order status: Completed

Filed by: Interface, Winpath Lab Results In 18/07/21 03:31

Collected by: SEREDNURSE1012 18/07/21 01:35

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
C-reactive protein	0.6	0 - 5.0 mg/L	—	Winpath

**Reviewed by**

Alun HENRY on 19/07/21 12:51

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

**16 - Winpath** HSL WINPATH Unknown 60 Whitfield St, 18/04/18 15:51 - Present  
 Fitzrovia  
 London  
 W1T 4EU

Resulted: 18/07/21 02:32, Result status: Edited  
 Result - FINAL

**CRP**

Ordering clinician: Zoe VEARY 18/07/21 01:20  
 Filed by: Interface, Winpath Lab Results In 18/07/21 02:56  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: SEREDNURSE1012 18/07/21 01:35

**Components**

Component	Value	Reference Range	Flag	Lab
C-reactive protein	0.6	0 - 5.0 mg/L	—	Winpath

**Reviewed by**

Alun HENRY on 19/07/21 12:51

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**CRP**

Resulted: 18/07/21 02:32, Result status: Final result

Ordering clinician: Zoe VEARY 18/07/21 01:20  
 Filed by: Interface, Winpath Lab Results In 18/07/21 02:47  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: SEREDNURSE1012 18/07/21 01:35

**Components**

Component	Value	Reference Range	Flag	Lab
C-reactive protein	0.6	0 - 5.0 mg/L	—	Winpath

**Reviewed by**

Alun HENRY on 19/07/21 12:51

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**CRP**

Resulted: 18/07/21 02:12, Result status: In process

Ordering clinician: Zoe VEARY 18/07/21 01:20  
 Filed by: Interface, Winpath Lab Results In 18/07/21 02:12  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: SEREDNURSE1012 18/07/21 01:35

**Reviewed by**

Alun HENRY on 19/07/21 12:51

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

**16 - Winpath**      HSL WINPATH      Unknown      60 Whitfield St,  
 Fitzrovia  
 London  
 W1T 4EU      18/04/18 15:51 - Present

**All Reviewers List**

Alun HENRY on 19/7/2021 12:51

**Paracetamol Level (Edited Result - FINAL)**

Electronically signed by: **Zoe VEARY on 18/07/21 01:20**      Status: **Completed**  
 Ordering user: Zoe VEARY 18/07/21 01:20      Ordering clinician: Zoe VEARY  
 Authorised by: Ravi DASAN      Ordering mode: Standard  
 Frequency: Urgent Once 18/07/21 01:20 - 1 occurrence      Class: Lab Collect  
 Quantity: 1      Lab status: Edited Result - FINAL  
 Instance released by: Zoe VEARY (auto-released) 18/7/2021 01:20

**Questionnaire**

Question	Answer
Clinical Details:	new confusion unclear cause
Contact Details (Tel or Bleep)	70049

**Specimen Information**

ID	Type	Source	Collected By
23U236338	Blood	Blood	SEREDNURSE1012 18/07/21 01:35

Resulted: 18/07/21 02:47, Result status: Edited Result - FINAL

**Paracetamol Level**

Ordering clinician: Zoe VEARY 18/07/21 01:20      Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 18/07/21 16:29      Collected by: SEREDNURSE1012 18/07/21 01:35  
 Resulting lab: HSL WINPATH  
 Acknowledged by: Alun HENRY on 19/07/21 12:51

**Components**

Component	Value	Reference Range	Flag	Lab
Paracetamol	Not Detected	mg/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
<b>16 - Winpath</b>	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 18/07/21 02:47, Result status: Edited Result - FINAL

**Paracetamol Level**

Ordering clinician: Zoe VEARY 18/07/21 01:20      Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 18/07/21 03:31      Collected by: SEREDNURSE1012 18/07/21 01:35  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Paracetamol	Not Detected	mg/L	—	Winpath

**Reviewed by**

Alun HENRY on 19/07/21 12:51

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Paracetamol Level**

Resulted: 18/07/21 02:47, Result status: Final result

Ordering clinician: Zoe VEARY 18/07/21 01:20  
Filed by: Interface, Winpath Lab Results In 18/07/21 02:56  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: SEREDNURSE1012 18/07/21 01:35

**Components**

Component	Value	Reference Range	Flag	Lab
Paracetamol	Not Detected	mg/L	—	Winpath

**Reviewed by**

Alun HENRY on 19/07/21 12:51

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Paracetamol Level**

Resulted: 18/07/21 02:12, Result status: In process

Ordering clinician: Zoe VEARY 18/07/21 01:20  
Filed by: Interface, Winpath Lab Results In 18/07/21 02:12  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: SEREDNURSE1012 18/07/21 01:35

**Reviewed by**

Alun HENRY on 19/07/21 12:51

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**All Reviewers List**

Alun HENRY on 19/7/2021 12:51

**Salicylate Level (Edited Result - FINAL)**

Electronically signed by: **Zoe VEARY on 18/07/21 01:20**

Status: **Completed**

Ordering user: Zoe VEARY 18/07/21 01:20

Authorised by: Ravi DASAN

Frequency: Urgent Once 18/07/21 01:20 - 1 occurrence

Quantity: 1

Instance released by: Zoe VEARY (auto-released) 18/7/2021 01:20

Ordering clinician: Zoe VEARY

Ordering mode: Standard

Class: Lab Collect

Lab status: Edited Result - FINAL

**Questionnaire**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

Question	Answer
Clinical Details:	new confusion unclear cause
Contact Details (Tel or Bleep)	70049

**Specimen Information**

ID	Type	Source	Collected By
23U236338	Blood	Blood	SEREDNURSE1012 18/07/21 01:35

Resulted: 18/07/21 02:32, Result status: Edited  
 Result - FINAL

**Salicylate Level**

Ordering clinician: Zoe VEARY 18/07/21 01:20      Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 18/07/21 16:29      Collected by: SEREDNURSE1012 18/07/21 01:35  
 Resulting lab: HSL WINPATH  
 Acknowledged by: Alun HENRY on 19/07/21 12:51

**Components**

Component	Value	Reference Range	Flag	Lab
Salicylate	Not Detected	mg/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 18/07/21 02:32, Result status: Edited  
 Result - FINAL

**Salicylate Level**

Ordering clinician: Zoe VEARY 18/07/21 01:20      Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 18/07/21 03:31      Collected by: SEREDNURSE1012 18/07/21 01:35  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Salicylate	Not Detected	mg/L	—	Winpath

**Reviewed by**

Alun HENRY on 19/07/21 12:51

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 18/07/21 02:32, Result status: Edited  
 Result - FINAL

**Salicylate Level**

Ordering clinician: Zoe VEARY 18/07/21 01:20      Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 18/07/21 02:56      Collected by: SEREDNURSE1012 18/07/21 01:35  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference	Flag	Lab
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

		Range		
Salicylate	Not Detected	mg/L	—	Winpath

**Reviewed by**

Alun HENRY on 19/07/21 12:51

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Salicylate Level**

Resulted: 18/07/21 02:32, Result status: Final result

Ordering clinician: Zoe VEARY 18/07/21 01:20

Order status: Completed

Filed by: Interface, Winpath Lab Results In 18/07/21 02:47

Collected by: SEREDNURSE1012 18/07/21 01:35

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Salicylate	Not Detected	mg/L	—	Winpath

**Reviewed by**

Alun HENRY on 19/07/21 12:51

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Salicylate Level**

Resulted: 18/07/21 02:12, Result status: In process

Ordering clinician: Zoe VEARY 18/07/21 01:20

Order status: Completed

Filed by: Interface, Winpath Lab Results In 18/07/21 02:12

Collected by: SEREDNURSE1012 18/07/21 01:35

Resulting lab: HSL WINPATH

**Reviewed by**

Alun HENRY on 19/07/21 12:51

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**All Reviewers List**

Alun HENRY on 19/7/2021 12:51

**Bone Profile (Edited Result - FINAL)**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

Electronically signed by: **Zoe VEARY on 18/07/21 01:20**

Status: **Completed**

Ordering user: Zoe VEARY 18/07/21 01:20

Ordering clinician: Zoe VEARY

Authorised by: Ravi DASAN

Ordering mode: Standard

Frequency: Urgent Once 18/07/21 01:20 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Edited Result - FINAL

Instance released by: Zoe VEARY (auto-released) 18/7/2021 01:20

**Questionnaire**

Question	Answer
Clinical Details:	new confusion unclear cause
Contact Details (Tel or Bleep)	70049

**Specimen Information**

ID	Type	Source	Collected By
23U236338	Blood	Blood	SEREDNURSE1012 18/07/21 01:35

Resulted: 18/07/21 02:32, Result status: Edited Result - FINAL

**Bone Profile (Abnormal)**

Ordering clinician: Zoe VEARY 18/07/21 01:20

Order status: Completed

Filed by: Interface, Winpath Lab Results In 18/07/21 16:29

Collected by: SEREDNURSE1012 18/07/21 01:35

Resulting lab: HSL WINPATH

Acknowledged by: Alun HENRY on 19/07/21 12:51

**Components**

Component	Value	Reference Range	Flag	Lab
Alkaline phosphatase	46	35 - 104 IU/L	—	Winpath
Albumin	47	34 - 50 g/L	—	Winpath
Calcium	2.26	2.20 - 2.60 mmol/L	—	Winpath
Calcium (albumin-adjusted)	2.23	2.20 - 2.60 mmol/L	—	Winpath
Phosphate	0.81	0.87 - 1.45 mmol/L	L ▼	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 18/07/21 02:32, Result status: Edited Result - FINAL

**Bone Profile (Abnormal)**

Ordering clinician: Zoe VEARY 18/07/21 01:20

Order status: Completed

Filed by: Interface, Winpath Lab Results In 18/07/21 03:31

Collected by: SEREDNURSE1012 18/07/21 01:35

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Alkaline phosphatase	46	35 - 104 IU/L	—	Winpath
Albumin	47	34 - 50 g/L	—	Winpath
Calcium	2.26	2.20 - 2.60 mmol/L	—	Winpath
Calcium (albumin-adjusted)	2.23	2.20 - 2.60 mmol/L	—	Winpath
Phosphate	0.81	0.87 - 1.45 mmol/L	L ▼	Winpath

**Reviewed by**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

Alun HENRY on 19/07/21 12:51

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 18/07/21 02:32, Result status: Edited  
Result - FINAL

**Bone Profile (Abnormal)**

Ordering clinician: Zoe VEARY 18/07/21 01:20  
Filed by: Interface, Winpath Lab Results In 18/07/21 02:56  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: SEREDNURSE1012 18/07/21 01:35

**Components**

Component	Value	Reference Range	Flag	Lab
Alkaline phosphatase	46	35 - 104 IU/L	—	Winpath
Albumin	47	34 - 50 g/L	—	Winpath
Calcium	2.26	2.20 - 2.60 mmol/L	—	Winpath
Calcium (albumin-adjusted)	2.23	2.20 - 2.60 mmol/L	—	Winpath
Phosphate	0.81	0.87 - 1.45 mmol/L	L v	Winpath

**Reviewed by**

Alun HENRY on 19/07/21 12:51

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Bone Profile (Abnormal)**

Resulted: 18/07/21 02:32, Result status: Final result

Ordering clinician: Zoe VEARY 18/07/21 01:20  
Filed by: Interface, Winpath Lab Results In 18/07/21 02:47  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: SEREDNURSE1012 18/07/21 01:35

**Components**

Component	Value	Reference Range	Flag	Lab
Alkaline phosphatase	46	35 - 104 IU/L	—	Winpath
Albumin	47	34 - 50 g/L	—	Winpath
Calcium	2.26	2.20 - 2.60 mmol/L	—	Winpath
Calcium (albumin-adjusted)	2.23	2.20 - 2.60 mmol/L	—	Winpath
Phosphate	0.81	0.87 - 1.45 mmol/L	L v	Winpath

**Reviewed by**

Alun HENRY on 19/07/21 12:51

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Bone Profile**

Resulted: 18/07/21 02:12, Result status: In process

Ordering clinician: Zoe VEARY 18/07/21 01:20  
Filed by: Interface, Winpath Lab Results In 18/07/21 02:12  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: SEREDNURSE1012 18/07/21 01:35

**Reviewed by**

Alun HENRY on 19/07/21 12:51

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**All Reviewers List**

Alun HENRY on 19/7/2021 12:51

**Coagulation Screen (Without Fibrinogen) (Final result)**

Electronically signed by: **Zoe VEARY on 18/07/21 01:20**

Status: **Completed**

Ordering user: Zoe VEARY 18/07/21 01:20

Ordering clinician: Zoe VEARY

Authorised by: Ravi DASAN

Ordering mode: Standard

Frequency: Urgent Once 18/07/21 01:20 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Final result

Instance released by: Zoe VEARY (auto-released) 18/7/2021 01:20

**Questionnaire**

Question	Answer
Clinical Details:	new confusion unclear cause
Contact Details (Tel or Bleep)	70049

**Specimen Information**

ID	Type	Source	Collected By
23U236339	Blood	Blood	SEREDNURSE1012 18/07/21 01:35

**Coagulation Screen (Without Fibrinogen) (Abnormal)**

Resulted: 18/07/21 02:31, Result status: Final result

Ordering clinician: Zoe VEARY 18/07/21 01:20  
Filed by: Interface, Winpath Lab Results In 18/07/21 02:32  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: SEREDNURSE1012 18/07/21 01:35

**Components**

Component	Value	Reference Range	Flag	Lab
Prothrombin Time	12.4	10.0 - 12.0 secs	H ^	Winpath
INR	1.14	—	—	Winpath
APTT	27	25 - 37 secs	—	Winpath
APTT Ratio	0.9	0.8 - 1.2	—	Winpath

**Testing Performed By**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Coagulation Screen (Without Fibrinogen)**

Resulted: 18/07/21 02:11, Result status: In process

Ordering clinician: Zoe VEARY 18/07/21 01:20

Order status: Completed

Filed by: Interface, Winpath Lab Results In 18/07/21 02:11

Collected by: SEREDNURSE1012 18/07/21 01:35

Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Ethanol (Final result)**

Electronically signed by: **Zoe VEARY on 18/07/21 01:20**

Status: **Completed**

Ordering user: Zoe VEARY 18/07/21 01:20

Ordering clinician: Zoe VEARY

Authorised by: Ravi DASAN

Ordering mode: Standard

Frequency: Urgent Once 18/07/21 01:21 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Final result

Instance released by: Zoe VEARY (auto-released) 18/7/2021 01:20

**Questionnaire**

Question	Answer
Clinical Details:	new confusion unclear cause
Contact Details (Tel or Bleep)	70049

**Specimen Information**

ID	Type	Source	Collected By
23U236340	Blood	Blood	SEREDNURSE1012 18/07/21 01:35

**Ethanol**

Resulted: 18/07/21 02:47, Result status: Final result

Ordering clinician: Zoe VEARY 18/07/21 01:20

Order status: Completed

Filed by: Interface, Winpath Lab Results In 18/07/21 03:11

Collected by: SEREDNURSE1012 18/07/21 01:35

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Ethanol	<100	<100 mg/L	—	Winpath
Comment: For guidance the driving limit is <800 mg/L				

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Ethanol**

Resulted: 18/07/21 02:11, Result status: In process

Ordering clinician: Zoe VEARY 18/07/21 01:20

Order status: Completed

Filed by: Interface, Winpath Lab Results In 18/07/21 02:11

Collected by: SEREDNURSE1012 18/07/21 01:35

Resulting lab: HSL WINPATH

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Creatine Kinase (Edited Result - FINAL)**

Status: **Completed**

Order placed as a reflex to RENAL PROFILE (WITHOUT UREA) ordered on 18/07/21 at 01:20  
 Ordering user: Interface, Winpath Lab Results In 18/07/21 03:14 Ordering clinician: Zoe VEARY  
 Authorised by: Ravi DASAN Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 03:14 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Edited Result - FINAL  
 Instance released by: (auto-released) 18/7/2021 03:14

**Specimen Information**

ID	Type	Source	Collected By
23U236338	—	Blood	18/07/21 01:35

Resulted: 18/07/21 03:30, Result status: Edited Result - FINAL

**Creatine Kinase**

Ordering clinician: Zoe VEARY 18/07/21 03:14 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 18/07/21 16:29 Collected by: 18/07/21 01:35  
 Resulting lab: HSL WINPATH  
 Acknowledged by: Alun HENRY on 19/07/21 12:51

**Components**

Component	Value	Reference Range	Flag	Lab
Creatine kinase	54	26 - 140 IU/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Creatine Kinase**

Resulted: 18/07/21 03:30, Result status: Final result

Ordering clinician: Zoe VEARY 18/07/21 03:14 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 18/07/21 03:31 Collected by: 18/07/21 01:35  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Creatine kinase	54	26 - 140 IU/L	—	Winpath

**Reviewed by**

Alun HENRY on 19/07/21 12:51

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

London  
 W1T 4EU

**Creatine Kinase**

Resulted: 18/07/21 03:14, Result status: In process

Ordering clinician: Zoe VEARY 18/07/21 03:14  
 Filed by: Interface, Winpath Lab Results In 18/07/21 03:14  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: 18/07/21 01:35

**Reviewed by**

Alun HENRY on 19/07/21 12:51

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**All Reviewers List**

Alun HENRY on 19/7/2021 12:51

**Magnesium (Final result)**

Status: **Completed**

Order placed as a reflex to RENAL PROFILE (WITHOUT UREA) ordered on 18/07/21 at 01:20  
 Ordering user: Interface, Winpath Lab Results In 18/07/21 16:11  
 Authorised by: Ravi DASAN  
 Frequency: Routine Once 18/07/21 16:11 - 1 occurrence  
 Quantity: 1  
 Instance released by: (auto-released) 18/7/2021 16:11

Ordering clinician: Zoe VEARY  
 Ordering mode: Standard  
 Class: Lab Collect  
 Lab status: Final result

**Specimen Information**

ID	Type	Source	Collected By
23U236338	—	Blood	18/07/21 01:35

**Magnesium (Abnormal)**

Resulted: 18/07/21 16:27, Result status: Final result

Ordering clinician: Zoe VEARY 18/07/21 16:11  
 Filed by: Interface, Winpath Lab Results In 18/07/21 16:29  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: 18/07/21 01:35

**Components**

Component	Value	Reference Range	Flag	Lab
Magnesium	0.59	0.60 - 1.00 mmol/L	L ▼	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Magnesium**

Resulted: 18/07/21 16:11, Result status: In process

Ordering clinician: Zoe VEARY 18/07/21 16:11  
 Filed by: Interface, Winpath Lab Results In 18/07/21 16:11  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: 18/07/21 01:35

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**POCT VENOUS BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 18/07/21 02:03** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 18/07/21 02:03 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 02:04 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 18/7/2021 02:02  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	18/07/21 02:03

**POCT VENOUS BLOOD GAS (Abnormal)**

Resulted: 18/07/21 02:03, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 18/07/21 02:03 Order status: Completed  
 Filed by: Interface, Aqure Results In 18/07/21 02:02 Collected by: 18/07/21 02:03  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF  
 Sensor cassette maintenance by Analyzer has been interrupted

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Venous	—	—	56
pH	7.435	—	—	56
Carbon Dioxide partial pressure	4.32	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	5.68	kPa	L v	56
Comment: Value below reference range				
Potassium	3.7	mmol/l	—	56
Sodium	129	mmol/l	L v	56
Comment: Value below reference range				
Ionised Calcium	1.11	mmol/l	L v	56
Comment: Value below reference range				
Chloride	97	mmol/l	L v	56
Comment: Value below reference range				
Glucose	6.6	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	2.3	mmol/l	H ^	56
Comment: Value above reference range				
Urea	3.6	mmol/l	—	56
Total Haemoglobin	128	g/l	—	56
Deoxyhaemoglobin	19.0	%	H ^	56
Comment: Value above reference range				
Oxyhaemoglobin	79.5	%	L v	56
Comment: Value below reference range				
Saturated Oxygen	80.7	%	—	56
Carboxyhaemoglobin	0.5	%	—	56
Methaemoglobin	1.0	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	-2.5	mmol/l	—	56
Standard Bicarbonate	22.6	mmol/l	—	56

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

Haematocrit	39.3	%	—	56
Oxygen tension at 50% saturation	3.36	kPa	—	56
Oxygen content	6.4	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**Rapid COVID-19 PCR (restricted use) (Final result)**

Electronically signed by: **SEREDNURSE1012 on 18/07/21 03:17** Status: **Completed**  
 Ordering user: SEREDNURSE1012 18/07/21 03:17 Ordering clinician: SEREDNURSE1012  
 Authorised by: Alun HENRY Ordering mode: Standard: no cosign required  
 Frequency: Urgent Once 18/07/21 03:18 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Final result  
 Instance released by: SEREDNURSE1012 (auto-released) 18/7/2021 03:17

**Questionnaire**

Question	Answer
This is a restricted test, please acknowledge the statement below:	I acknowledge that this assay is performed in restricted locations for rapid diagnosis of COVID-19
Why is this test being performed?	Surveillance
This test should not be ordered if the patient has tested POSITIVE for COVID-19 within 90 days.	I confirm that this patient has NOT tested POSITIVE for COVID-19 within 90 days
Clinical Details:	for possible admission
Contact Details (Tel or Bleep)	SDEC9

**Specimen Information**

ID	Type	Source	Collected By
23U236432	Swab	Swab - Combined Throat and Nose	SEREDNURSE1012 18/07/21 03:17

**Rapid COVID-19 PCR (restricted use)**

Resulted: 18/07/21 05:23, Result status: Final result

Ordering clinician: SEREDNURSE1012 18/07/21 03:17 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 18/07/21 05:24 Collected by: SEREDNURSE1012 18/07/21 03:17  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Specimen Type	Nose and Throat Swab	—	—	Winpath
COVID-19 RESULT	NOT detected	—	—	Winpath
COVID-19 CLINICAL COMMENT	--	—	—	Winpath
Result: Sample processed by HSL Analytics on Biocartis Idylla platform. The test is not ISO15189 accredited but has been verified.				

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Rapid COVID-19 PCR (restricted use)**

Resulted: 18/07/21 03:48, Result status: In process

Ordering clinician: SEREDNURSE1012 18/07/21 03:17 Order status: Completed

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

Filed by: Interface, Winpath Lab Results In 18/07/21 03:48  
 Resulting lab: HSL WINPATH

Collected by: SEREDNURSE1012 18/07/21 03:17

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**UCLH Drugs of Abuse Screen (Active)**

Electronically signed by: **Marianne MCFADDEN, RN on 18/07/21 12:51** Status: **Active**  
 Ordering user: Marianne MCFADDEN, RN 18/07/21 12:51 Ordering clinician: Marianne MCFADDEN, RN  
 Authorised by: Christine GREGSON Ordering mode: Standard: no cosign required  
 Frequency: Routine Once 18/07/21 12:52 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Instance released by: Marianne MCFADDEN, RN (auto-released) 18/7/2021 12:51

**Questionnaire**

Question	Answer
Clinical Details:	.
Contact Details (Tel or Bleep)	2227

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	Urine	Marianne MCFADDEN, RN 18/07/21 12:51

**UCLH Drugs of Abuse Screen (Edited Result - FINAL)**

Electronically signed by: **Marianne MCFADDEN, RN on 18/07/21 12:54** Status: **Completed**  
 Ordering user: Marianne MCFADDEN, RN 18/07/21 12:54 Ordering clinician: Marianne MCFADDEN, RN  
 Authorised by: Christine GREGSON Ordering mode: Standard: no cosign required  
 Frequency: Routine Once 18/07/21 12:54 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Edited Result - FINAL  
 Instance released by: Marianne MCFADDEN, RN (auto-released) 18/7/2021 12:54

**Questionnaire**

Question	Answer
Clinical Details:	.
Contact Details (Tel or Bleep)	2227

**Specimen Information**

ID	Type	Source	Collected By
23U237715	Blood	Urine	Marianne MCFADDEN, RN 18/07/21 12:55

Resulted: 19/07/21 00:02, Result status: Edited Result - FINAL

**UCLH Drugs of Abuse Screen**

Ordering clinician: Marianne MCFADDEN, RN 18/07/21 12:54 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 19/07/21 00:03 Collected by: Marianne MCFADDEN, RN 18/07/21 12:55  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Urine creatinine	3,414	umol/L	—	Winpath
Urine barbiturates	Negative	—	—	Winpath
Urine amphetamines	Negative	—	—	Winpath
Urine methadone	Negative	—	—	Winpath
Urine opiates	Negative	—	—	Winpath
Urine benzodiazepines	Negative	—	—	Winpath

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

Urine cocaine	Negative	—	—	Winpath
Urine cannabinoids	Negative	—	—	Winpath
Comment	--	—	—	Winpath

Result:

Results are for clinical use only. Not for social or legal purposes.  
 Screening results will not be confirmed unless specifically requested.

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**UCLH Drugs of Abuse Screen**

Resulted: 19/07/21 00:02, Result status: Final result

Ordering clinician: Marianne MCFADDEN, RN 18/07/21 12:54  
 Filed by: Interface, Winpath Lab Results In 19/07/21 00:02  
 Resulting lab: HSL WINPATH  
 Order status: Completed  
 Collected by: Marianne MCFADDEN, RN 18/07/21 12:55

**Components**

Component	Value	Reference Range	Flag	Lab
Urine creatinine	3,414	umol/L	—	Winpath
Urine barbiturates	Negative	—	—	Winpath
Urine amphetamines	Negative	—	—	Winpath
Urine methadone	Negative	—	—	Winpath
Urine opiates	Negative	—	—	Winpath
Urine benzodiazepines	Negative	—	—	Winpath
Urine cocaine	Negative	—	—	Winpath
Urine cannabinoids	Negative	—	—	Winpath
Comment	--	—	—	Winpath

Result:

Results are for clinical use only. Not for social or legal purposes.  
 Screening results will not be confirmed unless specifically requested.

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**UCLH Drugs of Abuse Screen**

Resulted: 18/07/21 14:49, Result status: Preliminary result

Ordering clinician: Marianne MCFADDEN, RN 18/07/21 12:54  
 Filed by: Interface, Winpath Lab Results In 18/07/21 15:18  
 Resulting lab: HSL WINPATH  
 Order status: Completed  
 Collected by: Marianne MCFADDEN, RN 18/07/21 12:55

**Components**

Component	Value	Reference Range	Flag	Lab
Urine creatinine	3,414	umol/L	—	Winpath
Comment	--	—	—	Winpath

Result:

Results are for clinical use only. Not for social

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

or legal purposes.  
Screening results will not be confirmed unless specifically requested.

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**UCLH Drugs of Abuse Screen**

Resulted: 18/07/21 13:45, Result status: In process

Ordering clinician: Marianne MCFADDEN, RN 18/07/21 12:54 Order status: Completed  
Filed by: Interface, Winpath Lab Results In 18/07/21 13:45 Collected by: Marianne MCFADDEN, RN 18/07/21 12:55  
Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urine Culture (MSU) (Final result)**

Electronically signed by: **Marianne MCFADDEN, RN on 18/07/21 12:55** Status: **Completed**  
Ordering user: Marianne MCFADDEN, RN 18/07/21 12:55 Ordering clinician: Marianne MCFADDEN, RN  
Authorised by: Christine GREGSON Ordering mode: Standard: no cosign required  
Frequency: Routine Once 18/07/21 12:56 - 1 occurrence Class: Lab Collect  
Quantity: 1 Lab status: Final result  
Instance released by: Marianne MCFADDEN, RN (auto-released) 18/7/2021 12:55

**Questionnaire**

Question	Answer
Clinical Details:	.
Contact Details (Tel or Bleep)	2227

**Specimen Information**

ID	Type	Source	Collected By
20V337052	Urine	Urine - Mid Stream (MSU)	Marianne MCFADDEN, RN 18/07/21 12:55

**Urine Culture (MSU)**

Resulted: 19/07/21 18:46, Result status: Final result

Ordering clinician: Marianne MCFADDEN, RN 18/07/21 12:55 Order status: Completed  
Filed by: Interface, Winpath Lab Results In 19/07/21 18:47 Collected by: Marianne MCFADDEN, RN 18/07/21 12:55  
Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
URINE CULTURE	URINE CULTURE REPORT	—	—	Winpath
Culture	Screening culture negative.	—	—	Winpath
STATUS	COMPLETE: 19/07/21	—	—	Winpath

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urine Culture (MSU)**

Resulted: 19/07/21 05:23, Result status: Preliminary result

Ordering clinician: Marianne MCFADDEN, RN 18/07/21 12:55 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 19/07/21 05:25 Collected by: Marianne MCFADDEN, RN 18/07/21 12:55  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
URINE CULTURE	URINE CULTURE REPORT	—	—	Winpath
STATUS	INCOMPLETE - LAST UPDATED: 19/07/21	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urine Culture (MSU)**

Resulted: 18/07/21 13:37, Result status: In process

Ordering clinician: Marianne MCFADDEN, RN 18/07/21 12:55 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 18/07/21 13:37 Collected by: Marianne MCFADDEN, RN 18/07/21 12:55  
 Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urine Microscopy (Edited Result - FINAL)**

Electronically signed by: **Interface, Winpath Lab Results In on 18/07/21 13:37** Status: **Completed**  
 Ordering user: Interface, Winpath Lab Results In 18/07/21 13:37 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 13:37 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Edited Result - FINAL  
 Instance released by: (auto-released) 18/7/2021 13:37  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
20V337052	—	Urine - Mid Stream (MSU)	18/07/21 12:55

**Urine Microscopy**

Resulted: 19/07/21 05:23, Result status: Edited

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

Result - FINAL

Ordering clinician: Provider Not In SYSTEM 18/07/21 13:37  
 Filed by: Interface, Winpath Lab Results In 19/07/21 18:47  
 Resulting lab: HSL WINPATH  
 Order status: Completed  
 Collected by: 18/07/21 12:55

**Components**

Component	Value	Reference Range	Flag	Lab
WINPATH URINE MICROSCOPY	URINE MICROSCO PY REPORT	—	—	Winpath
White blood cells	Few	—	—	Winpath
Red blood cells	Not seen	—	—	Winpath
Epithelial cells	Moderate	—	—	Winpath
Yeast cells	Not seen	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urine Microscopy**

Resulted: 19/07/21 05:23, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 18/07/21 13:37  
 Filed by: Interface, Winpath Lab Results In 19/07/21 05:25  
 Resulting lab: HSL WINPATH  
 Order status: Completed  
 Collected by: 18/07/21 12:55

**Components**

Component	Value	Reference Range	Flag	Lab
WINPATH URINE MICROSCOPY	URINE MICROSCO PY REPORT	—	—	Winpath
White blood cells	Few	—	—	Winpath
Red blood cells	Not seen	—	—	Winpath
Epithelial cells	Moderate	—	—	Winpath
Yeast cells	Not seen	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urine Microscopy**

Resulted: 18/07/21 13:37, Result status: In process

Ordering clinician: Provider Not In SYSTEM 18/07/21 13:37  
 Filed by: Interface, Winpath Lab Results In 18/07/21 13:37  
 Resulting lab: HSL WINPATH  
 Order status: Completed  
 Collected by: 18/07/21 12:55

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

W1T 4EU

**Renal Profile (Na, K, Creat) (Edited Result - FINAL)**

Electronically signed by: **Conor FEELY on 18/07/21 04:37** Status: **Completed**  
 Ordering user: Conor FEELY 18/07/21 04:37 Ordering clinician: Conor FEELY  
 Authorised by: Visalakshi SUBBIAN Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 08:00 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Edited Result - FINAL  
 Instance released by: Conor FEELY (auto-released) 18/7/2021 06:00

**Questionnaire**

Question	Answer
Clinical Details:	hyponatraemia
Contact Details (Tel or Bleep)	76053

**Specimen Information**

ID	Type	Source	Collected By
23U237728	Blood	Blood	Marianne MCFADDEN, RN 18/07/21 12:56

Resulted: 18/07/21 14:36, Result status: Edited Result - FINAL

**Renal Profile (Na, K, Creat) (Abnormal)**

Ordering clinician: Conor FEELY 18/07/21 06:00 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 19/07/21 10:11 Collected by: Marianne MCFADDEN, RN 18/07/21 12:56  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Sodium	123	135 - 145 mmol/L	L ▼	Winpath
Potassium	3.3	3.5 - 5.1 mmol/L	L ▼	Winpath
Creatinine	46	49 - 92 umol/L	L ▼	Winpath
Estimated GFR	>90	.	—	Winpath

Comment:  
 Units: mL/min/1.73sqm  
 Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: [www.renal.org/information-resources](http://www.renal.org/information-resources)  
 Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 18/07/21 14:36, Result status: Edited Result - FINAL

**Renal Profile (Na, K, Creat) (Abnormal)**

Ordering clinician: Conor FEELY 18/07/21 06:00 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 18/07/21 15:18 Collected by: Marianne MCFADDEN, RN 18/07/21 12:56  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Sodium	123	135 - 145 mmol/L	L ▼	Winpath
Potassium	3.3	3.5 - 5.1 mmol/L	L ▼	Winpath
Creatinine	46	49 - 92 umol/L	L ▼	Winpath

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

Estimated GFR >90 . — Winpath  
 Comment:  
 Units: mL/min/1.73sqm  
 Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: [www.renal.org/information-resources](http://www.renal.org/information-resources)  
 Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Renal Profile (Na, K, Creat) (Abnormal)**

Resulted: 18/07/21 14:36, Result status: Final result

Ordering clinician: Conor FEELY 18/07/21 06:00  
 Filed by: Interface, Winpath Lab Results In 18/07/21 14:36  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Marianne MCFADDEN, RN 18/07/21 12:56

**Components**

Component	Value	Reference Range	Flag	Lab
Potassium	3.3	3.5 - 5.1 mmol/L	L ▼	Winpath
Creatinine	46	49 - 92 umol/L	L ▼	Winpath
Estimated GFR	>90	.	—	Winpath

Comment:  
 Units: mL/min/1.73sqm  
 Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: [www.renal.org/information-resources](http://www.renal.org/information-resources)  
 Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Renal Profile (Na, K, Creat)**

Resulted: 18/07/21 14:04, Result status: In process

Ordering clinician: Conor FEELY 18/07/21 06:00  
 Filed by: Interface, Winpath Lab Results In 18/07/21 14:04  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Marianne MCFADDEN, RN 18/07/21 12:56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

**Blood Culture (Blood) (Final result)**

Electronically signed by: **Marianne MCFADDEN, RN on 18/07/21 12:56** Status: **Completed**  
 Ordering user: Marianne MCFADDEN, RN 18/07/21 12:56 Ordering clinician: Marianne MCFADDEN, RN  
 Authorised by: Christine GREGSON Ordering mode: Standard: no cosign required  
 Frequency: Routine Once 18/07/21 12:57 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Final result  
 Instance released by: Marianne MCFADDEN, RN (auto-released) 18/7/2021 12:56

**Questionnaire**

Question	Answer
Clinical Details:	.
Contact Details (Tel or Bleep)	2227

**Specimen Information**

ID	Type	Source	Collected By
20V337055	Blood	Blood	Marianne MCFADDEN, RN 18/07/21 12:56

**Blood Culture (Blood)**

Resulted: 24/07/21 00:09, Result status: Final result

Ordering clinician: Marianne MCFADDEN, RN 18/07/21 12:56 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 24/07/21 00:11 Collected by: Marianne MCFADDEN, RN 18/07/21 12:56  
 Resulting lab: HSL WINPATH  
 Acknowledged by: Tim CUTFIELD on 27/07/21 17:16

**Components**

Component	Value	Reference Range	Flag	Lab
Blood Culture	BLOOD CULTURE REPORT	—	—	Winpath
Incubation Start: (Day:HH:MM)	Sun23:43	—	—	Winpath
Culture	No growth after 5 days.	—	—	Winpath
STATUS:	COMPLETE: 24/07/21	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Blood Culture (Blood)**

Resulted: 21/07/21 01:03, Result status: Preliminary result

Ordering clinician: Marianne MCFADDEN, RN 18/07/21 12:56 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 21/07/21 01:05 Collected by: Marianne MCFADDEN, RN 18/07/21 12:56  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Blood Culture	BLOOD CULTURE REPORT	—	—	Winpath
Incubation Start: (Day:HH:MM)	Sun23:43	—	—	Winpath
STATUS:	INCOMPLETE - LAST UPDATED: 21/07/21	—	—	Winpath

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

**Reviewed by**

Tim CUTFIELD on 30/07/21 17:06  
 Tim CUTFIELD on 29/07/21 16:44  
 Tim CUTFIELD on 29/07/21 12:37  
 Tim CUTFIELD on 27/07/21 17:16

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 18/07/21 23:44, Result status: Preliminary result

**Blood Culture (Blood)**

Ordering clinician: Marianne MCFADDEN, RN 18/07/21 12:56 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 18/07/21 23:46 Collected by: Marianne MCFADDEN, RN 18/07/21 12:56  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Blood Culture	BLOOD CULTURE REPORT	—	—	Winpath
Incubation Start: (Day:HH:MM)	Sun23:43	—	—	Winpath
STATUS:	INCOMPLETE - LAST UPDATED: 18/07/21	—	—	Winpath

**Reviewed by**

Tim CUTFIELD on 30/07/21 17:06  
 Tim CUTFIELD on 29/07/21 16:44  
 Tim CUTFIELD on 29/07/21 12:37  
 Tim CUTFIELD on 27/07/21 17:16

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Blood Culture (Blood)**

Resulted: 18/07/21 14:44, Result status: In process

Ordering clinician: Marianne MCFADDEN, RN 18/07/21 12:56 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 18/07/21 14:44 Collected by: Marianne MCFADDEN, RN 18/07/21 12:56  
 Resulting lab: HSL WINPATH

**Reviewed by**

Tim CUTFIELD on 30/07/21 17:06  
 Tim CUTFIELD on 29/07/21 16:44  
 Tim CUTFIELD on 29/07/21 12:37  
 Tim CUTFIELD on 27/07/21 17:16

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

**16 - Winpath** HSL WINPATH Unknown 60 Whitfield St, 18/04/18 15:51 - Present  
Fitzrovia  
London  
W1T 4EU

**All Reviewers List**

Tim CUTFIELD on 30/7/2021 17:06  
Tim CUTFIELD on 29/7/2021 16:44  
Tim CUTFIELD on 29/7/2021 12:37  
Tim CUTFIELD on 27/7/2021 17:16

**UCLH Drugs of Abuse Screen (Discontinued)**

Electronically signed by: **Thomas SAMUELS on 18/07/21 12:58** Status: **Discontinued**  
Ordering user: Thomas SAMUELS 18/07/21 12:58 Ordering clinician: Thomas SAMUELS  
Authorised by: Christine GREGSON Ordering mode: Standard  
Frequency: Routine Once 18/07/21 12:59 - 1 occurrence Class: Lab Collect  
Quantity: 1 Instance released by: Thomas SAMUELS (auto-released)  
18/7/2021 12:58  
Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:50 [Patient Discharge]

**Questionnaire**

Question	Answer
Clinical Details:	Odd behaviour
Contact Details (Tel or Bleep)	4310

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	Urine	—

**POCT VENOUS BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 18/07/21 13:53** Status: **Completed**  
Ordering user: Interface, Aqure Results In 18/07/21 13:53 Ordering clinician: Provider Not In SYSTEM  
Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
Frequency: Routine Once 18/07/21 13:54 - 1 occurrence Class: Normal  
Quantity: 1 Lab status: Final result  
Instance released by: (auto-released) 18/7/2021 13:55  
Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	18/07/21 13:53

**POCT VENOUS BLOOD GAS (Abnormal)**

Resulted: 18/07/21 13:53, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 18/07/21 13:53 Order status: Completed  
Filed by: Interface, Aqure Results In 18/07/21 13:55 Collected by: 18/07/21 13:53  
Resulting lab: AQURE  
Narrative:  
Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Venous	—	—	56
pH	7.408	—	—	56
Carbon Dioxide partial pressure	4.09	kPa	L ▼	56
Comment: Value below reference range				
Oxygen partial pressure	9.84	kPa	L ▼	56
Comment: Value below reference range				
Potassium	3.2	mmol/l	L ▼	56
Comment: Value below reference range				
Ionised Calcium	1.08	mmol/l	L ▼	56
Comment: Value below reference range				

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

Chloride	93	mmol/l	L ▼	56
Comment: Value below reference range				
Glucose	7.5	mmol/l	H ^	56
Comment: Value above reference range				
Creatinine	28.8	micromol/l	—	56
Total Haemoglobin	112	g/l	L ▼	56
Comment: Value below reference range				
Deoxyhaemoglobin	0.9	%	L ▼	56
Comment: Value below reference range				
Oxyhaemoglobin	98.3	%	—	56
Saturated Oxygen	99.1	%	H ^	56
Comment: Value above reference range				
Carboxyhaemoglobin	0.3	%	L ▼	56
Comment: Value below reference range				
Methaemoglobin	0.5	%	—	56
Standard Base Excess	-5.4	mmol/l	—	56
Standard Bicarbonate	20.7	mmol/l	—	56
Haematocrit	34.2	%	—	56
Oxygen tension at 50% saturation	3.47	kPa	—	56
Oxygen content	6.9	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 18/07/21 15:51**

Status: **Completed**

Ordering user: Interface, Aqure Results In 18/07/21 15:51

Ordering clinician: Provider Not In SYSTEM

Authorised by: Provider Not In SYSTEM

Ordering mode: Standard

Frequency: Routine Once 18/07/21 15:52 - 1 occurrence

Class: Normal

Quantity: 1

Lab status: Final result

Instance released by: (auto-released) 18/7/2021 15:51

Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	18/07/21 15:51

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 18/07/21 15:51, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 18/07/21 15:51

Order status: Completed

Filed by: Interface, Aqure Results In 18/07/21 15:51

Collected by: 18/07/21 15:51

Resulting lab: AQURE

Narrative:

Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.264	—	L ▼	56
Comment: Value below reference range				
Carbon Dioxide partial pressure	5.96	kPa	—	56
Oxygen partial pressure	63.5	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.1	mmol/l	L ▼	56
Comment: Value below reference range				
Sodium	123	mmol/l	L ▼	56
Comment: Value below reference range				
Ionised Calcium	1.15	mmol/l	—	56
Chloride	93	mmol/l	—	56

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

				L ▼	
Comment: Value below reference range					
Glucose	11.8	mmol/l	H ^		56
Comment: Value above reference range					
Lactate	2.7	mmol/l	H ^		56
Comment: Value above reference range					
Total Haemoglobin	137	g/l	—		56
Deoxyhaemoglobin	0.3	%	L ▼		56
Comment: Value below reference range					
Oxyhaemoglobin	98.9	%	—		56
Saturated Oxygen	99.7	%	H ^		56
Comment: Value above reference range					
Carboxyhaemoglobin	0.0	%	L ▼		56
Comment: Value below reference range					
Methaemoglobin	0.8	%	—		56
Fraction of Inspired Oxygen	21.0	%	—		56
Standard Base Excess	-6.7	mmol/l	—		56
Standard Bicarbonate	19.1	mmol/l	—		56
Haematocrit	42.1	%	—		56
Oxygen tension at 50% saturation	4.08	kPa	—		56
Oxygen content	9.1	mmol/l	—		56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Active)**

Electronically signed by: **Sylvester ODAME-AMOABENG, RN on 18/07/21 15:53** Status: **Active**  
 Ordering user: Sylvester ODAME-AMOABENG, RN 18/07/21 15:53 Ordering clinician: Sylvester ODAME-AMOABENG, RN  
 Authorised by: Christine GREGSON Ordering mode: Standard: no cosign required  
 Frequency: Routine Once 18/07/21 15:54 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Instance released by: Sylvester ODAME-AMOABENG, RN (auto-released) 18/7/2021 15:53

**Questionnaire**

Question	Answer
Clinical Details:	coag
Contact Details (Tel or Bleep)	renal

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	Blood	Sylvester ODAME-AMOABENG, RN 18/07/21 15:54

**Coagulation Screen (Without Fibrinogen) (Active)**

Electronically signed by: **Sylvester ODAME-AMOABENG, RN on 18/07/21 15:53** Status: **Active**  
 Ordering user: Sylvester ODAME-AMOABENG, RN 18/07/21 15:53 Ordering clinician: Sylvester ODAME-AMOABENG, RN  
 Authorised by: Christine GREGSON Ordering mode: Standard: no cosign required  
 Frequency: Routine Once 18/07/21 15:54 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Instance released by: Sylvester ODAME-AMOABENG, RN (auto-released) 18/7/2021 15:53

**Questionnaire**

Question	Answer
Clinical Details:	coag
Contact Details (Tel or Bleep)	renal

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	Blood	Sylvester ODAME-AMOABENG, RN 18/07/21 15:54

**FBC and Differential (Active)**

Electronically signed by: **Sylvester ODAME-AMOABENG, RN on 18/07/21 15:53** Status: **Active**  
Ordering user: Sylvester ODAME-AMOABENG, RN 18/07/21 15:53 Ordering clinician: Sylvester ODAME-AMOABENG, RN  
Authorised by: Christine GREGSON Ordering mode: Standard: no cosign required  
Frequency: Routine Once 18/07/21 15:54 - 1 occurrence Class: Lab Collect  
Quantity: 1 Instance released by: Sylvester ODAME-AMOABENG, RN (auto-released) 18/7/2021 15:53

**Questionnaire**

Question	Answer
Clinical Details:	coag
Contact Details (Tel or Bleep)	renal

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	Blood	Sylvester ODAME-AMOABENG, RN 18/07/21 15:54

**FBC and Differential (Active)**

Electronically signed by: **Stephen HARRIS on 18/07/21 15:55** Status: **Active**  
Ordering user: Stephen HARRIS 18/07/21 15:55 Ordering clinician: Stephen HARRIS  
Authorised by: Stephen HARRIS Ordering mode: Standard  
Frequency: Routine Once 18/07/21 15:55 - 1 occurrence Class: Lab Collect  
Quantity: 1 Instance released by: Stephen HARRIS (auto-released) 18/7/2021 15:55

**Questionnaire**

Question	Answer
Clinical Details:	-
Contact Details (Tel or Bleep)	-

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	Blood	Stephen HARRIS 18/07/21 15:55

**FBC and Differential (Active)**

Electronically signed by: **Simon Alexander Thomas WESTBY on 18/07/21 15:58** Status: **Active**  
Ordering user: Simon Alexander Thomas WESTBY 18/07/21 15:58 Ordering clinician: Simon Alexander Thomas WESTBY  
Authorised by: Christine GREGSON Ordering mode: Standard  
Frequency: Routine Once 18/07/21 15:59 - 1 occurrence Class: Lab Collect  
Quantity: 1 Instance released by: Simon Alexander Thomas WESTBY (auto-released) 18/7/2021 15:58

**Questionnaire**

Question	Answer
Clinical Details:	-
Contact Details (Tel or Bleep)	-

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	Blood	Simon Alexander Thomas WESTBY 18/07/21 15:58

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Edited Result - FINAL)**

Electronically signed by: **Stephen HARRIS on 18/07/21 15:55**

Status: **Completed**

Ordering user: Stephen HARRIS 18/07/21 15:55

Ordering clinician: Stephen HARRIS

Authorised by: Stephen HARRIS

Ordering mode: Standard

Frequency: Routine Once 18/07/21 15:55 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Edited Result - FINAL

Instance released by: Stephen HARRIS (auto-released) 18/7/2021 15:55

**Questionnaire**

Question	Answer
Clinical Details:	-
Contact Details (Tel or Bleep)	-

**Specimen Information**

ID	Type	Source	Collected By
23U237973	Blood	Blood	Simon Alexander Thomas WESTBY 18/07/21 15:59

Resulted: 18/07/21 17:36, Result status: Edited Result - FINAL

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Abnormal)**

Ordering clinician: Stephen HARRIS 18/07/21 15:55

Order status: Completed

Filed by: Interface, Winpath Lab Results In 19/07/21 10:12

Collected by: Simon Alexander Thomas WESTBY 18/07/21 15:59

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Sodium	122	135 - 145 mmol/L	L ▼	Winpath
Potassium	3.3	3.5 - 5.1 mmol/L	L ▼	Winpath
Creatinine	52	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath
Comment: Units: mL/min/1.73sqm Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: <a href="http://www.renal.org/information-resources">www.renal.org/information-resources</a> Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.				
Bilirubin (total)	15	0 - 20 umol/L	—	Winpath
Alkaline phosphatase	47	35 - 104 IU/L	—	Winpath
Alanine transaminase	20	10 - 35 IU/L	—	Winpath
Albumin	47	34 - 50 g/L	—	Winpath
Calcium	2.19	2.20 - 2.60 mmol/L	L ▼	Winpath
Calcium (albumin-adjusted)	2.16	2.20 - 2.60 mmol/L	L ▼	Winpath
Phosphate	1.15	0.87 - 1.45 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Abnormal)**

Resulted: 18/07/21 17:36, Result status: Final result

Ordering clinician: Stephen HARRIS 18/07/21 15:55

Order status: Completed

Filed by: Interface, Winpath Lab Results In 18/07/21 17:38

Collected by: Simon Alexander Thomas WESTBY 18/07/21

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

15:59

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Sodium	122	135 - 145 mmol/L	L ▼	Winpath
Potassium	3.3	3.5 - 5.1 mmol/L	L ▼	Winpath
Creatinine	52	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath
Comment: Units: mL/min/1.73sqm Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: <a href="http://www.renal.org/information-resources">www.renal.org/information-resources</a> Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.				
Bilirubin (total)	15	0 - 20 umol/L	—	Winpath
Alkaline phosphatase	47	35 - 104 IU/L	—	Winpath
Alanine transaminase	20	10 - 35 IU/L	—	Winpath
Albumin	47	34 - 50 g/L	—	Winpath
Calcium	2.19	2.20 - 2.60 mmol/L	L ▼	Winpath
Calcium (albumin-adjusted)	2.16	2.20 - 2.60 mmol/L	L ▼	Winpath
Phosphate	1.15	0.87 - 1.45 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 18/07/21 16:58, Result status: Preliminary result

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Abnormal)**

Ordering clinician: Stephen HARRIS 18/07/21 15:55  
Filed by: Interface, Winpath Lab Results In 18/07/21 16:59

Order status: Completed  
Collected by: Simon Alexander Thomas WESTBY 18/07/21 15:59

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Potassium	3.3	3.5 - 5.1 mmol/L	L ▼	Winpath
Creatinine	52	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath
Comment: Units: mL/min/1.73sqm Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: <a href="http://www.renal.org/information-resources">www.renal.org/information-resources</a> Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.				
Bilirubin (total)	15	0 - 20 umol/L	—	Winpath
Alkaline phosphatase	47	35 - 104 IU/L	—	Winpath
Alanine transaminase	20	10 - 35 IU/L	—	Winpath
Albumin	47	34 - 50 g/L	—	Winpath

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

Calcium	2.19	2.20 - 2.60 mmol/L	L ▼	Winpath
Calcium (albumin-adjusted)	2.16	2.20 - 2.60 mmol/L	L ▼	Winpath
Phosphate	1.15	0.87 - 1.45 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles**

Resulted: 18/07/21 16:26, Result status: In process

Ordering clinician: Stephen HARRIS 18/07/21 15:55  
 Filed by: Interface, Winpath Lab Results In 18/07/21 16:26

Order status: Completed  
 Collected by: Simon Alexander Thomas WESTBY 18/07/21 15:59

Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Magnesium (Edited Result - FINAL)**

Electronically signed by: Stephen HARRIS on 18/07/21 15:55

Status: **Completed**

Ordering user: Stephen HARRIS 18/07/21 15:55

Ordering clinician: Stephen HARRIS

Authorised by: Stephen HARRIS

Ordering mode: Standard

Frequency: Routine Once 18/07/21 15:55 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Edited Result - FINAL

Instance released by: Stephen HARRIS (auto-released) 18/7/2021 15:55

**Questionnaire**

Question	Answer
Clinical Details:	-
Contact Details (Tel or Bleep)	-

**Specimen Information**

ID	Type	Source	Collected By
23U237973	Blood	Blood	Simon Alexander Thomas WESTBY 18/07/21 15:59

Resulted: 18/07/21 17:36, Result status: Edited Result - FINAL

**Magnesium**

Ordering clinician: Stephen HARRIS 18/07/21 15:55  
 Filed by: Interface, Winpath Lab Results In 19/07/21 10:12

Order status: Completed  
 Collected by: Simon Alexander Thomas WESTBY 18/07/21 15:59

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Magnesium	0.62	0.60 - 1.00 mmol/L	—	Winpath

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 18/07/21 17:36, Result status: Edited  
 Result - FINAL

**Magnesium**

Ordering clinician: Stephen HARRIS 18/07/21 15:55  
 Filed by: Interface, Winpath Lab Results In 18/07/21 17:38

Order status: Completed  
 Collected by: Simon Alexander Thomas WESTBY 18/07/21  
 15:59

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Magnesium	0.62	0.60 - 1.00 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 18/07/21 16:58, Result status: Final result

**Magnesium**

Ordering clinician: Stephen HARRIS 18/07/21 15:55  
 Filed by: Interface, Winpath Lab Results In 18/07/21 16:59

Order status: Completed  
 Collected by: Simon Alexander Thomas WESTBY 18/07/21  
 15:59

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Magnesium	0.62	0.60 - 1.00 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 18/07/21 16:26, Result status: In process

**Magnesium**

Ordering clinician: Stephen HARRIS 18/07/21 15:55  
 Filed by: Interface, Winpath Lab Results In 18/07/21 16:26

Order status: Completed  
 Collected by: Simon Alexander Thomas WESTBY 18/07/21  
 15:59

Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St,	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

Fitzrovia  
 London  
 W1T 4EU

**C-reactive protein (Edited Result - FINAL)**

Electronically signed by: **Stephen HARRIS on 18/07/21 15:55** Status: **Completed**  
 Ordering user: Stephen HARRIS 18/07/21 15:55 Ordering clinician: Stephen HARRIS  
 Authorised by: Stephen HARRIS Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 15:55 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Edited Result - FINAL  
 Instance released by: Stephen HARRIS (auto-released) 18/7/2021 15:55

**Questionnaire**

Question	Answer
Clinical Details:	-
Contact Details (Tel or Bleep)	-

**Specimen Information**

ID	Type	Source	Collected By
23U237973	Blood	Blood	Simon Alexander Thomas WESTBY 18/07/21 15:59

Resulted: 18/07/21 16:58, Result status: Edited Result - FINAL

**C-reactive protein**

Ordering clinician: Stephen HARRIS 18/07/21 15:55 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 19/07/21 10:12 Collected by: Simon Alexander Thomas WESTBY 18/07/21 15:59  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
C-reactive protein	1.1	0 - 5.0 mg/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 18/07/21 16:58, Result status: Edited Result - FINAL

**C-reactive protein**

Ordering clinician: Stephen HARRIS 18/07/21 15:55 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 18/07/21 17:38 Collected by: Simon Alexander Thomas WESTBY 18/07/21 15:59  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
C-reactive protein	1.1	0 - 5.0 mg/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

W1T 4EU

**C-reactive protein**

Resulted: 18/07/21 16:58, Result status: Final result

Ordering clinician: Stephen HARRIS 18/07/21 15:55  
Filed by: Interface, Winpath Lab Results In 18/07/21 16:59

Order status: Completed  
Collected by: Simon Alexander Thomas WESTBY 18/07/21 15:59

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
C-reactive protein	1.1	0 - 5.0 mg/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**C-reactive protein**

Resulted: 18/07/21 16:26, Result status: In process

Ordering clinician: Stephen HARRIS 18/07/21 15:55  
Filed by: Interface, Winpath Lab Results In 18/07/21 16:26

Order status: Completed  
Collected by: Simon Alexander Thomas WESTBY 18/07/21 15:59

Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**HIV Antibody / Antigen (Final result)**

Electronically signed by: **Simon Alexander Thomas WESTBY on 18/07/21 15:57**

Status: **Completed**

Ordering user: Simon Alexander Thomas WESTBY 18/07/21 15:57

Ordering clinician: Simon Alexander Thomas WESTBY

Authorised by: Christine GREGSON

Ordering mode: Standard

Frequency: Routine Once 18/07/21 15:58 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Final result

Instance released by: Simon Alexander Thomas WESTBY (auto-released) 18/7/2021 15:58

**Questionnaire**

Question	Answer
Clinical Details:	-
Contact Details (Tel or Bleep)	-

**Specimen Information**

ID	Type	Source	Collected By
23U237974	Blood	Blood	Simon Alexander Thomas WESTBY 18/07/21 15:59

**HIV Antibody / Antigen**

Resulted: 19/07/21 01:14, Result status: Final result

Ordering clinician: Simon Alexander Thomas WESTBY  
18/07/21 15:58  
Filed by: Interface, Winpath Lab Results In 19/07/21 01:15

Order status: Completed  
Collected by: Simon Alexander Thomas WESTBY 18/07/21 15:59

Resulting lab: HSL WINPATH

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

**Components**

Component	Value	Reference Range	Flag	Lab
Antibodies to HIV 1+2 Result: NOT detected HIV-1 p24 Antigen NOT detected	--	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**HIV Antibody / Antigen**

Resulted: 18/07/21 16:25, Result status: In process

Ordering clinician: Simon Alexander Thomas WESTBY  
 18/07/21 15:58

Order status: Completed

Filed by: Interface, Winpath Lab Results In 18/07/21 16:25

Collected by: Simon Alexander Thomas WESTBY 18/07/21  
 15:59

Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Hepatitis B Full Screen (sAg, sAb, cAb) (Final result)**

Electronically signed by: **Simon Alexander Thomas WESTBY on 18/07/21 15:57**

Status: **Completed**

Ordering user: Simon Alexander Thomas WESTBY 18/07/21  
 15:57

Ordering clinician: Simon Alexander Thomas WESTBY

Authorised by: Christine GREGSON

Ordering mode: Standard

Frequency: Routine Once 18/07/21 15:58 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Final result

Instance released by: Simon Alexander Thomas WESTBY (auto-released) 18/7/2021 15:58

**Questionnaire**

Question	Answer
Clinical Details:	-
Contact Details (Tel or Bleep)	-

**Specimen Information**

ID	Type	Source	Collected By
23U237974	Blood	Blood	Simon Alexander Thomas WESTBY 18/07/21 15:59

**Hepatitis B Full Screen (sAg, sAb, cAb)**

Resulted: 19/07/21 01:14, Result status: Final result

Ordering clinician: Simon Alexander Thomas WESTBY  
 18/07/21 15:58

Order status: Completed

Filed by: Interface, Winpath Lab Results In 19/07/21 01:15

Collected by: Simon Alexander Thomas WESTBY 18/07/21  
 15:59

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference	Flag	Lab
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

		Range		
HBsAg	NOT detected	—	—	Winpath
Clinical Comment Result: Consistent with immunity to hepatitis B following immunisation.	--	—	—	Winpath
Anti-HBcore	NOT detected	—	—	Winpath
Anti-HBsurface	>100	IU/l	—	Winpath
Anti-HBsurface Interpretation	POSITIVE	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Hepatitis B Full Screen (sAg, sAb, cAb)**

Resulted: 18/07/21 16:25, Result status: In process

Ordering clinician: Simon Alexander Thomas WESTBY  
 18/07/21 15:58

Order status: Completed

Filed by: Interface, Winpath Lab Results In 18/07/21 16:25

Collected by: Simon Alexander Thomas WESTBY 18/07/21  
 15:59

Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Hepatitis C Antibodies (Final result)**

Electronically signed by: **Simon Alexander Thomas WESTBY on 18/07/21 15:57**

Status: **Completed**

Ordering user: Simon Alexander Thomas WESTBY 18/07/21  
 15:57

Ordering clinician: Simon Alexander Thomas WESTBY

Authorised by: Christine GREGSON

Ordering mode: Standard

Frequency: Routine Once 18/07/21 15:58 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Final result

Instance released by: Simon Alexander Thomas WESTBY (auto-released) 18/7/2021 15:58

**Questionnaire**

Question	Answer
Clinical Details:	-
Contact Details (Tel or Bleep)	-

**Specimen Information**

ID	Type	Source	Collected By
23U237974	Blood	Blood	Simon Alexander Thomas WESTBY 18/07/21 15:59

**Hepatitis C Antibodies**

Resulted: 19/07/21 01:14, Result status: Final result

Ordering clinician: Simon Alexander Thomas WESTBY  
 18/07/21 15:58

Order status: Completed

Filed by: Interface, Winpath Lab Results In 19/07/21 01:15

Collected by: Simon Alexander Thomas WESTBY 18/07/21  
 15:59

Resulting lab: HSL WINPATH

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

**Components**

Component	Value	Reference Range	Flag	Lab
HEPATITIS C ANTIBODY SCREEN	REPORT	—	—	Winpath
Anti-HCV	--	—	—	Winpath
Result: NOT detected This does not exclude acute HCV infection as seroconversion may be delayed. If you consider this patient to have risk factors for HCV infection, please contact us to discuss further testing of this sample.				

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Hepatitis C Antibodies**

Resulted: 18/07/21 16:25, Result status: In process

Ordering clinician: Simon Alexander Thomas WESTBY  
 18/07/21 15:58

Order status: Completed

Filed by: Interface, Winpath Lab Results In 18/07/21 16:25

Collected by: Simon Alexander Thomas WESTBY 18/07/21  
 15:59

Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Coagulation Screen (Without Fibrinogen) (Final result)**

Electronically signed by: **Simon Alexander Thomas WESTBY on 18/07/21 15:57**

Status: **Completed**

Ordering user: Simon Alexander Thomas WESTBY 18/07/21  
 15:57

Ordering clinician: Simon Alexander Thomas WESTBY

Authorised by: Christine GREGSON

Ordering mode: Standard

Frequency: Routine Once 18/07/21 15:58 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Final result

Instance released by: Simon Alexander Thomas WESTBY (auto-released) 18/7/2021 15:58

**Questionnaire**

Question	Answer
Clinical Details:	-
Contact Details (Tel or Bleep)	-

**Specimen Information**

ID	Type	Source	Collected By
23U237975	Blood	Blood	Simon Alexander Thomas WESTBY 18/07/21 15:59

**Coagulation Screen (Without Fibrinogen)**

Resulted: 18/07/21 16:46, Result status: Final result

Ordering clinician: Simon Alexander Thomas WESTBY  
 18/07/21 15:58

Order status: Completed

Filed by: Interface, Winpath Lab Results In 18/07/21 17:04

Collected by: Simon Alexander Thomas WESTBY 18/07/21

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

15:59

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Prothrombin Time	Cancelled - Coagulation sample underfilled.	secs	—	Winpath
INR	Coagulation sample underfilled. Please repeat.	—	—	Winpath
APTT	Coagulation sample underfilled. Please repeat.	secs	—	Winpath
APTT Ratio	Coagulation sample underfilled. Please repeat.	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Coagulation Screen (Without Fibrinogen)**

Resulted: 18/07/21 16:30, Result status: In process

Ordering clinician: Simon Alexander Thomas WESTBY  
 18/07/21 15:58

Order status: Completed

Filed by: Interface, Winpath Lab Results In 18/07/21 16:30

Collected by: Simon Alexander Thomas WESTBY 18/07/21  
 15:59

Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**FBC and Differential (Final result)**

Electronically signed by: **Simon Alexander Thomas WESTBY on 18/07/21 15:59**

Status: **Completed**

Ordering user: Simon Alexander Thomas WESTBY 18/07/21  
 15:59

Ordering clinician: Simon Alexander Thomas WESTBY

Authorised by: Christine GREGSON

Ordering mode: Standard

Frequency: Routine Once 18/07/21 16:00 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Final result

Instance released by: Simon Alexander Thomas WESTBY (auto-released) 18/7/2021 15:59

**Questionnaire**

Question	Answer
Clinical Details:	-

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 1 of 5) (continued)**

Contact Details (Tel or Bleep) -

**Specimen Information**

ID	Type	Source	Collected By
23U237976	Blood	Blood	Simon Alexander Thomas WESTBY 18/07/21 15:59

**FBC and Differential (Abnormal)**

Resulted: 18/07/21 16:50, Result status: Final result

Ordering clinician: Simon Alexander Thomas WESTBY  
18/07/21 15:59

Order status: Completed

Filed by: Interface, Winpath Lab Results In 18/07/21 16:50

Collected by: Simon Alexander Thomas WESTBY 18/07/21  
15:59

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
White cell count	16.09	3.0 - 10.0 x10 <sup>9</sup> /L	H ^	Winpath
Red cell count	4.28	3.95 - 5.15 x10 <sup>12</sup> /L	—	Winpath
Haemoglobin (g/L)	131	115 - 155 g/L	—	Winpath
HCT	0.365	0.33 - 0.45 L/L	—	Winpath
MCV	85.3	80 - 99 fL	—	Winpath
MCH	30.6	27.0 - 33.5 pg	—	Winpath
MCHC (g/L)	359	320 - 360 g/L	—	Winpath
RDW	11.0	11.5 - 15.0 %	L v	Winpath
Platelet count	242	150 - 400 x10 <sup>9</sup> /L	—	Winpath
MPV	9.7	7 - 13 fL	—	Winpath
Neutrophils	14.22	2.0 - 7.5 x10 <sup>9</sup> /L	H ^	Winpath
Lymphocytes	1.21	1.2 - 3.65 x10 <sup>9</sup> /L	—	Winpath
Monocytes	0.63	0.2 - 1.0 x10 <sup>9</sup> /L	—	Winpath
Eosinophils	0.02	0.0 - 0.4 x10 <sup>9</sup> /L	—	Winpath
Basophils	0.02	0.0 - 0.1 x10 <sup>9</sup> /L	—	Winpath
XE Nucleated RBCs abs	0.00	0 - 0.01 x10 <sup>9</sup> /L	—	Winpath
XE Nucleated RBCs %	0.0	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**FBC and Differential**

Resulted: 18/07/21 16:30, Result status: In process

Ordering clinician: Simon Alexander Thomas WESTBY  
18/07/21 15:59

Order status: Completed

Filed by: Interface, Winpath Lab Results In 18/07/21 16:30

Collected by: Simon Alexander Thomas WESTBY 18/07/21  
15:59

Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

UNIVERSITY COLLEGE HOSPITAL CAMPUS  
University College Hospital Campus  
235 Euston Road  
London  
NW1 2BU

YOUNG, GAIA Inigo  
MRN: 21365083, DOB: 4/3/1996, Sex: F  
Adm: 17/7/2021, D/C: 23/7/2021

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Lab tests (group 1 of 5) (continued)**

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5)**

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 18/07/21 18:24** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 18/07/21 18:24 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 18:25 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 18/7/2021 18:25  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	18/07/21 18:24

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 18/07/21 18:24, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 18/07/21 18:24 Order status: Completed  
 Filed by: Interface, Aqure Results In 18/07/21 18:25 Collected by: 18/07/21 18:24  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.517	—	H ^	56
Comment: Value above reference range				
Carbon Dioxide partial pressure	3.29	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	29.9	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.3	mmol/l	L v	56
Comment: Value below reference range				
Sodium	121	mmol/l	L v	56
Comment: Value below reference range				
Ionised Calcium	1.06	mmol/l	L v	56
Comment: Value below reference range				
Chloride	92	mmol/l	L v	56
Comment: Value below reference range				
Glucose	9.5	mmol/l	H ^	56
Comment: Value above reference range				
Total Haemoglobin	117	g/l	—	56
Deoxyhaemoglobin	0.6	%	L v	56
Comment: Value below reference range				
Oxyhaemoglobin	98.3	%	—	56
Saturated Oxygen	99.4	%	H ^	56
Comment: Value above reference range				
Carboxyhaemoglobin	0.2	%	L v	56
Comment: Value below reference range				
Methaemoglobin	0.9	%	—	56
Fraction of Inspired Oxygen	60.0	%	—	56
Standard Base Excess	-2.9	mmol/l	—	56
Standard Bicarbonate	23.1	mmol/l	—	56
Haematocrit	35.8	%	—	56
Oxygen tension at 50% saturation	3.07	kPa	—	56
Oxygen content	7.4	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 18/07/21 18:28** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 18/07/21 18:28 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 18:29 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 18/7/2021 18:28  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	18/07/21 18:28

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 18/07/21 18:28, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 18/07/21 18:28 Order status: Completed  
 Filed by: Interface, Aqure Results In 18/07/21 18:28 Collected by: 18/07/21 18:28  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.530	—	H ^	56
Comment: Value above reference range				
Carbon Dioxide partial pressure	3.15	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	20.8	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.3	mmol/l	L v	56
Comment: Value below reference range				
Sodium	121	mmol/l	L v	56
Comment: Value below reference range				
Ionised Calcium	1.03	mmol/l	L v	56
Comment: Value below reference range				
Chloride	94	mmol/l	L v	56
Comment: Value below reference range				
Glucose	10.2	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	1.8	mmol/l	—	56
Total Haemoglobin	119	g/l	—	56
Deoxyhaemoglobin	1.0	%	—	56
Oxyhaemoglobin	97.6	%	—	56
Saturated Oxygen	99.0	%	—	56
Carboxyhaemoglobin	0.3	%	L v	56
Comment: Value below reference range				
Methaemoglobin	1.1	%	—	56
Fraction of Inspired Oxygen	60.0	%	—	56
Standard Base Excess	-3.0	mmol/l	—	56
Standard Bicarbonate	23.1	mmol/l	—	56
Haematocrit	36.5	%	—	56
Oxygen tension at 50% saturation	2.91	kPa	—	56
Oxygen content	7.4	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 18/07/21 19:45** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 18/07/21 19:45 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 19:46 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 18/7/2021 19:45  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	18/07/21 19:45

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 18/07/21 19:45, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 18/07/21 19:45 Order status: Completed  
 Filed by: Interface, Aqure Results In 18/07/21 19:45 Collected by: 18/07/21 19:45  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.536	—	H ^	56
Comment: Value above reference range				
Carbon Dioxide partial pressure	3.05	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	21.4	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.3	mmol/l	L v	56
Comment: Value below reference range				
Sodium	120	mmol/l	L v	56
Comment: Value below reference range				
Ionised Calcium	1.03	mmol/l	L v	56
Comment: Value below reference range				
Chloride	96	mmol/l	L v	56
Comment: Value below reference range				
Glucose	9.2	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	1.3	mmol/l	—	56
Total Haemoglobin	116	g/l	—	56
Deoxyhaemoglobin	1.1	%	—	56
Oxyhaemoglobin	97.5	%	—	56
Saturated Oxygen	98.9	%	—	56
Carboxyhaemoglobin	0.3	%	L v	56
Comment: Value below reference range				
Methaemoglobin	1.1	%	—	56
Fraction of Inspired Oxygen	35.0	%	—	56
Standard Base Excess	-3.3	mmol/l	—	56
Standard Bicarbonate	22.9	mmol/l	—	56
Haematocrit	35.5	%	—	56
Oxygen tension at 50% saturation	2.90	kPa	—	56
Oxygen content	7.2	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 18/07/21 19:45** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 18/07/21 19:45 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 19:46 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 18/7/2021 19:45  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	18/07/21 19:45

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 18/07/21 19:45, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 18/07/21 19:45 Order status: Completed  
 Filed by: Interface, Aqure Results In 18/07/21 19:45 Collected by: 18/07/21 19:45  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.531	—	H ^	56
Comment: Value above reference range				
Carbon Dioxide partial pressure	3.04	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	21.5	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.4	mmol/l	L v	56
Comment: Value below reference range				
Sodium	121	mmol/l	L v	56
Comment: Value below reference range				
Ionised Calcium	1.04	mmol/l	L v	56
Comment: Value below reference range				
Chloride	96	mmol/l	L v	56
Comment: Value below reference range				
Glucose	9.0	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	1.5	mmol/l	—	56
Total Haemoglobin	112	g/l	L v	56
Comment: Value below reference range				
Deoxyhaemoglobin	0.8	%	L v	56
Comment: Value below reference range				
Oxyhaemoglobin	98.6	%	—	56
Saturated Oxygen	99.2	%	H ^	56
Comment: Value above reference range				
Carboxyhaemoglobin	0.0	%	L v	56
Comment: Value below reference range				
Methaemoglobin	0.8	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	-3.6	mmol/l	—	56
Standard Bicarbonate	22.6	mmol/l	—	56
Haematocrit	34.4	%	—	56
Oxygen tension at 50% saturation	2.98	kPa	—	56
Oxygen content	7.1	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

56 - Unknown      AQUIRE      Unknown      Unknown      10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aquire Results In on 18/07/21 21:15**      Status: **Completed**  
 Ordering user: Interface, Aquire Results In 18/07/21 21:15      Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM      Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 21:16 - 1 occurrence      Class: Normal  
 Quantity: 1      Lab status: Final result  
 Instance released by: (auto-released) 18/7/2021 21:15  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	18/07/21 21:15

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 18/07/21 21:15, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 18/07/21 21:15      Order status: Completed  
 Filed by: Interface, Aquire Results In 18/07/21 21:15      Collected by: 18/07/21 21:15  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.385	—	—	56
Carbon Dioxide partial pressure	4.97	kPa	—	56
Oxygen partial pressure	18.8	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.5	mmol/l	—	56
Sodium	129	mmol/l	L v	56
Comment: Value below reference range				
Ionised Calcium	1.10	mmol/l	L v	56
Comment: Value below reference range				
Chloride	98	mmol/l	—	56
Glucose	8.4	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.7	mmol/l	—	56
Total Haemoglobin	128	g/l	—	56
Deoxyhaemoglobin	1.3	%	—	56
Oxyhaemoglobin	97.4	%	—	56
Saturated Oxygen	98.7	%	—	56
Carboxyhaemoglobin	0.3	%	L v	56
Comment: Value below reference range				
Methaemoglobin	1.0	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	-2.8	mmol/l	—	56
Standard Bicarbonate	22.4	mmol/l	—	56
Haematocrit	39.3	%	—	56
Oxygen tension at 50% saturation	3.57	kPa	—	56
Oxygen content	8.0	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT VENOUS BLOOD GAS (Final result)**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

Electronically signed by: **Interface, Aqure Results In on 18/07/21 21:22** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 18/07/21 21:22 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 21:23 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 18/7/2021 21:22  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	18/07/21 21:22

**POCT VENOUS BLOOD GAS (Abnormal)**

Resulted: 18/07/21 21:22, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 18/07/21 21:22 Order status: Completed  
 Filed by: Interface, Aqure Results In 18/07/21 21:22 Collected by: 18/07/21 21:22  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Venous	—	—	56
pH	7.359	—	—	56
Carbon Dioxide partial pressure	5.45	kPa	—	56
Oxygen partial pressure	7.48	kPa	L v	56
Comment: Value below reference range				
Potassium	3.7	mmol/l	—	56
Sodium	129	mmol/l	L v	56
Comment: Value below reference range				
Ionised Calcium	1.14	mmol/l	—	56
Chloride	97	mmol/l	L v	56
Comment: Value below reference range				
Glucose	8.4	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.8	mmol/l	—	56
Total Haemoglobin	129	g/l	—	56
Deoxyhaemoglobin	11.1	%	H ^	56
Comment: Value above reference range				
Oxyhaemoglobin	87.6	%	L v	56
Comment: Value below reference range				
Saturated Oxygen	88.8	%	—	56
Carboxyhaemoglobin	0.7	%	—	56
Methaemoglobin	0.6	%	—	56
Fraction of Inspired Oxygen	60.0	%	—	56
Standard Base Excess	-2.5	mmol/l	—	56
Standard Bicarbonate	22.3	mmol/l	—	56
Haematocrit	39.6	%	—	56
Oxygen tension at 50% saturation	3.56	kPa	—	56
Oxygen content	7.1	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**INR (Discontinued)**

Electronically signed by: **Raquel Soraia CASTRO RIBEIRO, RN on 18/07/21 23:29** Status: **Discontinued**  
 Ordering user: Raquel Soraia CASTRO RIBEIRO, RN 18/07/21 23:29 Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
 Authorised by: Christine GREGSON Ordering mode: Standard: no cosign required

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

Frequency: Urgent Once 18/07/21 23:29 - 1 occurrence  
Quantity: 1

Class: Lab Collect  
Instance released by: Raquel Soraia CASTRO RIBEIRO, RN  
(auto-released) 18/7/2021 23:29

Discontinued by: Interface, Winpath Lab Results In 19/07/21 00:24

**Questionnaire**

Question	Answer
Is patient anticoagulated?	No
Clinical Details:	Low GCS
Contact Details (Tel or Bleep)	70303

**Specimen Information**

ID	Type	Source	Collected By
23U238476	Blood	Blood	Raquel Soraia CASTRO RIBEIRO, RN 18/07/21 23:30

**Coagulation Screen (Without Fibrinogen) (Final result)**

Electronically signed by: **Raquel Soraia CASTRO RIBEIRO, RN on 18/07/21 23:29** Status: **Completed**

Ordering user: Raquel Soraia CASTRO RIBEIRO, RN 18/07/21 23:29  
Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN

Authorised by: Christine GREGSON

Ordering mode: Standard: no cosign required

Frequency: Urgent Once 18/07/21 23:29 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Final result

Instance released by: Raquel Soraia CASTRO RIBEIRO, RN (auto-released) 18/7/2021 23:29

**Questionnaire**

Question	Answer
Clinical Details:	Low GCS
Contact Details (Tel or Bleep)	70303

**Specimen Information**

ID	Type	Source	Collected By
23U238476	Blood	Blood	Raquel Soraia CASTRO RIBEIRO, RN 18/07/21 23:30

**Coagulation Screen (Without Fibrinogen)**

Resulted: 19/07/21 01:05, Result status: Final result

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
18/07/21 23:29

Order status: Completed

Filed by: Interface, Winpath Lab Results In 19/07/21 01:10

Collected by: Raquel Soraia CASTRO RIBEIRO, RN 18/07/21  
23:30

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Prothrombin Time	11.4	10.0 - 12.0 secs	—	Winpath
INR	1.04	—	—	Winpath
APTT	27	25 - 37 secs	—	Winpath
APTT Ratio	0.9	0.8 - 1.2	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Coagulation Screen (Without Fibrinogen)**

Resulted: 19/07/21 00:24, Result status: In process

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
18/07/21 23:29

Order status: Completed

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

Filed by: Interface, Winpath Lab Results In 19/07/21 00:24

Collected by: Raquel Soraia CASTRO RIBEIRO, RN 18/07/21 23:30

Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**D Dimer (Final result)**

Electronically signed by: **Raquel Soraia CASTRO RIBEIRO, RN on 18/07/21 23:29**

Status: **Completed**

Ordering user: Raquel Soraia CASTRO RIBEIRO, RN 18/07/21 23:29

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN

Authorised by: Christine GREGSON

Ordering mode: Standard: no cosign required

Frequency: Urgent Once 18/07/21 23:29 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Final result

Instance released by: Raquel Soraia CASTRO RIBEIRO, RN (auto-released) 18/7/2021 23:29

**Questionnaire**

Question	Answer
Clinical Details:	Low GCS
Contact Details (Tel or Bleep)	70303

**Specimen Information**

ID	Type	Source	Collected By
23U238476	Blood	Blood	Raquel Soraia CASTRO RIBEIRO, RN 18/07/21 23:30

**D Dimer (Abnormal)**

Resulted: 19/07/21 01:05, Result status: Final result

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN 18/07/21 23:29

Order status: Completed

Filed by: Interface, Winpath Lab Results In 19/07/21 01:10

Collected by: Raquel Soraia CASTRO RIBEIRO, RN 18/07/21 23:30

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
D-Dimer	1,050	0 - 550 ug/l FEU	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**D Dimer**

Resulted: 19/07/21 00:24, Result status: In process

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN 18/07/21 23:29

Order status: Completed

Filed by: Interface, Winpath Lab Results In 19/07/21 00:24

Collected by: Raquel Soraia CASTRO RIBEIRO, RN 18/07/21 23:30

Resulting lab: HSL WINPATH

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Fibrinogen (Final result)**

Electronically signed by: **Raquel Soraia CASTRO RIBEIRO, RN on 18/07/21 23:29** Status: **Completed**  
 Ordering user: Raquel Soraia CASTRO RIBEIRO, RN 18/07/21 23:29 Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
 Authorised by: Christine GREGSON Ordering mode: Standard: no cosign required  
 Frequency: Urgent Once 18/07/21 23:29 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Final result  
 Instance released by: Raquel Soraia CASTRO RIBEIRO, RN (auto-released) 18/7/2021 23:29

**Questionnaire**

Question	Answer
Clinical Details:	Low GCS
Contact Details (Tel or Bleep)	70303

**Specimen Information**

ID	Type	Source	Collected By
23U238476	Blood	Blood	Raquel Soraia CASTRO RIBEIRO, RN 18/07/21 23:30

**Fibrinogen**

Resulted: 19/07/21 01:05, Result status: Final result

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN 18/07/21 23:29 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 19/07/21 01:10 Collected by: Raquel Soraia CASTRO RIBEIRO, RN 18/07/21 23:30  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Fibrinogen	2.52	1.5 - 4.0 g/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Fibrinogen**

Resulted: 19/07/21 00:24, Result status: In process

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN 18/07/21 23:29 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 19/07/21 00:24 Collected by: Raquel Soraia CASTRO RIBEIRO, RN 18/07/21 23:30  
 Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 18/07/21 23:38** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 18/07/21 23:38 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 23:39 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 18/7/2021 23:38  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	18/07/21 23:38

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 18/07/21 23:38, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 18/07/21 23:38 Order status: Completed  
 Filed by: Interface, Aqure Results In 18/07/21 23:38 Collected by: 18/07/21 23:38  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.426	—	—	56
Carbon Dioxide partial pressure	4.25	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	19.4	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.9	mmol/l	—	56
Sodium	139	mmol/l	—	56
Ionised Calcium	1.12	mmol/l	—	56
Chloride	112	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	9.4	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.8	mmol/l	—	56
Total Haemoglobin	147	g/l	—	56
Deoxyhaemoglobin	1.5	%	—	56
Oxyhaemoglobin	96.7	%	—	56
Saturated Oxygen	98.5	%	—	56
Carboxyhaemoglobin	0.7	%	—	56
Methaemoglobin	1.1	%	—	56
Fraction of Inspired Oxygen	35.0	%	—	56
Standard Base Excess	-3.5	mmol/l	—	56
Standard Bicarbonate	22.3	mmol/l	—	56
Haematocrit	45.0	%	—	56
Oxygen tension at 50% saturation	3.30	kPa	—	56
Oxygen content	9.0	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Edited Result - FINAL)**

Electronically signed by: **Carla CABAL, RN on 18/07/21 23:44** Status: **Completed**  
 Ordering user: Carla CABAL, RN 18/07/21 23:44 Ordering clinician: Carla CABAL, RN

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

Authorised by: Christine GREGSON  
 Frequency: Urgent Once 18/07/21 23:44 - 1 occurrence  
 Quantity: 1  
 Instance released by: Carla CABAL, RN (auto-released) 18/7/2021 23:44

Ordering mode: Standard: no cosign required  
 Class: Lab Collect  
 Lab status: Edited Result - FINAL

**Questionnaire**

Question	Answer
Clinical Details:	T03
Contact Details (Tel or Bleep)	70303

**Specimen Information**

ID	Type	Source	Collected By
23U238491	Blood	Blood	Carla CABAL, RN 18/07/21 23:44

Resulted: 19/07/21 00:54, Result status: Edited  
 Result - FINAL

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Abnormal)**

Ordering clinician: Carla CABAL, RN 18/07/21 23:44  
 Filed by: Interface, Winpath Lab Results In 19/07/21 04:12  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Carla CABAL, RN 18/07/21 23:44

**Components**

Component	Value	Reference Range	Flag	Lab
Sodium	137	135 - 145 mmol/L	—	Winpath
Potassium	4.1	3.5 - 5.1 mmol/L	—	Winpath
Creatinine	50	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath
Comment: Units: mL/min/1.73sqm Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: <a href="http://www.renal.org/information-resources">www.renal.org/information-resources</a> Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.				
Bilirubin (total)	15	0 - 20 umol/L	—	Winpath
Alkaline phosphatase	49	35 - 104 IU/L	—	Winpath
Alanine transaminase	18	10 - 35 IU/L	—	Winpath
Albumin	47	34 - 50 g/L	—	Winpath
Calcium	2.27	2.20 - 2.60 mmol/L	—	Winpath
Calcium (albumin-adjusted)	2.24	2.20 - 2.60 mmol/L	—	Winpath
Phosphate	0.68	0.87 - 1.45 mmol/L	L v	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Abnormal)**

Resulted: 19/07/21 00:54, Result status: Final result

Ordering clinician: Carla CABAL, RN 18/07/21 23:44  
 Filed by: Interface, Winpath Lab Results In 19/07/21 00:56  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Carla CABAL, RN 18/07/21 23:44

**Components**

Component	Value	Reference Range	Flag	Lab
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

Sodium	137	135 - 145 mmol/L	—	Winpath
Potassium	4.1	3.5 - 5.1 mmol/L	—	Winpath
Creatinine	50	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath
Comment: Units: mL/min/1.73sqm Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: <a href="http://www.renal.org/information-resources">www.renal.org/information-resources</a> Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.				
Bilirubin (total)	15	0 - 20 umol/L	—	Winpath
Alkaline phosphatase	49	35 - 104 IU/L	—	Winpath
Alanine transaminase	18	10 - 35 IU/L	—	Winpath
Albumin	47	34 - 50 g/L	—	Winpath
Calcium	2.27	2.20 - 2.60 mmol/L	—	Winpath
Calcium (albumin-adjusted)	2.24	2.20 - 2.60 mmol/L	—	Winpath
Phosphate	0.68	0.87 - 1.45 mmol/L	L ▼	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles**

Resulted: 19/07/21 00:25, Result status: In process

Ordering clinician: Carla CABAL, RN 18/07/21 23:44  
Filed by: Interface, Winpath Lab Results In 19/07/21 00:25  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Carla CABAL, RN 18/07/21 23:44

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urea (Edited Result - FINAL)**

Electronically signed by: **Carla CABAL, RN on 18/07/21 23:44**  
Ordering user: Carla CABAL, RN 18/07/21 23:44  
Authorised by: Christine GREGSON  
Frequency: Routine Once 18/07/21 23:44 - 1 occurrence  
Quantity: 1  
Instance released by: Carla CABAL, RN (auto-released) 18/7/2021 23:44

Status: **Completed**

Ordering clinician: Carla CABAL, RN  
Ordering mode: Standard: no cosign required  
Class: Lab Collect  
Lab status: Edited Result - FINAL

**Questionnaire**

Question	Answer
Clinical Details:	T03
Contact Details (Tel or Bleep)	70303

**Specimen Information**

ID	Type	Source	Collected By
23U238491	Blood	Blood	Carla CABAL, RN 18/07/21 23:44

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

**Urea** Resulted: 19/07/21 00:54, Result status: Edited  
Result - FINAL

Ordering clinician: Carla CABAL, RN 18/07/21 23:44      Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 19/07/21 04:12      Collected by: Carla CABAL, RN 18/07/21 23:44  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Urea	2.9	1.7 - 8.3 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urea** Resulted: 19/07/21 00:54, Result status: Final result

Ordering clinician: Carla CABAL, RN 18/07/21 23:44      Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 19/07/21 00:56      Collected by: Carla CABAL, RN 18/07/21 23:44  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Urea	2.9	1.7 - 8.3 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urea** Resulted: 19/07/21 00:25, Result status: In process

Ordering clinician: Carla CABAL, RN 18/07/21 23:44      Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 19/07/21 00:25      Collected by: Carla CABAL, RN 18/07/21 23:44  
 Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Magnesium (Edited Result - FINAL)**

Electronically signed by: <b>Carla CABAL, RN on 18/07/21 23:44</b>	Status: <b>Completed</b>
Ordering user: Carla CABAL, RN 18/07/21 23:44	Ordering clinician: Carla CABAL, RN
Authorised by: Christine GREGSON	Ordering mode: Standard: no cosign required
Frequency: Routine Once 18/07/21 23:45 - 1 occurrence	Class: Lab Collect
Quantity: 1	Lab status: Edited Result - FINAL
Instance released by: Carla CABAL, RN (auto-released) 18/7/2021 23:44	

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

**Questionnaire**

Question	Answer
Clinical Details:	T03
Contact Details (Tel or Bleep)	70303

**Specimen Information**

ID	Type	Source	Collected By
23U238491	Blood	Blood	Carla CABAL, RN 18/07/21 23:44

Resulted: 19/07/21 00:54, Result status: Edited  
 Result - FINAL

**Magnesium (Abnormal)**

Ordering clinician: Carla CABAL, RN 18/07/21 23:44  
 Filed by: Interface, Winpath Lab Results In 19/07/21 04:12  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Carla CABAL, RN 18/07/21 23:44

**Components**

Component	Value	Reference Range	Flag	Lab
Magnesium	1.65	0.60 - 1.00 mmol/L	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Magnesium (Abnormal)**

Resulted: 19/07/21 00:54, Result status: Final result

Ordering clinician: Carla CABAL, RN 18/07/21 23:44  
 Filed by: Interface, Winpath Lab Results In 19/07/21 00:56  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Carla CABAL, RN 18/07/21 23:44

**Components**

Component	Value	Reference Range	Flag	Lab
Magnesium	1.65	0.60 - 1.00 mmol/L	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Magnesium**

Resulted: 19/07/21 00:25, Result status: In process

Ordering clinician: Carla CABAL, RN 18/07/21 23:44  
 Filed by: Interface, Winpath Lab Results In 19/07/21 00:25  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Carla CABAL, RN 18/07/21 23:44

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

London  
 W1T 4EU

**C-reactive protein (Edited Result - FINAL)**

Electronically signed by: **Carla CABAL, RN on 18/07/21 23:44**

Status: **Completed**

Ordering user: Carla CABAL, RN 18/07/21 23:44

Ordering clinician: Carla CABAL, RN

Authorised by: Christine GREGSON

Ordering mode: Standard: no cosign required

Frequency: Routine Once 18/07/21 23:45 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Edited Result - FINAL

Instance released by: Carla CABAL, RN (auto-released) 18/7/2021 23:44

**Questionnaire**

Question	Answer
Clinical Details:	T03
Contact Details (Tel or Bleep)	70303

**Specimen Information**

ID	Type	Source	Collected By
23U238491	Blood	Blood	Carla CABAL, RN 18/07/21 23:44

Resulted: 19/07/21 00:54, Result status: Edited Result - FINAL

**C-reactive protein**

Ordering clinician: Carla CABAL, RN 18/07/21 23:44

Order status: Completed

Filed by: Interface, Winpath Lab Results In 19/07/21 04:12

Collected by: Carla CABAL, RN 18/07/21 23:44

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
C-reactive protein	2.1	0 - 5.0 mg/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**C-reactive protein**

Resulted: 19/07/21 00:54, Result status: Final result

Ordering clinician: Carla CABAL, RN 18/07/21 23:44

Order status: Completed

Filed by: Interface, Winpath Lab Results In 19/07/21 00:56

Collected by: Carla CABAL, RN 18/07/21 23:44

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
C-reactive protein	2.1	0 - 5.0 mg/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**C-reactive protein**

Resulted: 19/07/21 00:25, Result status: In process

Ordering clinician: Carla CABAL, RN 18/07/21 23:44

Order status: Completed

Filed by: Interface, Winpath Lab Results In 19/07/21 00:25

Collected by: Carla CABAL, RN 18/07/21 23:44

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Osmolality (Final result)**

Status: **Completed**

Order placed as a reflex to Renal (Na, K, Creat), Liver (LFT) & Bone Profiles ordered on 18/07/21 at 23:44  
 Ordering user: Interface, Winpath Lab Results In 19/07/21 02:10  
 Authorised by: Christine GREGSON  
 Frequency: Urgent Once 19/07/21 02:10 - 1 occurrence  
 Quantity: 1  
 Instance released by: (auto-released) 19/7/2021 02:10

Ordering clinician: Carla CABAL, RN  
 Ordering mode: Standard  
 Class: Lab Collect  
 Lab status: Final result

**Specimen Information**

ID	Type	Source	Collected By
23U238491	—	Blood	18/07/21 23:44

**Osmolality (Abnormal)**

Resulted: 19/07/21 04:09, Result status: Final result

Ordering clinician: Carla CABAL, RN 19/07/21 02:10  
 Filed by: Interface, Winpath Lab Results In 19/07/21 04:12  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: 18/07/21 23:44

**Components**

Component	Value	Reference Range	Flag	Lab
Osmolality	298	285 - 295 mosmol/kg	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Osmolality**

Resulted: 19/07/21 02:10, Result status: In process

Ordering clinician: Carla CABAL, RN 19/07/21 02:10  
 Filed by: Interface, Winpath Lab Results In 19/07/21 02:10  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: 18/07/21 23:44

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**FBC and Differential (Final result)**

Electronically signed by: **Carla CABAL, RN on 18/07/21 23:49**  
 Ordering user: Carla CABAL, RN 18/07/21 23:49

Ordering clinician: Carla CABAL, RN

Status: **Completed**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

Authorised by: Christine GREGSON  
 Frequency: Urgent Once 18/07/21 23:49 - 1 occurrence  
 Quantity: 1  
 Instance released by: Carla CABAL, RN (auto-released) 18/7/2021 23:49

Ordering mode: Standard: no cosign required  
 Class: Lab Collect  
 Lab status: Final result

**Questionnaire**

Question	Answer
Clinical Details:	T03
Contact Details (Tel or Bleep)	70303

**Specimen Information**

ID	Type	Source	Collected By
23U238495	Blood	Blood	Carla CABAL, RN 18/07/21 23:49

**FBC and Differential (Abnormal)**

Resulted: 19/07/21 00:36, Result status: Final result

Ordering clinician: Carla CABAL, RN 18/07/21 23:49  
 Filed by: Interface, Winpath Lab Results In 19/07/21 00:54  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Carla CABAL, RN 18/07/21 23:49

**Components**

Component	Value	Reference Range	Flag	Lab
White cell count	23.04	3.0 - 10.0 x10 <sup>9</sup> /L	H ^	Winpath
Red cell count	4.52	3.95 - 5.15 x10 <sup>12</sup> /L	—	Winpath
Haemoglobin (g/L)	138	115 - 155 g/L	—	Winpath
HCT	0.378	0.33 - 0.45 L/L	—	Winpath
MCV	83.6	80 - 99 fL	—	Winpath
MCH	30.5	27.0 - 33.5 pg	—	Winpath
MCHC (g/L)	365	320 - 360 g/L	H ^	Winpath
RDW	11.1	11.5 - 15.0 %	L v	Winpath
Platelet count	258	150 - 400 x10 <sup>9</sup> /L	—	Winpath
MPV	8.9	7 - 13 fL	—	Winpath
Neutrophils	20.32	2.0 - 7.5 x10 <sup>9</sup> /L	H ^	Winpath
Lymphocytes	0.97	1.2 - 3.65 x10 <sup>9</sup> /L	L v	Winpath
Monocytes	1.73	0.2 - 1.0 x10 <sup>9</sup> /L	H ^	Winpath
Eosinophils	0.00	0.0 - 0.4 x10 <sup>9</sup> /L	—	Winpath
Basophils	0.02	0.0 - 0.1 x10 <sup>9</sup> /L	—	Winpath
XE Nucleated RBCs abs	0.00	0 - 0.01 x10 <sup>9</sup> /L	—	Winpath
XE Nucleated RBCs %	0.0	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**FBC and Differential**

Resulted: 19/07/21 00:24, Result status: In process

Ordering clinician: Carla CABAL, RN 18/07/21 23:49  
 Filed by: Interface, Winpath Lab Results In 19/07/21 00:24  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Carla CABAL, RN 18/07/21 23:49

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

W1T 4EU

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 19/07/21 01:43** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 19/07/21 01:43 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 19/07/21 01:44 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 19/7/2021 01:43  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	19/07/21 01:43

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 19/07/21 01:43, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 19/07/21 01:43 Order status: Completed  
 Filed by: Interface, Aqure Results In 19/07/21 01:43 Collected by: 19/07/21 01:43  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.336	—	L v	56
Comment: Value below reference range				
Carbon Dioxide partial pressure	5.52	kPa	—	56
Oxygen partial pressure	19.6	kPa	H ^	56
Comment: Value above reference range				
Potassium	4.4	mmol/l	—	56
Sodium	144	mmol/l	—	56
Ionised Calcium	1.18	mmol/l	—	56
Chloride	117	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	9.9	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.7	mmol/l	—	56
Total Haemoglobin	144	g/l	—	56
Deoxyhaemoglobin	1.6	%	—	56
Oxyhaemoglobin	96.5	%	—	56
Saturated Oxygen	98.4	%	—	56
Carboxyhaemoglobin	0.7	%	—	56
Methaemoglobin	1.2	%	—	56
Fraction of Inspired Oxygen	30.0	%	—	56
Standard Base Excess	-3.8	mmol/l	—	56
Standard Bicarbonate	21.4	mmol/l	—	56
Haematocrit	44.3	%	—	56
Oxygen tension at 50% saturation	3.68	kPa	—	56
Oxygen content	8.9	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**Urine Osmolality (Final result)**

Electronically signed by: **Raquel Soraia CASTRO RIBEIRO, RN on 19/07/21 01:52** Status: **Completed**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

Ordering user: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 01:52  
 Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
 Authorised by: Christine GREGSON  
 Ordering mode: Standard: no cosign required  
 Frequency: Urgent Once 19/07/21 01:52 - 1 occurrence  
 Class: Lab Collect  
 Quantity: 1  
 Lab status: Final result  
 Instance released by: Raquel Soraia CASTRO RIBEIRO, RN (auto-released) 19/7/2021 01:52

**Questionnaire**

Question	Answer
Clinical Details:	polyuric and raising sodium levels
Contact Details (Tel or Bleep)	70303

**Specimen Information**

ID	Type	Source	Collected By
23U238565	Urine	Urine	Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 01:52

**Urine Osmolality (Abnormal)**

Resulted: 19/07/21 09:32, Result status: Final result

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 01:52  
 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 19/07/21 10:02  
 Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 01:52  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Urine osmolality	93	300 - 900 mosmol/kg	L ▼	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urine Osmolality**

Resulted: 19/07/21 06:57, Result status: In process

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 01:52  
 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 19/07/21 06:57  
 Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 01:52  
 Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urine Sodium & Potassium (Edited Result - FINAL)**

Electronically signed by: **Raquel Soraia CASTRO RIBEIRO, RN on 19/07/21 01:52** Status: **Completed**  
 Ordering user: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 01:52  
 Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
 Authorised by: Christine GREGSON  
 Ordering mode: Standard: no cosign required  
 Frequency: Urgent Once 19/07/21 01:53 - 1 occurrence  
 Class: Lab Collect  
 Quantity: 1  
 Lab status: Edited Result - FINAL

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

Instance released by: Raquel Soraia CASTRO RIBEIRO, RN (auto-released) 19/7/2021 01:52

**Questionnaire**

Question	Answer
Clinical Details:	polyuric and raising sodium levels
Contact Details (Tel or Bleep)	70303

**Specimen Information**

ID	Type	Source	Collected By
23U238565	Urine	Urine	Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 01:52

Resulted: 19/07/21 07:40, Result status: Edited  
Result - FINAL

**Urine Sodium & Potassium**

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
19/07/21 01:52  
 Filed by: Interface, Winpath Lab Results In 19/07/21 10:02

Order status: Completed

Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21  
01:52

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Urine sodium	<20	mmol/L	—	Winpath
Urine potassium	5	mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 19/07/21 07:40, Result status: Edited  
Result - FINAL

**Urine Sodium & Potassium**

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
19/07/21 01:52  
 Filed by: Interface, Winpath Lab Results In 19/07/21 07:53

Order status: Completed

Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21  
01:52

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Urine sodium	<20	mmol/L	—	Winpath
Urine potassium	5	mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 19/07/21 07:40, Result status: Edited  
Result - FINAL

**Urine Sodium & Potassium**

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
19/07/21 01:52  
 Filed by: Interface, Winpath Lab Results In 19/07/21 07:41

Order status: Completed

Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

01:52

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Urine sodium	<20	mmol/L	—	Winpath
Urine potassium	5	mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urine Sodium & Potassium**

Resulted: 19/07/21 07:40, Result status: Final result

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
19/07/21 01:52

Order status: Completed

Filed by: Interface, Winpath Lab Results In 19/07/21 07:41

Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21  
01:52

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Urine sodium	<20	mmol/L	—	Winpath
Urine potassium	5	mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urine Sodium & Potassium**

Resulted: 19/07/21 06:57, Result status: In process

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
19/07/21 01:52

Order status: Completed

Filed by: Interface, Winpath Lab Results In 19/07/21 06:57

Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21  
01:52

Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Random Urine (Edited Result - FINAL)**

Electronically signed by: **Interface, Winpath Lab Results In on 19/07/21 06:57**

Status: **Completed**

Ordering user: Interface, Winpath Lab Results In 19/07/21 06:57

Ordering clinician: Provider Not In SYSTEM

Authorised by: Provider Not In SYSTEM

Ordering mode: Standard

Frequency: Routine Once 19/07/21 06:57 - 1 occurrence

Class: Normal

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

Quantity: 1  
 Instance released by: (auto-released) 19/7/2021 06:57  
 Order comments: Ordered by an unspecified clinician

Lab status: Edited Result - FINAL

**Specimen Information**

ID	Type	Source	Collected By
23U238565	—	Urine	19/07/21 01:52

Resulted: 19/07/21 07:51, Result status: Edited Result - FINAL

**Random Urine**

Ordering clinician: Provider Not In SYSTEM 19/07/21 06:57  
 Filed by: Interface, Winpath Lab Results In 19/07/21 10:02  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: 19/07/21 01:52

**Components**

Component	Value	Reference Range	Flag	Lab
Urine creatinine	403	umol/L	—	Winpath
Comment: Note dilute urine: results may be misleading				

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Random Urine**

Resulted: 19/07/21 07:51, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 19/07/21 06:57  
 Filed by: Interface, Winpath Lab Results In 19/07/21 07:53  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: 19/07/21 01:52

**Components**

Component	Value	Reference Range	Flag	Lab
Urine creatinine	403	umol/L	—	Winpath
Comment: Note dilute urine: results may be misleading				

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Random Urine**

Resulted: 19/07/21 06:57, Result status: In process

Ordering clinician: Provider Not In SYSTEM 19/07/21 06:57  
 Filed by: Interface, Winpath Lab Results In 19/07/21 06:57  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: 19/07/21 01:52

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 19/07/21 03:03** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 19/07/21 03:03 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 19/07/21 03:04 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 19/7/2021 03:03  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	19/07/21 03:03

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 19/07/21 03:03, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 19/07/21 03:03 Order status: Completed  
 Filed by: Interface, Aqure Results In 19/07/21 03:03 Collected by: 19/07/21 03:03  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.418	—	—	56
Carbon Dioxide partial pressure	4.45	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	17.3	kPa	H ^	56
Comment: Value above reference range				
Potassium	4.2	mmol/l	—	56
Sodium	148	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.21	mmol/l	—	56
Chloride	119	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	9.8	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	1.2	mmol/l	—	56
Total Haemoglobin	141	g/l	—	56
Deoxyhaemoglobin	1.3	%	—	56
Oxyhaemoglobin	97.3	%	—	56
Saturated Oxygen	98.7	%	—	56
Carboxyhaemoglobin	0.7	%	—	56
Methaemoglobin	0.7	%	—	56
Fraction of Inspired Oxygen	25.0	%	—	56
Standard Base Excess	-3.0	mmol/l	—	56
Standard Bicarbonate	22.6	mmol/l	—	56
Haematocrit	43.1	%	—	56
Oxygen tension at 50% saturation	3.43	kPa	—	56
Oxygen content	8.7	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**FBC and Differential (Final result)**

Electronically signed by: **Raquel Soraia CASTRO RIBEIRO, RN on 19/07/21 06:09** Status: **Completed**  
 Ordering user: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

06:09

Authorised by: Christine GREGSON

Frequency: Urgent Once 19/07/21 06:08 - 1 occurrence

Quantity: 1

Instance released by: Raquel Soraia CASTRO RIBEIRO, RN (auto-released) 19/7/2021 06:09

Ordering mode: Standard: no cosign required

Class: Lab Collect

Lab status: Final result

**Questionnaire**

Question	Answer
Clinical Details:	Low GCS
Contact Details (Tel or Bleep)	70303

**Specimen Information**

ID	Type	Source	Collected By
23U238888	Blood	Blood	Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 06:10

**FBC and Differential (Abnormal)**

Resulted: 19/07/21 06:48, Result status: Final result

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
19/07/21 06:09

Order status: Completed

Filed by: Interface, Winpath Lab Results In 19/07/21 06:49

Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21  
06:10

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
White cell count	18.51	3.0 - 10.0 x10 <sup>9</sup> /L	H ^	Winpath
Red cell count	4.15	3.95 - 5.15 x10 <sup>12</sup> /L	—	Winpath
Haemoglobin (g/L)	128	115 - 155 g/L	—	Winpath
HCT	0.360	0.33 - 0.45 L/L	—	Winpath
MCV	86.7	80 - 99 fL	—	Winpath
MCH	30.8	27.0 - 33.5 pg	—	Winpath
MCHC (g/L)	356	320 - 360 g/L	—	Winpath
RDW	11.4	11.5 - 15.0 %	L v	Winpath
Platelet count	237	150 - 400 x10 <sup>9</sup> /L	—	Winpath
MPV	9.2	7 - 13 fL	—	Winpath
Neutrophils	17.03	2.0 - 7.5 x10 <sup>9</sup> /L	H ^	Winpath
Lymphocytes	0.37	1.2 - 3.65 x10 <sup>9</sup> /L	L v	Winpath
Monocytes	1.07	0.2 - 1.0 x10 <sup>9</sup> /L	H ^	Winpath
Eosinophils	0.00	0.0 - 0.4 x10 <sup>9</sup> /L	—	Winpath
Basophils	0.04	0.0 - 0.1 x10 <sup>9</sup> /L	—	Winpath
XE Nucleated RBCs abs	0.00	0 - 0.01 x10 <sup>9</sup> /L	—	Winpath
XE Nucleated RBCs %	0.0	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**FBC and Differential**

Resulted: 19/07/21 06:36, Result status: In process

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
19/07/21 06:09

Order status: Completed

Filed by: Interface, Winpath Lab Results In 19/07/21 06:36

Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21  
06:10

Resulting lab: HSL WINPATH

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Edited Result - FINAL)**

Electronically signed by: **Raquel Soraia CASTRO RIBEIRO, RN on 19/07/21 06:09** Status: **Completed**  
 Ordering user: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 06:09 Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
 Authorised by: Christine GREGSON Ordering mode: Standard: no cosign required  
 Frequency: Urgent Once 19/07/21 06:10 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Edited Result - FINAL  
 Instance released by: Raquel Soraia CASTRO RIBEIRO, RN (auto-released) 19/7/2021 06:09

**Questionnaire**

Question	Answer
Clinical Details:	Low GCS
Contact Details (Tel or Bleep)	70303

**Specimen Information**

ID	Type	Source	Collected By
23U238889	Blood	Blood	Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 06:10

Resulted: 19/07/21 07:22, Result status: Edited  
 Result - FINAL

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Abnormal)**

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 06:09 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 19/07/21 10:17 Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 06:10  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Sodium	153	135 - 145 mmol/L	H ^	Winpath
Potassium	3.3	3.5 - 5.1 mmol/L	L v	Winpath
Creatinine	54	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath
Comment: Units: mL/min/1.73sqm Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: <a href="http://www.renal.org/information-resources">www.renal.org/information-resources</a> Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.				
Bilirubin (total)	6	0 - 20 umol/L	—	Winpath
Alkaline phosphatase	41	35 - 104 IU/L	—	Winpath
Alanine transaminase	19	10 - 35 IU/L	—	Winpath
Albumin	42	34 - 50 g/L	—	Winpath
Calcium	2.41	2.20 - 2.60 mmol/L	—	Winpath
Calcium (albumin-adjusted)	2.48	2.20 - 2.60 mmol/L	—	Winpath
Phosphate	0.21	0.87 - 1.45 mmol/L	L v	Winpath

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Abnormal)**

Resulted: 19/07/21 07:22, Result status: Final result

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
19/07/21 06:09

Order status: Completed

Filed by: Interface, Winpath Lab Results In 19/07/21 07:23

Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21  
06:10

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Sodium	153	135 - 145 mmol/L	H ^	Winpath
Potassium	3.3	3.5 - 5.1 mmol/L	L v	Winpath
Creatinine	54	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath
Comment: Units: mL/min/1.73sqm Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: <a href="http://www.renal.org/information-resources">www.renal.org/information-resources</a> Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.				
Bilirubin (total)	6	0 - 20 umol/L	—	Winpath
Alkaline phosphatase	41	35 - 104 IU/L	—	Winpath
Alanine transaminase	19	10 - 35 IU/L	—	Winpath
Albumin	42	34 - 50 g/L	—	Winpath
Calcium	2.41	2.20 - 2.60 mmol/L	—	Winpath
Calcium (albumin-adjusted)	2.48	2.20 - 2.60 mmol/L	—	Winpath
Phosphate	0.21	0.87 - 1.45 mmol/L	L v	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Abnormal)**

Resulted: 19/07/21 07:11, Result status: Preliminary result

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
19/07/21 06:09

Order status: Completed

Filed by: Interface, Winpath Lab Results In 19/07/21 07:17

Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21  
06:10

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Sodium	153	135 - 145 mmol/L	H ^	Winpath
Potassium	3.3	3.5 - 5.1 mmol/L	L v	Winpath

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

Creatinine	54	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath
Comment: Units: mL/min/1.73sqm Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: <a href="http://www.renal.org/information-resources">www.renal.org/information-resources</a> Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.				
Bilirubin (total)	6	0 - 20 umol/L	—	Winpath
Alkaline phosphatase	41	35 - 104 IU/L	—	Winpath
Alanine transaminase	19	10 - 35 IU/L	—	Winpath
Albumin	42	34 - 50 g/L	—	Winpath
Calcium	2.41	2.20 - 2.60 mmol/L	—	Winpath
Calcium (albumin-adjusted)	2.48	2.20 - 2.60 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 19/07/21 07:05, Result status: Preliminary result

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Abnormal)**

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
19/07/21 06:09

Order status: Completed

Filed by: Interface, Winpath Lab Results In 19/07/21 07:07

Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 06:10

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Potassium	3.3	3.5 - 5.1 mmol/L	L ▾	Winpath
Creatinine	54	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath
Comment: Units: mL/min/1.73sqm Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: <a href="http://www.renal.org/information-resources">www.renal.org/information-resources</a> Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.				
Bilirubin (total)	6	0 - 20 umol/L	—	Winpath
Alkaline phosphatase	41	35 - 104 IU/L	—	Winpath
Alanine transaminase	19	10 - 35 IU/L	—	Winpath
Albumin	42	34 - 50 g/L	—	Winpath
Calcium	2.41	2.20 - 2.60 mmol/L	—	Winpath
Calcium (albumin-adjusted)	2.48	2.20 - 2.60 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

**16 - Winpath** HSL WINPATH Unknown 60 Whitfield St, 18/04/18 15:51 - Present  
Fitzrovia  
London  
W1T 4EU

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles**

Resulted: 19/07/21 06:36, Result status: In process

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
19/07/21 06:09  
Filed by: Interface, Winpath Lab Results In 19/07/21 06:36  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21  
06:10

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Magnesium (Edited Result - FINAL)**

Electronically signed by: **Raquel Soraia CASTRO RIBEIRO, RN on 19/07/21 06:09** Status: **Completed**  
Ordering user: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 06:09 Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
Authorised by: Christine GREGSON Ordering mode: Standard: no cosign required  
Frequency: Urgent Once 19/07/21 06:10 - 1 occurrence Class: Lab Collect  
Quantity: 1 Lab status: Edited Result - FINAL  
Instance released by: Raquel Soraia CASTRO RIBEIRO, RN (auto-released) 19/7/2021 06:09

**Questionnaire**

Question	Answer
Clinical Details:	Low GCS
Contact Details (Tel or Bleep)	70303

**Specimen Information**

ID	Type	Source	Collected By
23U238889	Blood	Blood	Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 06:10

Resulted: 19/07/21 07:11, Result status: Edited  
Result - FINAL

**Magnesium (Abnormal)**

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
19/07/21 06:09  
Filed by: Interface, Winpath Lab Results In 19/07/21 10:17  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21  
06:10

**Components**

Component	Value	Reference Range	Flag	Lab
Magnesium	1.15	0.60 - 1.00 mmol/L	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

Resulted: 19/07/21 07:11, Result status: Edited  
Result - FINAL

**Magnesium (Abnormal)**

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
19/07/21 06:09

Order status: Completed

Filed by: Interface, Winpath Lab Results In 19/07/21 07:23

Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21  
06:10

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Magnesium	1.15	0.60 - 1.00 mmol/L	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 19/07/21 07:11, Result status: Edited  
Result - FINAL

**Magnesium (Abnormal)**

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
19/07/21 06:09

Order status: Completed

Filed by: Interface, Winpath Lab Results In 19/07/21 07:17

Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21  
06:10

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Magnesium	1.15	0.60 - 1.00 mmol/L	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 19/07/21 07:05, Result status: Final result

**Magnesium (Abnormal)**

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
19/07/21 06:09

Order status: Completed

Filed by: Interface, Winpath Lab Results In 19/07/21 07:07

Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21  
06:10

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Magnesium	1.15	0.60 - 1.00 mmol/L	H ^	Winpath

**Testing Performed By**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Magnesium**

Resulted: 19/07/21 06:36, Result status: In process

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
19/07/21 06:09

Order status: Completed

Filed by: Interface, Winpath Lab Results In 19/07/21 06:36

Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21  
06:10

Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**C-reactive protein (Edited Result - FINAL)**

Electronically signed by: Raquel Soraia CASTRO RIBEIRO, RN on 19/07/21 06:09

Status: **Completed**

Ordering user: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21  
06:09

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN

Authorised by: Christine GREGSON

Ordering mode: Standard: no cosign required

Frequency: Urgent Once 19/07/21 06:10 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Edited Result - FINAL

Instance released by: Raquel Soraia CASTRO RIBEIRO, RN (auto-released) 19/7/2021 06:09

**Questionnaire**

Question	Answer
Clinical Details:	Low GCS
Contact Details (Tel or Bleep)	70303

**Specimen Information**

ID	Type	Source	Collected By
23U238889	Blood	Blood	Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 06:10

Resulted: 19/07/21 07:05, Result status: Edited  
Result - FINAL

**C-reactive protein**

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
19/07/21 06:09

Order status: Completed

Filed by: Interface, Winpath Lab Results In 19/07/21 10:17

Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21  
06:10

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
C-reactive protein	4.8	0 - 5.0 mg/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

Resulted: 19/07/21 07:05, Result status: Edited  
 Result - FINAL

**C-reactive protein**

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
 19/07/21 06:09  
 Filed by: Interface, Winpath Lab Results In 19/07/21 07:23  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21  
 06:10

**Components**

Component	Value	Reference Range	Flag	Lab
C-reactive protein	4.8	0 - 5.0 mg/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 19/07/21 07:05, Result status: Edited  
 Result - FINAL

**C-reactive protein**

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
 19/07/21 06:09  
 Filed by: Interface, Winpath Lab Results In 19/07/21 07:17  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21  
 06:10

**Components**

Component	Value	Reference Range	Flag	Lab
C-reactive protein	4.8	0 - 5.0 mg/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 19/07/21 07:05, Result status: Final result

**C-reactive protein**

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
 19/07/21 06:09  
 Filed by: Interface, Winpath Lab Results In 19/07/21 07:07  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21  
 06:10

**Components**

Component	Value	Reference Range	Flag	Lab
C-reactive protein	4.8	0 - 5.0 mg/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

Fitzrovia  
 London  
 W1T 4EU

**C-reactive protein**

Resulted: 19/07/21 06:36, Result status: In process

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
 19/07/21 06:09  
 Filed by: Interface, Winpath Lab Results In 19/07/21 06:36  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21  
 06:10

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urea (Edited Result - FINAL)**

Electronically signed by: Raquel Soraia CASTRO RIBEIRO, RN on 19/07/21 06:09 Status: **Completed**  
 Ordering user: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 06:09 Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
 Authorised by: Christine GREGSON Ordering mode: Standard: no cosign required  
 Frequency: Urgent Once 19/07/21 06:10 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Edited Result - FINAL  
 Instance released by: Raquel Soraia CASTRO RIBEIRO, RN (auto-released) 19/7/2021 06:09

**Questionnaire**

Question	Answer
Clinical Details:	Low GCS
Contact Details (Tel or Bleep)	70303

**Specimen Information**

ID	Type	Source	Collected By
23U238889	Blood	Blood	Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 06:10

**Urea**

Resulted: 19/07/21 07:11, Result status: Edited  
 Result - FINAL

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
 19/07/21 06:09  
 Filed by: Interface, Winpath Lab Results In 19/07/21 10:17  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21  
 06:10

**Components**

Component	Value	Reference Range	Flag	Lab
Urea	3.0	1.7 - 8.3 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urea**

Resulted: 19/07/21 07:11, Result status: Edited  
 Result - FINAL

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
 19/07/21 06:09  
 Filed by: Interface, Winpath Lab Results In 19/07/21 07:23

Order status: Completed

Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 06:10

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Urea	3.0	1.7 - 8.3 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 19/07/21 07:11, Result status: Edited  
 Result - FINAL

**Urea**

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
 19/07/21 06:09  
 Filed by: Interface, Winpath Lab Results In 19/07/21 07:17

Order status: Completed

Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 06:10

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Urea	3.0	1.7 - 8.3 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urea**

Resulted: 19/07/21 07:05, Result status: Final result

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
 19/07/21 06:09  
 Filed by: Interface, Winpath Lab Results In 19/07/21 07:07

Order status: Completed

Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 06:10

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Urea	3.0	1.7 - 8.3 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

**Urea**

Resulted: 19/07/21 06:36, Result status: In process

Ordering clinician: Raquel Soraia CASTRO RIBEIRO, RN  
19/07/21 06:09  
Filed by: Interface, Winpath Lab Results In 19/07/21 06:36  
  
Resulting lab: HSL WINPATH

Order status: Completed  
  
Collected by: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21  
06:10

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 19/07/21 06:20** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 19/07/21 06:20 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 19/07/21 06:21 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 19/7/2021 06:20  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	19/07/21 06:20

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 19/07/21 06:20, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 19/07/21 06:20 Order status: Completed  
 Filed by: Interface, Aqure Results In 19/07/21 06:20 Collected by: 19/07/21 06:20  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.442	—	—	56
Carbon Dioxide partial pressure	4.51	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	14.9	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.3	mmol/l	L v	56
Comment: Value below reference range				
Sodium	154	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.24	mmol/l	—	56
Chloride	127	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	8.9	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.9	mmol/l	—	56
Total Haemoglobin	138	g/l	—	56
Deoxyhaemoglobin	2.4	%	—	56
Oxyhaemoglobin	96.1	%	—	56
Saturated Oxygen	97.6	%	—	56
Carboxyhaemoglobin	0.5	%	—	56
Methaemoglobin	1.0	%	—	56

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

Fraction of Inspired Oxygen	25.0	%	—	56
Standard Base Excess	-1.1	mmol/l	—	56
Standard Bicarbonate	24.0	mmol/l	—	56
Haematocrit	42.1	%	—	56
Oxygen tension at 50% saturation	3.21	kPa	—	56
Oxygen content	8.4	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 19/07/21 07:20** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 19/07/21 07:20 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 19/07/21 07:21 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 19/7/2021 07:21  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	19/07/21 07:20

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 19/07/21 07:20, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 19/07/21 07:20 Order status: Completed  
 Filed by: Interface, Aqure Results In 19/07/21 07:21 Collected by: 19/07/21 07:20  
 Resulting lab: AQURE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.438	—	—	56
Carbon Dioxide partial pressure	4.65	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	14.4	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.9	mmol/l	—	56
Sodium	157	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.23	mmol/l	—	56
Chloride	127	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	10.0	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.7	mmol/l	—	56
Total Haemoglobin	131	g/l	—	56
Deoxyhaemoglobin	1.9	%	—	56
Oxyhaemoglobin	96.6	%	—	56
Saturated Oxygen	98.1	%	—	56
Carboxyhaemoglobin	0.7	%	—	56
Methaemoglobin	0.8	%	—	56
Fraction of Inspired Oxygen	25.0	%	—	56
Standard Base Excess	-0.7	mmol/l	—	56
Standard Bicarbonate	24.2	mmol/l	—	56
Haematocrit	40.1	%	—	56

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

Oxygen tension at 50% saturation	3.37	kPa	—	56
Oxygen content	8.0	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 19/07/21 10:07** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 19/07/21 10:07 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 19/07/21 10:08 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 19/7/2021 10:07  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	19/07/21 10:07

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 19/07/21 10:07, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 19/07/21 10:07 Order status: Completed  
 Filed by: Interface, Aqure Results In 19/07/21 10:07 Collected by: 19/07/21 10:07  
 Resulting lab: AQURE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.477	—	H ^	56
Comment: Value above reference range				
Carbon Dioxide partial pressure	4.20	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	14.8	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.8	mmol/l	—	56
Sodium	154	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.16	mmol/l	—	56
Chloride	127	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	11.1	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.8	mmol/l	—	56
Total Haemoglobin	133	g/l	—	56
Deoxyhaemoglobin	2.0	%	—	56
Oxyhaemoglobin	96.5	%	—	56
Saturated Oxygen	98.0	%	—	56
Carboxyhaemoglobin	0.5	%	—	56
Methaemoglobin	1.0	%	—	56
Fraction of Inspired Oxygen	25.0	%	—	56
Standard Base Excess	-0.3	mmol/l	—	56
Standard Bicarbonate	24.8	mmol/l	—	56
Haematocrit	40.6	%	—	56
Oxygen tension at 50% saturation	3.11	kPa	—	56
Oxygen content	8.1	mmol/l	—	56

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Darryl Ionee SANTOS on 19/07/21 13:15** Status: **Completed**  
 Ordering user: Darryl Ionee SANTOS 19/07/21 13:15 Authorised by: Historical PROVIDER  
 Ordering mode: Standard  
 Frequency: Routine 19/07/21 - Class: Historical  
 Quantity: 1 Lab status: Final result  
 Order comments: This is an external result entered through the Results Console.

**POCT ARTERIAL BLOOD GAS**

Resulted: 19/07/21 12:54, Result status: Final result

Order status: Completed

Filed by: Darryl Ionee SANTOS 19/07/21 13:15

**Components**

Component	Value	Reference Range	Flag	Lab
pH	7.372	—	—	—
Carbon Dioxide partial pressure	5.99	—	—	—
Oxygen partial pressure	13.4	—	—	—
Total Haemoglobin	128	—	—	—
Saturated Oxygen	97.8	—	—	—
Oxyhaemoglobin	96.5	—	—	—
Carboxyhaemoglobin	0.2	—	—	—
Methaemoglobin	1.1	—	—	—
Deoxyhaemoglobin	2.2	—	—	—
Chloride	124	—	—	—
Potassium	3.8	—	—	—
Glucose	7.5	—	—	—
Sodium	156	—	—	—
Ionised Calcium	1.16	—	—	—
Lactate	0.7	—	—	—
Haematocrit	39.2	—	—	—
Standard Base Excess	0.8	—	—	—
Standard Bicarbonate	24.8	—	—	—
Oxygen tension at 50% saturation	3.64	—	—	—
Oxygen content	17.5	—	—	—
Fraction of Inspired Oxygen	25	—	—	—
Source	Arterial	—	—	—

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 19/07/21 12:54** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 19/07/21 12:54 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 19/07/21 12:55 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 20/7/2021 09:48  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	19/07/21 12:54

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 19/07/21 12:54, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 19/07/21 12:54 Order status: Completed  
 Filed by: Interface, Aqure Results In 20/07/21 09:48 Collected by: 19/07/21 12:54  
 Resulting lab: AQURE

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

Narrative:

Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.372	—	—	56
Carbon Dioxide partial pressure	5.99	kPa	—	56
Oxygen partial pressure	13.4	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.8	mmol/l	—	56
Sodium	156	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.16	mmol/l	—	56
Chloride	124	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	7.5	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.7	mmol/l	—	56
Total Haemoglobin	128	g/l	—	56
Deoxyhaemoglobin	2.2	%	—	56
Oxyhaemoglobin	96.5	%	—	56
Saturated Oxygen	97.8	%	—	56
Carboxyhaemoglobin	0.2	%	L v	56
Comment: Value below reference range				
Methaemoglobin	1.1	%	—	56
Fraction of Inspired Oxygen	25.0	%	—	56
Standard Base Excess	0.8	mmol/l	—	56
Standard Bicarbonate	24.8	mmol/l	—	56
Haematocrit	39.2	%	—	56
Oxygen tension at 50% saturation	3.64	kPa	—	56
Oxygen content	7.8	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Melania ABELENDA CASTRO, RN on 19/07/21 15:15** Status: **Completed**

Ordering user: Melania ABELENDA CASTRO, RN 19/07/21 15:15 Authorised by: Historical PROVIDER

Ordering mode: Standard

Frequency: Routine 19/07/21 -

Quantity: 1

Order comments: This is an external result entered through the Results Console.

**POCT ARTERIAL BLOOD GAS**

Resulted: 19/07/21 14:45, Result status: Final result

Order status: Completed

Filed by: Melania ABELENDA CASTRO, RN 19/07/21 15:15

**Components**

Component	Value	Reference Range	Flag	Lab
pH	7.446	—	—	—
Carbon Dioxide partial pressure	4.93	—	—	—
Oxygen partial pressure	15.7	—	—	—
Total Haemoglobin	125	—	—	—
Saturated Oxygen	98.5	—	—	—
Oxyhaemoglobin	97.7	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

Carboxyhaemoglobin	0.0	—	—	—
Methaemoglobin	0.8	—	—	—
Deoxyhaemoglobin	1.5	—	—	—
Chloride	125	—	—	—
Potassium	4.6	—	—	—
Glucose	6.8	—	—	—
Sodium	154	—	—	—
Ionised Calcium	1.14	—	—	—
Lactate	1.0	—	—	—
Haematocrit	38.3	—	—	—
Standard Base Excess	1.4	—	—	—
Standard Bicarbonate	25.8	—	—	—
Oxygen tension at 50% saturation	3.29	—	—	—
Oxygen content	17.4	—	—	—
Fraction of Inspired Oxygen	25	—	—	—
Source	Arterial	—	—	—

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 19/07/21 14:45**

Status: **Completed**

Ordering user: Interface, Aqure Results In 19/07/21 14:45

Ordering clinician: Provider Not In SYSTEM

Authorised by: Provider Not In SYSTEM

Ordering mode: Standard

Frequency: Routine Once 19/07/21 14:46 - 1 occurrence

Class: Normal

Quantity: 1

Lab status: Final result

Instance released by: (auto-released) 20/7/2021 09:48

Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	19/07/21 14:45

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 19/07/21 14:45, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 19/07/21 14:45

Order status: Completed

Filed by: Interface, Aqure Results In 20/07/21 09:48

Collected by: 19/07/21 14:45

Resulting lab: AQUIRE

Narrative:

Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.446	—	—	56
Carbon Dioxide partial pressure	4.93	kPa	—	56
Oxygen partial pressure	15.7	kPa	H ^	56
Comment: Value above reference range				
Potassium	4.6	mmol/l	H ^	56
Comment: Value above reference range				
Sodium	154	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.14	mmol/l	—	56
Chloride	125	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	6.8	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	1.0	mmol/l	—	56
Total Haemoglobin	125	g/l	—	56
Deoxyhaemoglobin	1.5	%	—	56
Oxyhaemoglobin	97.7	%	—	56
Saturated Oxygen	98.5	%	—	56
Carboxyhaemoglobin	0.0	%	L v	56

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

Comment: Value below reference range

Methaemoglobin	0.8	%	—	56
Fraction of Inspired Oxygen	25.0	%	—	56
Standard Base Excess	1.4	mmol/l	—	56
Standard Bicarbonate	25.8	mmol/l	—	56
Haematocrit	38.3	%	—	56
Oxygen tension at 50% saturation	3.29	kPa	—	56
Oxygen content	7.7	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Edited Result - FINAL)**

Electronically signed by: **Darryl Ionee SANTOS on 19/07/21 14:51** Status: **Completed**  
 Ordering user: Darryl Ionee SANTOS 19/07/21 14:51 Ordering clinician: Darryl Ionee SANTOS  
 Authorised by: Christine GREGSON Ordering mode: Standard: no cosign required  
 Frequency: Routine Once 19/07/21 14:52 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Edited Result - FINAL  
 Instance released by: Darryl Ionee SANTOS (auto-released) 19/7/2021 14:51

**Questionnaire**

Question	Answer
Clinical Details:	itu patient
Contact Details (Tel or Bleep)	70303

**Specimen Information**

ID	Type	Source	Collected By
23U243460	Blood	Blood	Darryl Ionee SANTOS 19/07/21 14:52

Resulted: 19/07/21 17:03, Result status: Edited Result - FINAL

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Abnormal)**

Ordering clinician: Darryl Ionee SANTOS 19/07/21 14:51 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 20/07/21 10:09 Collected by: Darryl Ionee SANTOS 19/07/21 14:52  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Sodium	153	135 - 145 mmol/L	H ^	Winpath
Potassium	4.9	3.5 - 5.1 mmol/L	—	Winpath
Creatinine	61	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath
Comment: Units: mL/min/1.73sqm Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: <a href="http://www.renal.org/information-resources">www.renal.org/information-resources</a> Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.				
Bilirubin (total)	4	0 - 20 umol/L	—	Winpath
Alkaline phosphatase	40	35 - 104 IU/L	—	Winpath
Alanine transaminase	19	10 - 35 IU/L	—	Winpath
Albumin	39	34 - 50 g/L	—	Winpath
Calcium	2.11	2.20 - 2.60 mmol/L	L v	Winpath
Calcium (albumin-adjusted)	2.24	2.20 - 2.60 mmol/L	—	Winpath
Phosphate	0.54	0.87 - 1.45	L v	Winpath

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

mmol/L

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Abnormal)**

Resulted: 19/07/21 17:03, Result status: Final result

Ordering clinician: Darryl Ionee SANTOS 19/07/21 14:51  
 Filed by: Interface, Winpath Lab Results In 19/07/21 17:07  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Darryl Ionee SANTOS 19/07/21 14:52

**Components**

Component	Value	Reference Range	Flag	Lab
Sodium	153	135 - 145 mmol/L	H ^	Winpath
Potassium	4.9	3.5 - 5.1 mmol/L	—	Winpath
Creatinine	61	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath
Comment: Units: mL/min/1.73sqm Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: <a href="http://www.renal.org/information-resources">www.renal.org/information-resources</a> Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.				
Bilirubin (total)	4	0 - 20 umol/L	—	Winpath
Alkaline phosphatase	40	35 - 104 IU/L	—	Winpath
Alanine transaminase	19	10 - 35 IU/L	—	Winpath
Albumin	39	34 - 50 g/L	—	Winpath
Calcium	2.11	2.20 - 2.60 mmol/L	L v	Winpath
Calcium (albumin-adjusted)	2.24	2.20 - 2.60 mmol/L	—	Winpath
Phosphate	0.54	0.87 - 1.45 mmol/L	L v	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Abnormal)**

Resulted: 19/07/21 16:45, Result status: Preliminary result

Ordering clinician: Darryl Ionee SANTOS 19/07/21 14:51  
 Filed by: Interface, Winpath Lab Results In 19/07/21 16:46  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Darryl Ionee SANTOS 19/07/21 14:52

**Components**

Component	Value	Reference Range	Flag	Lab
Potassium	4.9	3.5 - 5.1 mmol/L	—	Winpath
Creatinine	61	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

Comment:

Units: mL/min/1.73sqm

Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD

guidelines: [www.renal.org/information-resources](http://www.renal.org/information-resources)

Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.

Bilirubin (total)	4	0 - 20 umol/L	—	Winpath
Alkaline phosphatase	40	35 - 104 IU/L	—	Winpath
Alanine transaminase	19	10 - 35 IU/L	—	Winpath
Albumin	39	34 - 50 g/L	—	Winpath
Calcium	2.11	2.20 - 2.60 mmol/L	L ▼	Winpath
Calcium (albumin-adjusted)	2.24	2.20 - 2.60 mmol/L	—	Winpath
Phosphate	0.54	0.87 - 1.45 mmol/L	L ▼	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles**

Resulted: 19/07/21 15:29, Result status: In process

Ordering clinician: Darryl Ionee SANTOS 19/07/21 14:51  
Filed by: Interface, Winpath Lab Results In 19/07/21 15:29  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Darryl Ionee SANTOS 19/07/21 14:52

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urea (Edited Result - FINAL)**

Electronically signed by: **Darryl Ionee SANTOS on 19/07/21 14:51**

Status: **Completed**

Ordering user: Darryl Ionee SANTOS 19/07/21 14:51

Ordering clinician: Darryl Ionee SANTOS

Authorised by: Christine GREGSON

Ordering mode: Standard: no cosign required

Frequency: Routine Once 19/07/21 14:52 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Edited Result - FINAL

Instance released by: Darryl Ionee SANTOS (auto-released) 19/7/2021 14:51

**Questionnaire**

Question	Answer
Clinical Details:	itu patient
Contact Details (Tel or Bleep)	70303

**Specimen Information**

ID	Type	Source	Collected By
23U243460	Blood	Blood	Darryl Ionee SANTOS 19/07/21 14:52

Resulted: 19/07/21 17:03, Result status: Edited Result - FINAL

**Urea**

Ordering clinician: Darryl Ionee SANTOS 19/07/21 14:51

Order status: Completed

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

Filed by: Interface, Winpath Lab Results In 20/07/21 10:09  
Resulting lab: HSL WINPATH

Collected by: Darryl Ionee SANTOS 19/07/21 14:52

**Components**

Component	Value	Reference Range	Flag	Lab
Urea	3.2	1.7 - 8.3 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 19/07/21 17:03, Result status: Edited  
Result - FINAL

**Urea**

Ordering clinician: Darryl Ionee SANTOS 19/07/21 14:51  
Filed by: Interface, Winpath Lab Results In 19/07/21 17:07  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Darryl Ionee SANTOS 19/07/21 14:52

**Components**

Component	Value	Reference Range	Flag	Lab
Urea	3.2	1.7 - 8.3 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urea**

Resulted: 19/07/21 16:45, Result status: Final result

Ordering clinician: Darryl Ionee SANTOS 19/07/21 14:51  
Filed by: Interface, Winpath Lab Results In 19/07/21 16:46  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Darryl Ionee SANTOS 19/07/21 14:52

**Components**

Component	Value	Reference Range	Flag	Lab
Urea	3.2	1.7 - 8.3 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urea**

Resulted: 19/07/21 15:29, Result status: In process

Ordering clinician: Darryl Ionee SANTOS 19/07/21 14:51  
Filed by: Interface, Winpath Lab Results In 19/07/21 15:29  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Darryl Ionee SANTOS 19/07/21 14:52

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Phosphate (Edited Result - FINAL)**

Electronically signed by: **Darryl Ionee SANTOS on 19/07/21 14:51** Status: **Completed**  
 Ordering user: Darryl Ionee SANTOS 19/07/21 14:51 Ordering clinician: Darryl Ionee SANTOS  
 Authorised by: Christine GREGSON Ordering mode: Standard: no cosign required  
 Frequency: Routine Once 19/07/21 14:52 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Edited Result - FINAL  
 Instance released by: Darryl Ionee SANTOS (auto-released) 19/7/2021 14:51

**Questionnaire**

Question	Answer
Clinical Details:	itu patient
Contact Details (Tel or Bleep)	70303

**Specimen Information**

ID	Type	Source	Collected By
23U243460	Blood	Blood	Darryl Ionee SANTOS 19/07/21 14:52

Resulted: 19/07/21 17:03, Result status: Edited Result - FINAL

**Phosphate (Abnormal)**

Ordering clinician: Darryl Ionee SANTOS 19/07/21 14:51 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 20/07/21 10:09 Collected by: Darryl Ionee SANTOS 19/07/21 14:52  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Phosphate	0.54	0.87 - 1.45 mmol/L	L v	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 19/07/21 17:03, Result status: Edited Result - FINAL

**Phosphate (Abnormal)**

Ordering clinician: Darryl Ionee SANTOS 19/07/21 14:51 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 19/07/21 17:07 Collected by: Darryl Ionee SANTOS 19/07/21 14:52  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Phosphate	0.54	0.87 - 1.45 mmol/L	L v	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

**16 - Winpath** HSL WINPATH Unknown 60 Whitfield St, 18/04/18 15:51 - Present  
 Fitzrovia  
 London  
 W1T 4EU

**Phosphate (Abnormal)**

Resulted: 19/07/21 16:45, Result status: Final result

Ordering clinician: Darryl Ionee SANTOS 19/07/21 14:51 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 19/07/21 16:46 Collected by: Darryl Ionee SANTOS 19/07/21 14:52  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Phosphate	0.54	0.87 - 1.45 mmol/L	L ▼	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Phosphate**

Resulted: 19/07/21 15:29, Result status: In process

Ordering clinician: Darryl Ionee SANTOS 19/07/21 14:51 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 19/07/21 15:29 Collected by: Darryl Ionee SANTOS 19/07/21 14:52  
 Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Magnesium (Edited Result - FINAL)**

Electronically signed by: **Darryl Ionee SANTOS on 19/07/21 14:51** Status: **Completed**  
 Ordering user: Darryl Ionee SANTOS 19/07/21 14:51 Ordering clinician: Darryl Ionee SANTOS  
 Authorised by: Christine GREGSON Ordering mode: Standard: no cosign required  
 Frequency: Routine Once 19/07/21 14:52 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Edited Result - FINAL  
 Instance released by: Darryl Ionee SANTOS (auto-released) 19/7/2021 14:51

**Questionnaire**

Question	Answer
Clinical Details:	itu patient
Contact Details (Tel or Bleep)	70303

**Specimen Information**

ID	Type	Source	Collected By
23U243460	Blood	Blood	Darryl Ionee SANTOS 19/07/21 14:52

**Magnesium**

Resulted: 19/07/21 17:03, Result status: Edited Result - FINAL

Ordering clinician: Darryl Ionee SANTOS 19/07/21 14:51 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 20/07/21 10:09 Collected by: Darryl Ionee SANTOS 19/07/21 14:52  
 Resulting lab: HSL WINPATH

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

**Components**

Component	Value	Reference Range	Flag	Lab
Magnesium	0.96	0.60 - 1.00 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Magnesium**

Resulted: 19/07/21 17:03, Result status: Edited  
 Result - FINAL

Ordering clinician: Darryl Ionee SANTOS 19/07/21 14:51  
 Filed by: Interface, Winpath Lab Results In 19/07/21 17:07  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Darryl Ionee SANTOS 19/07/21 14:52

**Components**

Component	Value	Reference Range	Flag	Lab
Magnesium	0.96	0.60 - 1.00 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Magnesium**

Resulted: 19/07/21 16:45, Result status: Final result

Ordering clinician: Darryl Ionee SANTOS 19/07/21 14:51  
 Filed by: Interface, Winpath Lab Results In 19/07/21 16:46  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Darryl Ionee SANTOS 19/07/21 14:52

**Components**

Component	Value	Reference Range	Flag	Lab
Magnesium	0.96	0.60 - 1.00 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Magnesium**

Resulted: 19/07/21 15:29, Result status: In process

Ordering clinician: Darryl Ionee SANTOS 19/07/21 14:51  
 Filed by: Interface, Winpath Lab Results In 19/07/21 15:29  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Darryl Ionee SANTOS 19/07/21 14:52

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Darryl Ionee SANTOS on 19/07/21 19:08** Status: **Completed**  
 Ordering user: Darryl Ionee SANTOS 19/07/21 19:08 Authorised by: Historical PROVIDER  
 Ordering mode: Standard Class: Historical  
 Frequency: Routine 19/07/21 - Lab status: Final result  
 Quantity: 1  
 Order comments: This is an external result entered through the Results Console.

**POCT ARTERIAL BLOOD GAS**

Resulted: 19/07/21 17:11, Result status: Final result

Order status: Completed

Filed by: Darryl Ionee SANTOS 19/07/21 19:08

**Components**

Component	Value	Reference Range	Flag	Lab
pH	7.402	—	—	—
Carbon Dioxide partial pressure	5.65	—	—	—
Oxygen partial pressure	12.2	—	—	—
Total Haemoglobin	123	—	—	—
Saturated Oxygen	97.5	—	—	—
Oxyhaemoglobin	96.7	—	—	—
Carboxyhaemoglobin	0.1	—	—	—
Methaemoglobin	0.7	—	—	—
Deoxyhaemoglobin	2.5	—	—	—
Chloride	122	—	—	—
Potassium	3.8	—	—	—
Glucose	8	—	—	—
Sodium	153	—	—	—
Ionised Calcium	1.15	—	—	—
Lactate	0.6	—	—	—
Haematocrit	37.7	—	—	—
Standard Base Excess	1.6	—	—	—
Standard Bicarbonate	25.6	—	—	—
Oxygen tension at 50% saturation	3.5	—	—	—
Oxygen content	16.9	—	—	—
Fraction of Inspired Oxygen	21	—	—	—
Source	Arterial	—	—	—

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 19/07/21 17:11** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 19/07/21 17:11 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 19/07/21 17:12 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 20/7/2021 09:48  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	19/07/21 17:11

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 19/07/21 17:11, Result status: Final result

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 2 of 5) (continued)**

Ordering clinician: Provider Not In SYSTEM 19/07/21 17:11  
 Filed by: Interface, Aqure Results In 20/07/21 09:48  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

Order status: Completed  
 Collected by: 19/07/21 17:11

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.402	—	—	56
Carbon Dioxide partial pressure	5.65	kPa	—	56
Oxygen partial pressure	12.2	kPa	—	56
Potassium	3.8	mmol/l	—	56
Sodium	153	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.15	mmol/l	—	56
Chloride	122	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	8.0	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.6	mmol/l	—	56
Total Haemoglobin	123	g/l	—	56
Deoxyhaemoglobin	2.5	%	—	56
Oxyhaemoglobin	96.7	%	—	56
Saturated Oxygen	97.5	%	—	56
Carboxyhaemoglobin	0.1	%	L v	56
Comment: Value below reference range				
Methaemoglobin	0.7	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	1.6	mmol/l	—	56
Standard Bicarbonate	25.6	mmol/l	—	56
Haematocrit	37.7	%	—	56
Oxygen tension at 50% saturation	3.50	kPa	—	56
Oxygen content	7.5	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5)**

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Darryl Ionee SANTOS on 19/07/21 19:11** Status: **Completed**  
 Ordering user: Darryl Ionee SANTOS 19/07/21 19:11 Authorised by: Historical PROVIDER  
 Ordering mode: Standard Class: Historical  
 Frequency: Routine 19/07/21 - Lab status: Final result  
 Quantity: 1  
 Order comments: This is an external result entered through the Results Console.

**POCT ARTERIAL BLOOD GAS**

Resulted: 19/07/21 19:02, Result status: Final result

Order status: Completed

Filed by: Darryl Ionee SANTOS 19/07/21 19:11

**Components**

Component	Value	Reference Range	Flag	Lab
pH	7.365	—	—	—
Carbon Dioxide partial pressure	6.11	—	—	—
Oxygen partial pressure	15.9	—	—	—
Total Haemoglobin	125	—	—	—
Saturated Oxygen	98.5	—	—	—
Oxyhaemoglobin	97.7	—	—	—
Carboxyhaemoglobin	0	—	—	—
Methaemoglobin	0.8	—	—	—
Deoxyhaemoglobin	1.5	—	—	—
Chloride	123	—	—	—
Potassium	4.6	—	—	—
Glucose	6.2	—	—	—
Sodium	153	—	—	—
Ionised Calcium	1.16	—	—	—
Lactate	1.1	—	—	—
Haematocrit	38.3	—	—	—
Standard Base Excess	0.8	—	—	—
Standard Bicarbonate	24.8	—	—	—
Oxygen tension at 50% saturation	3.66	—	—	—
Oxygen content	17.3	—	—	—
Fraction of Inspired Oxygen	25	—	—	—
Source	Arterial	—	—	—

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 19/07/21 19:02** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 19/07/21 19:02 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 19/07/21 19:03 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 20/7/2021 09:48  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	19/07/21 19:02

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 19/07/21 19:02, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 19/07/21 19:02 Order status: Completed  
 Filed by: Interface, Aqure Results In 20/07/21 09:48 Collected by: 19/07/21 19:02  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Source	Arterial	—	—	56
pH	7.365	—	—	56
Carbon Dioxide partial pressure	6.11	kPa	H ^	56
Comment: Value above reference range				
Oxygen partial pressure	15.9	kPa	H ^	56
Comment: Value above reference range				
Potassium	4.6	mmol/l	H ^	56
Comment: Value above reference range				
Sodium	153	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.16	mmol/l	—	56
Chloride	123	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	6.2	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	1.1	mmol/l	—	56
Total Haemoglobin	125	g/l	—	56
Deoxyhaemoglobin	1.5	%	—	56
Oxyhaemoglobin	97.7	%	—	56
Saturated Oxygen	98.5	%	—	56
Carboxyhaemoglobin	0.0	%	L v	56
Comment: Value below reference range				
Methaemoglobin	0.8	%	—	56
Fraction of Inspired Oxygen	26.0	%	—	56
Standard Base Excess	0.8	mmol/l	—	56
Standard Bicarbonate	24.8	mmol/l	—	56
Haematocrit	38.3	%	—	56
Oxygen tension at 50% saturation	3.66	kPa	—	56
Oxygen content	7.7	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**Neuronal Antibodies (Paraneoplastic Screen) (NEUR code) (Final result)**

Electronically signed by: Livia GOTTARDI on 19/07/21 19:40

Status: **Completed**

Ordering user: Livia GOTTARDI 19/07/21 19:40

Ordering clinician: Livia GOTTARDI

Authorised by: Christine GREGSON

Ordering mode: Standard

Frequency: Routine Once 19/07/21 19:29 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Final result

Instance released by: Livia GOTTARDI (auto-released) 19/7/2021 19:40

**Questionnaire**

Question	Answer
Clinical Details:	ICU patient - severe acute onset cerebral oedema, catastrophic event with unknown etiology. previously fit and well. awaiting MRI to investigate ?venous sinus thrombosis. Possible unknown exposure to toxins.
Contact Details (Tel or Bleep)	70300

**Specimen Information**

ID	Type	Source	Collected By
20J033401	Blood	Blood	Melania ABELENDIA CASTRO, RN 19/07/21 21:09

**Neuronal Antibodies (Paraneoplastic Screen) (NEUR code) (Abnormal)** Resulted: 20/07/21 12:46, Result status: Final result

Ordering clinician: Livia GOTTARDI 19/07/21 19:40

Order status: Completed

Filed by: Interface, Winpath Lab Results In 20/07/21 16:41

Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Purkinje cells	Cancelled - Duplicate request	—	A †	Winpath
Other Cerebellar cells	Cancelled - Duplicate request	—	A †	Winpath
Laboratory comment	Cancelled - Duplicate request	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Neuronal Antibodies (Paraneoplastic Screen) (NEUR code)**

Resulted: 20/07/21 00:23, Result status: In process

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
 Filed by: Interface, Winpath Lab Results In 20/07/21 00:23

Order status: Completed  
 Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Anti-LGI1 and Anti-CASPR2 (VKCA Complex Antibodies) (VKCA code) (Edited Result - FINAL)**

Electronically signed by: Livia GOTTARDI on 19/07/21 19:40

Status: **Completed**

Ordering user: Livia GOTTARDI 19/07/21 19:40  
 Authorised by: Christine GREGSON  
 Frequency: Routine Once 19/07/21 19:31 - 1 occurrence  
 Quantity: 1

Ordering clinician: Livia GOTTARDI  
 Ordering mode: Standard  
 Class: Lab Collect  
 Lab status: Edited Result - FINAL

Instance released by: Livia GOTTARDI (auto-released) 19/7/2021 19:40

**Questionnaire**

Question	Answer
Clinical Details:	ICU patient - severe acute onset cerebral oedema, catastrophic event with unknown etiology. previously fit and well. awaiting MRI to investigate ?venous sinus thrombosis. Possible unknown exposure to toxins.
Contact Details (Tel or Bleep)	70300

**Specimen Information**

ID	Type	Source	Collected By
20J033402	Blood	Blood	Melania ABELENDIA CASTRO, RN 19/07/21 21:09

**Anti-LGI1 and Anti-CASPR2 (VKCA Complex Antibodies) (VKCA code)**

Resulted: 23/07/21 14:35, Result status: Edited Result - FINAL

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
 Filed by: Interface, Winpath Lab Results In 30/07/21 16:15

Order status: Completed  
 Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulting lab: HSL WINPATH  
 Acknowledged by  
 Tim CUTFIELD on 30/07/21 17:05  
 Nicoletta GASTON on 17/08/21 15:21

**Components**

Component	Value	Reference Range	Flag	Lab
CASPR2 Antibodies	Negative	—	—	Winpath
LGi1 Antibodies	Negative	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 23/07/21 14:35, Result status: Edited  
 Result - FINAL

**Anti-LGi1 and Anti-CASPR2 (VKCA Complex Antibodies) (VKCA code)**

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
 Filed by: Interface, Winpath Lab Results In 28/07/21 17:16

Order status: Completed  
 Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulting lab: HSL WINPATH  
 Acknowledged by: Tim CUTFIELD on 29/07/21 12:37

**Components**

Component	Value	Reference Range	Flag	Lab
CASPR2 Antibodies	Negative	—	—	Winpath
LGi1 Antibodies	Negative	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Anti-LGi1 and Anti-CASPR2 (VKCA Complex Antibodies) (VKCA code)**

Resulted: 23/07/21 14:35, Result status: Final result

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
 Filed by: Interface, Winpath Lab Results In 23/07/21 15:50

Order status: Completed  
 Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulting lab: HSL WINPATH  
 Acknowledged by: Tim CUTFIELD on 27/07/21 17:08

**Components**

Component	Value	Reference Range	Flag	Lab
CASPR2 Antibodies	Negative	—	—	Winpath
LGi1 Antibodies	Negative	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

<b>16 - Winpath</b>	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present
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**Anti-LGI1 and Anti-CASPR2 (VKCA Complex Antibodies) (VKCA code)** Resulted: 20/07/21 00:22, Result status: In process

Ordering clinician: Livia GOTTARDI 19/07/21 19:40	Order status: Completed
Filed by: Interface, Winpath Lab Results In 20/07/21 00:23	Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09
Resulting lab: HSL WINPATH	

**Reviewed by**

Nicoletta GASTON on 17/08/21 15:21  
Tim CUTFIELD on 30/07/21 17:05  
Tim CUTFIELD on 29/07/21 16:34  
Tim CUTFIELD on 29/07/21 12:37  
Tim CUTFIELD on 27/07/21 17:08

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**All Reviewers List**

Nicoletta GASTON on 17/8/2021 15:21  
Tim CUTFIELD on 30/7/2021 17:05  
Tim CUTFIELD on 29/7/2021 16:34  
Tim CUTFIELD on 29/7/2021 12:37  
Tim CUTFIELD on 27/7/2021 17:08

**VG Calcium Channel Antibodies (Final result)**

Electronically signed by: Livia GOTTARDI on 19/07/21 19:40	Status: <b>Completed</b>
Ordering user: Livia GOTTARDI 19/07/21 19:40	Ordering clinician: Livia GOTTARDI
Authorised by: Christine GREGSON	Ordering mode: Standard
Frequency: Routine Once 19/07/21 19:31 - 1 occurrence	Class: Lab Collect
Quantity: 1	Lab status: Final result
Instance released by: Livia GOTTARDI (auto-released) 19/7/2021 19:40	

**Questionnaire**

Question	Answer
Clinical Details:	ICU patient - severe acute onset cerebral oedema, catastrophic event with unknown etiology. previously fit and well. awaiting MRI to investigate ?venous sinus thrombosis. Possible unknown exposure to toxins.
Contact Details (Tel or Bleep)	70300

**Specimen Information**

ID	Type	Source	Collected By
23U244718	Blood	Blood	Melania ABELENDIA CASTRO, RN 19/07/21 21:09

**VG Calcium Channel Antibodies (Abnormal)** Resulted: 17/08/21 11:49, Result status: Final result

Ordering clinician: Livia GOTTARDI 19/07/21 19:40	Order status: Completed
Filed by: Interface, Winpath Lab Results In 17/08/21 13:29	Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09
Resulting lab: HSL WINPATH	
Acknowledged by: Nicoletta GASTON on 17/08/21 15:20	

**Components**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Component	Value	Reference Range	Flag	Lab
Tested by:	Immunology Laboratory, Churchill Hospital, Oxford	—	—	Winpath
Anti-VGCC antibodies	—	—	A †	Winpath
Result	Negative	pM	—	Winpath
Comment	Churchill Hospital	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**VG Calcium Channel Antibodies**

Resulted: 13/08/21 11:36, Result status: Preliminary result

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
 Filed by: Interface, Winpath Lab Results In 14/08/21 13:45

Order status: Completed  
 Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulting lab: HSL WINPATH  
 Acknowledged by: Amir JEHANGIR on 16/08/21 16:44

**Components**

Component	Value	Reference Range	Flag	Lab
Tested by:	Immunology Laboratory, Churchill Hospital, Oxford	—	—	Winpath
Result	Negative	pM	—	Winpath
Comment	Churchill Hospital	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**VG Calcium Channel Antibodies**

Resulted: 19/07/21 23:45, Result status: Preliminary result

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
 Filed by: Interface, Winpath Lab Results In 20/07/21 15:32

Order status: Completed  
 Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Tested by:	Immunology Laboratory, Churchill	—	—	Winpath

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Hospital,  
Oxford

**Reviewed by**

Nicoletta GASTON on 17/08/21 15:20  
 Amir JEHANGIR on 16/08/21 16:44

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 19/07/21 23:45, Result status: Preliminary result

**VG Calcium Channel Antibodies**

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
 Filed by: Interface, Winpath Lab Results In 19/07/21 23:46

Order status: Completed  
 Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Tested by:	Immunology Laboratory, Churchill Hospital, Oxford	—	—	Winpath

**Reviewed by**

Nicoletta GASTON on 17/08/21 15:20  
 Amir JEHANGIR on 16/08/21 16:44

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 19/07/21 23:45, Result status: In process

**VG Calcium Channel Antibodies**

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
 Filed by: Interface, Winpath Lab Results In 19/07/21 23:45

Order status: Completed  
 Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulting lab: HSL WINPATH

**Reviewed by**

Nicoletta GASTON on 17/08/21 15:20  
 Amir JEHANGIR on 16/08/21 16:44

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

**All Reviewers List**

Nicoletta GASTON on 17/8/2021 15:20  
 Amir JEHANGIR on 16/8/2021 16:44

**Lyme Serology (Edited Result - FINAL)**

Electronically signed by: **Livia GOTTARDI on 19/07/21 19:40** Status: **Completed**  
 Ordering user: Livia GOTTARDI 19/07/21 19:40 Ordering clinician: Livia GOTTARDI  
 Authorised by: Christine GREGSON Ordering mode: Standard  
 Frequency: Routine Once 19/07/21 19:31 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Edited Result - FINAL  
 Instance released by: Livia GOTTARDI (auto-released) 19/7/2021 19:40

**Questionnaire**

Question	Answer
Clinical Details:	ICU patient - severe acute onset cerebral oedema, catastrophic event with unknown etiology. previously fit and well. awaiting MRI to investigate ?venous sinus thrombosis. Possible unknown exposure to toxins.
Contact Details (Tel or Bleep)	70300

**Specimen Information**

ID	Type	Source	Collected By
23U244719	Blood	Blood	Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulted: 21/07/21 14:13, Result status: Edited Result - FINAL

**Lyme Serology**

Ordering clinician: Livia GOTTARDI 19/07/21 19:40 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 29/07/21 15:11 Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09  
 Resulting lab: HSL WINPATH  
 Acknowledged by  
 Tim CUTFIELD on 29/07/21 16:34  
 Nicoletta GASTON on 17/08/21 15:21

**Components**

Component	Value	Reference Range	Flag	Lab
LYME ANTIBODY SCREEN	REPORT	—	—	Winpath
Borrelia IgG antibodies	NOT detected	—	—	Winpath
Borrelia IgM antibodies	NOT detected	—	—	Winpath
Comment	--	—	—	Winpath

Result:  
 Antibody tests may be negative for some weeks after infection has occurred.  
 Please re-test 8 weeks post Tick-bite.

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Lyme Serology**

Resulted: 21/07/21 14:13, Result status: Final result

Ordering clinician: Livia GOTTARDI 19/07/21 19:40 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 21/07/21 14:15 Collected by: Melania ABELENDIA CASTRO, RN 19/07/21

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

21:09

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
LYME ANTIBODY SCREEN	REPORT	—	—	Winpath
Borrelia IgG antibodies	NOT detected	—	—	Winpath
Borrelia IgM antibodies	NOT detected	—	—	Winpath
Comment	--	—	—	Winpath
Result: Antibody tests may be negative for some weeks after infection has occurred. Please re-test 8 weeks post Tick-bite.				

**Reviewed by**

Nicoletta GASTON on 17/08/21 15:21  
 Tim CUTFIELD on 30/07/21 17:05  
 Tim CUTFIELD on 29/07/21 16:34

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Lyme Serology**

Resulted: 20/07/21 19:11, Result status: In process

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
 Filed by: Interface, Winpath Lab Results In 20/07/21 19:11

Order status: Completed  
 Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulting lab: HSL WINPATH

**Reviewed by**

Nicoletta GASTON on 17/08/21 15:21  
 Tim CUTFIELD on 30/07/21 17:05  
 Tim CUTFIELD on 29/07/21 16:34

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**All Reviewers List**

Nicoletta GASTON on 17/8/2021 15:21  
 Tim CUTFIELD on 30/7/2021 17:05  
 Tim CUTFIELD on 29/7/2021 16:34

**Borrelia Blood Film (Final result)**

Electronically signed by: **Livia GOTTARDI on 19/07/21 19:40**  
 Ordering user: Livia GOTTARDI 19/07/21 19:40  
 Authorised by: Christine GREGSON  
 Frequency: Routine Once 19/07/21 19:32 - 1 occurrence  
 Quantity: 1

Status: **Completed**

Ordering clinician: Livia GOTTARDI  
 Ordering mode: Standard  
 Class: Lab Collect  
 Lab status: Final result

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Instance released by: Livia GOTTARDI (auto-released) 19/7/2021 19:40

**Questionnaire**

Question	Answer
Recent foreign travel - countries visited (select a maximum of 4)	United Kingdom
Clinical Details:	ICU patient - severe acute onset cerebral oedema, catastrophic event with unknown etiology. previously fit and well. awaiting MRI to investigate ?venous sinus thrombosis. Possible unknown exposure to toxins.
Contact Details (Tel or Bleep)	70300

**Specimen Information**

ID	Type	Source	Collected By
20V337779	Blood	Blood - EDTA	Melania ABELENDIA CASTRO, RN 19/07/21 21:09

**Borrelia Blood Film**

Resulted: 20/07/21 11:28, Result status: Final result

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
Filed by: Interface, Winpath Lab Results In 20/07/21 11:30

Order status: Completed  
Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Result	Borrelia organisms NOT seen	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Borrelia Blood Film**

Resulted: 20/07/21 10:20, Result status: In process

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
Filed by: Interface, Winpath Lab Results In 20/07/21 10:20

Order status: Completed  
Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**NMDA Receptor Antibody (NMDA code) (Edited Result - FINAL)**

Electronically signed by: Livia GOTTARDI on 19/07/21 19:40

Status: **Completed**

Ordering user: Livia GOTTARDI 19/07/21 19:40

Authorised by: Christine GREGSON

Frequency: Routine Once 19/07/21 19:32 - 1 occurrence

Quantity: 1

Instance released by: Livia GOTTARDI (auto-released) 19/7/2021 19:40

Ordering clinician: Livia GOTTARDI

Ordering mode: Standard

Class: Lab Collect

Lab status: Edited Result - FINAL

**Questionnaire**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Question	Answer
Clinical Details:	ICU patient - severe acute onset cerebral oedema, catastrophic event with unknown etiology. previously fit and well. awaiting MRI to investigate ?venous sinus thrombosis. Possible unknown exposure to toxins.
Contact Details (Tel or Bleep)	70300

**Specimen Information**

ID	Type	Source	Collected By
20J033402	Blood	Blood	Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulted: 21/07/21 14:23, Result status: Edited  
 Result - FINAL

**NMDA Receptor Antibody (NMDA code)**

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
 Filed by: Interface, Winpath Lab Results In 30/07/21 16:15

Order status: Completed  
 Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulting lab: HSL WINPATH  
 Acknowledged by  
 Tim CUTFIELD on 30/07/21 17:05  
 Nicoletta GASTON on 17/08/21 15:21

**Components**

Component	Value	Reference Range	Flag	Lab
Serum NMDA Receptor antibodies	Negative	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 21/07/21 14:23, Result status: Edited  
 Result - FINAL

**NMDA Receptor Antibody (NMDA code)**

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
 Filed by: Interface, Winpath Lab Results In 28/07/21 17:16

Order status: Completed  
 Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulting lab: HSL WINPATH  
 Acknowledged by: Tim CUTFIELD on 29/07/21 12:37

**Components**

Component	Value	Reference Range	Flag	Lab
Serum NMDA Receptor antibodies	Negative	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 21/07/21 14:23, Result status: Edited  
 Result - FINAL

**NMDA Receptor Antibody (NMDA code)**

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
 Filed by: Interface, Winpath Lab Results In 23/07/21 15:50

Order status: Completed  
 Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Resulting lab: HSL WINPATH  
Acknowledged by: Tim CUTFIELD on 27/07/21 17:08

**Components**

Component	Value	Reference Range	Flag	Lab
Serum NMDA Receptor antibodies	Negative	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**NMDA Receptor Antibody (NMDA code)**

Resulted: 21/07/21 14:23, Result status: Final result

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
Filed by: Interface, Winpath Lab Results In 21/07/21 17:44

Order status: Completed  
Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Serum NMDA Receptor antibodies	Negative	—	—	Winpath

**Reviewed by**

Nicoletta GASTON on 17/08/21 15:21  
Tim CUTFIELD on 30/07/21 17:05  
Tim CUTFIELD on 29/07/21 16:34  
Tim CUTFIELD on 29/07/21 12:37  
Tim CUTFIELD on 27/07/21 17:08

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**NMDA Receptor Antibody (NMDA code)**

Resulted: 20/07/21 00:22, Result status: In process

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
Filed by: Interface, Winpath Lab Results In 20/07/21 00:23

Order status: Completed  
Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulting lab: HSL WINPATH

**Reviewed by**

Nicoletta GASTON on 17/08/21 15:21  
Tim CUTFIELD on 30/07/21 17:05  
Tim CUTFIELD on 29/07/21 16:34  
Tim CUTFIELD on 29/07/21 12:37  
Tim CUTFIELD on 27/07/21 17:08

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St,	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Fitzrovia  
 London  
 W1T 4EU

**All Reviewers List**

Nicoletta GASTON on 17/8/2021 15:21  
 Tim CUTFIELD on 30/7/2021 17:05  
 Tim CUTFIELD on 29/7/2021 16:34  
 Tim CUTFIELD on 29/7/2021 12:37  
 Tim CUTFIELD on 27/7/2021 17:08

**Glutamic Acid Decarboxylase Antibodies (GAD code) (Final result)**

Electronically signed by: **Livia GOTTARDI on 19/07/21 19:40** Status: **Completed**  
 Ordering user: Livia GOTTARDI 19/07/21 19:40 Ordering clinician: Livia GOTTARDI  
 Authorised by: Christine GREGSON Ordering mode: Standard  
 Frequency: Routine Once 19/07/21 19:32 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Final result  
 Instance released by: Livia GOTTARDI (auto-released) 19/7/2021 19:40

**Questionnaire**

Question	Answer
Clinical Details:	ICU patient - severe acute onset cerebral oedema, catastrophic event with unknown etiology. previously fit and well. awaiting MRI to investigate ?venous sinus thrombosis. Possible unknown exposure to toxins.
Contact Details (Tel or Bleep)	70300

**Specimen Information**

ID	Type	Source	Collected By
20J033402	Blood	Blood	Melania ABELENDIA CASTRO, RN 19/07/21 21:09

**Glutamic Acid Decarboxylase Antibodies (GAD code)**

Resulted: 28/07/21 17:19, Result status: Final result

Ordering clinician: Livia GOTTARDI 19/07/21 19:40 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 30/07/21 16:15 Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09  
 Resulting lab: HSL WINPATH  
 Acknowledged by: Tim CUTFIELD on 30/07/21 17:06

**Components**

Component	Value	Reference Range	Flag	Lab
Anti-GAD Result:	Negative	—	—	Winpath
Serum Anti-GAD Titre:	<5	0 - 10 IU/mL	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Glutamic Acid Decarboxylase Antibodies (GAD code)**

Resulted: 20/07/21 00:22, Result status: In process

Ordering clinician: Livia GOTTARDI 19/07/21 19:40 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 20/07/21 00:23 Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09  
 Resulting lab: HSL WINPATH

**Reviewed by**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Tim CUTFIELD on 30/07/21 17:06

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**All Reviewers List**

Tim CUTFIELD on 30/7/2021 17:06

**Toxicology Screen (Discontinued)**

Electronically signed by: **Livia GOTTARDI on 19/07/21 19:40**

Status: **Discontinued**

Ordering user: Livia GOTTARDI 19/07/21 19:40

Ordering clinician: Livia GOTTARDI

Authorised by: Christine GREGSON

Ordering mode: Standard

Frequency: Routine Once 19/07/21 19:32 - 1 occurrence

Class: Lab Collect

Quantity: 1

Instance released by: Livia GOTTARDI (auto-released) 19/7/2021 19:40

Discontinued by: Interface, Winpath Lab Results In 20/07/21 00:16

**Questionnaire**

Question	Answer
Toxicology screen drugs:	Other - Specify in Comments Gamma-hydroxybutyrate
Clinical Details:	ICU patient - severe acute onset cerebral oedema, catastrophic event with unknown etiology. previously fit and well. awaiting MRI to investigate ?venous sinus thrombosis. Possible unknown exposure to toxins.
Contact Details (Tel or Bleep)	70300

**Specimen Information**

ID	Type	Source	Collected By
23U244720	Blood	Blood	Melania ABELENDIA CASTRO, RN 19/07/21 21:09

**Vitamin B12 & Serum Folate (Final result)**

Electronically signed by: **Livia GOTTARDI on 19/07/21 19:40**

Status: **Completed**

Ordering user: Livia GOTTARDI 19/07/21 19:40

Ordering clinician: Livia GOTTARDI

Authorised by: Christine GREGSON

Ordering mode: Standard

Frequency: Routine Once 19/07/21 19:35 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Final result

Instance released by: Livia GOTTARDI (auto-released) 19/7/2021 19:40

**Questionnaire**

Question	Answer
Clinical Details:	ICU patient - severe acute onset cerebral oedema, catastrophic event with unknown etiology. previously fit and well. awaiting MRI to investigate ?venous sinus thrombosis. Possible unknown exposure to toxins.
Contact Details (Tel or Bleep)	70300

**Specimen Information**

ID	Type	Source	Collected By
23U244721	Blood	Blood	Melania ABELENDIA CASTRO, RN 19/07/21 21:09

**Vitamin B12 & Serum Folate**

Resulted: 20/07/21 08:11, Result status: Final result

Ordering clinician: Livia GOTTARDI 19/07/21 19:40

Order status: Completed

Filed by: Interface, Winpath Lab Results In 20/07/21 08:11

Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Vitamin B12 Comment: Note amended reference range due to change to Gen II assay.	413	197 - 771 pg/mL	—	Winpath
Serum folate Comment: If no change in dietary habits, a normal serum folate makes folate deficiency unlikely.	7.1	2.9 - 26.8 ng/mL	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Vitamin B12 & Serum Folate**

Resulted: 19/07/21 23:45, Result status: In process

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
 Filed by: Interface, Winpath Lab Results In 19/07/21 23:45

Order status: Completed  
 Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**HIV Antibody / Antigen (Final result)**

Electronically signed by: Livia GOTTARDI on 19/07/21 19:40

Status: **Completed**

Ordering user: Livia GOTTARDI 19/07/21 19:40  
 Authorised by: Christine GREGSON  
 Frequency: Routine Once 19/07/21 19:35 - 1 occurrence  
 Quantity: 1

Ordering clinician: Livia GOTTARDI  
 Ordering mode: Standard  
 Class: Lab Collect  
 Lab status: Final result

Instance released by: Livia GOTTARDI (auto-released) 19/7/2021 19:40

**Questionnaire**

Question	Answer
Clinical Details:	ICU patient - severe acute onset cerebral oedema, catastrophic event with unknown etiology. previously fit and well. awaiting MRI to investigate ?venous sinus thrombosis. Possible unknown exposure to toxins.
Contact Details (Tel or Bleep)	70300

**Specimen Information**

ID	Type	Source	Collected By
23U244722	Blood	Blood	Melania ABELENDIA CASTRO, RN 19/07/21 21:09

**HIV Antibody / Antigen**

Resulted: 21/07/21 08:26, Result status: Final result

Ordering clinician: Livia GOTTARDI 19/07/21 19:40

Order status: Completed

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Filed by: Interface, Winpath Lab Results In 21/07/21 08:27

Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Antibodies to HIV 1+2 Result: NOT detected HIV-1 p24 Antigen NOT detected	--	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**HIV Antibody / Antigen**

Resulted: 20/07/21 19:43, Result status: In process

Ordering clinician: Livia GOTTARDI 19/07/21 19:40

Order status: Completed

Filed by: Interface, Winpath Lab Results In 20/07/21 19:43

Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Syphilis Antibody Testing (Final result)**

Electronically signed by: Livia GOTTARDI on 19/07/21 19:40

Status: **Completed**

Ordering user: Livia GOTTARDI 19/07/21 19:40

Ordering clinician: Livia GOTTARDI

Authorised by: Christine GREGSON

Ordering mode: Standard

Frequency: Routine Once 19/07/21 19:36 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Final result

Instance released by: Livia GOTTARDI (auto-released) 19/7/2021 19:40

**Questionnaire**

Question	Answer
Clinical Details:	ICU patient - severe acute onset cerebral oedema, catastrophic event with unknown etiology. previously fit and well. awaiting MRI to investigate ?venous sinus thrombosis. Possible unknown exposure to toxins.
Contact Details (Tel or Bleep)	70300

**Specimen Information**

ID	Type	Source	Collected By
23U244722	Blood	Blood	Melania ABELENDIA CASTRO, RN 19/07/21 21:09

**Syphilis Antibody Testing**

Resulted: 21/07/21 08:26, Result status: Final result

Ordering clinician: Livia GOTTARDI 19/07/21 19:40

Order status: Completed

Filed by: Interface, Winpath Lab Results In 21/07/21 08:27

Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulting lab: HSL WINPATH

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

**Components**

Component	Value	Reference Range	Flag	Lab
SYPHILIS ANTIBODY TEST	REPORT	—	—	Winpath
Treponemal antibody (CMIA)	Negative	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Syphilis Antibody Testing**

Resulted: 20/07/21 19:43, Result status: In process

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
 Filed by: Interface, Winpath Lab Results In 20/07/21 19:43

Order status: Completed  
 Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**ANCA Screen (Edited Result - FINAL)**

Electronically signed by: Livia GOTTARDI on 19/07/21 19:40

Status: **Completed**

Ordering user: Livia GOTTARDI 19/07/21 19:40  
 Authorised by: Christine GREGSON  
 Frequency: Routine Once 19/07/21 19:36 - 1 occurrence  
 Quantity: 1

Ordering clinician: Livia GOTTARDI  
 Ordering mode: Standard  
 Class: Lab Collect  
 Lab status: Edited Result - FINAL

Instance released by: Livia GOTTARDI (auto-released) 19/7/2021 19:40

**Questionnaire**

Question	Answer
Clinical Details:	ICU patient - severe acute onset cerebral oedema, catastrophic event with unknown etiology. previously fit and well. awaiting MRI to investigate ?venous sinus thrombosis. Possible unknown exposure to toxins.
Contact Details (Tel or Bleep)	70300

**Specimen Information**

ID	Type	Source	Collected By
23U244718	Blood	Blood	Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulted: 20/07/21 15:25, Result status: Edited Result - FINAL

**ANCA Screen**

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
 Filed by: Interface, Winpath Lab Results In 17/08/21 13:29

Order status: Completed  
 Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulting lab: HSL WINPATH  
 Acknowledged by: Nicoletta GASTON on 17/08/21 15:21

**Components**

Component	Value	Reference	Flag	Lab
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

	Range		
ANCA Screen	Negative	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**ANCA Screen**

Resulted: 20/07/21 15:25, Result status: Edited  
 Result - FINAL

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
 Filed by: Interface, Winpath Lab Results In 14/08/21 13:45

Order status: Completed  
 Collected by: Melania ABELENDIA CASTRO, RN 19/07/21  
 21:09

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
ANCA Screen	Negative	—	—	Winpath

**Reviewed by**

Nicoletta GASTON on 17/08/21 15:21

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**ANCA Screen**

Resulted: 20/07/21 15:25, Result status: Final result

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
 Filed by: Interface, Winpath Lab Results In 20/07/21 15:32

Order status: Completed  
 Collected by: Melania ABELENDIA CASTRO, RN 19/07/21  
 21:09

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
ANCA Screen	Negative	—	—	Winpath

**Reviewed by**

Nicoletta GASTON on 17/08/21 15:21

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**ANCA Screen**

Resulted: 19/07/21 23:45, Result status: In process

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
 Filed by: Interface, Winpath Lab Results In 19/07/21 23:45

Order status: Completed  
 Collected by: Melania ABELENDIA CASTRO, RN 19/07/21

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

21:09

Resulting lab: HSL WINPATH

**Reviewed by**

Nicoletta GASTON on 17/08/21 15:21

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**All Reviewers List**

Nicoletta GASTON on 17/8/2021 15:21

**ANA Screen (Edited Result - FINAL)**

Electronically signed by: **Livia GOTTARDI on 19/07/21 19:40**

Status: **Completed**

Ordering user: Livia GOTTARDI 19/07/21 19:40

Ordering clinician: Livia GOTTARDI

Authorised by: Christine GREGSON

Ordering mode: Standard

Frequency: Routine Once 19/07/21 19:36 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Edited Result - FINAL

Instance released by: Livia GOTTARDI (auto-released) 19/7/2021 19:40

**Questionnaire**

Question	Answer
Clinical Details:	ICU patient - severe acute onset cerebral oedema, catastrophic event with unknown etiology. previously fit and well. awaiting MRI to investigate ?venous sinus thrombosis. Possible unknown exposure to toxins.
Contact Details (Tel or Bleep)	70300

**Specimen Information**

ID	Type	Source	Collected By
23U244718	Blood	Blood	Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulted: 20/07/21 15:25, Result status: Edited Result - FINAL

**ANA Screen**

Ordering clinician: Livia GOTTARDI 19/07/21 19:40

Order status: Completed

Filed by: Interface, Winpath Lab Results In 17/08/21 13:29

Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulting lab: HSL WINPATH

Acknowledged by: Nicoletta GASTON on 17/08/21 15:21

**Components**

Component	Value	Reference Range	Flag	Lab
ANA Test	Negative	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**ANA Screen**

Resulted: 20/07/21 15:25, Result status: Edited

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Result - FINAL

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
Filed by: Interface, Winpath Lab Results In 14/08/21 13:45

Order status: Completed  
Collected by: Melania ABELENDIA CASTRO, RN 19/07/21  
21:09

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
ANA Test	Negative	—	—	Winpath

**Reviewed by**

Nicoletta GASTON on 17/08/21 15:21

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**ANA Screen**

Resulted: 20/07/21 15:25, Result status: Final result

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
Filed by: Interface, Winpath Lab Results In 20/07/21 15:32

Order status: Completed  
Collected by: Melania ABELENDIA CASTRO, RN 19/07/21  
21:09

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
ANA Test	Negative	—	—	Winpath

**Reviewed by**

Nicoletta GASTON on 17/08/21 15:21

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**ANA Screen**

Resulted: 19/07/21 23:45, Result status: In process

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
Filed by: Interface, Winpath Lab Results In 19/07/21 23:45

Order status: Completed  
Collected by: Melania ABELENDIA CASTRO, RN 19/07/21  
21:09

Resulting lab: HSL WINPATH

**Reviewed by**

Nicoletta GASTON on 17/08/21 15:21

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

London  
W1T 4EU

**All Reviewers List**

Nicoletta GASTON on 17/8/2021 15:21

**Protein C antigen (Final result)**

Electronically signed by: **Livia GOTTARDI on 19/07/21 19:40**

Status: **Completed**

Ordering user: Livia GOTTARDI 19/07/21 19:40

Ordering clinician: Livia GOTTARDI

Authorised by: Christine GREGSON

Ordering mode: Standard

Frequency: Routine Once 19/07/21 19:37 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Final result

Instance released by: Livia GOTTARDI (auto-released) 19/7/2021 19:40

**Specimen Information**

ID	Type	Source	Collected By
23U244723	Blood	Blood	Melania ABELENDIA CASTRO, RN 19/07/21 21:09

**Protein C antigen**

Resulted: 26/07/21 09:31, Result status: Final result

Ordering clinician: Livia GOTTARDI 19/07/21 19:40

Order status: Completed

Filed by: Interface, Winpath Lab Results In 26/07/21 10:04

Collected by: Melania ABELENDIA CASTRO, RN 19/07/21  
21:09

Resulting lab: HSL WINPATH

Acknowledged by: Tim CUTFIELD on 27/07/21 17:16

**Components**

Component	Value	Reference Range	Flag	Lab
Protein C Antigen	Cancelled - not required.	iu/dL	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Protein C antigen**

Resulted: 19/07/21 23:50, Result status: In process

Ordering clinician: Livia GOTTARDI 19/07/21 19:40

Order status: Completed

Filed by: Interface, Winpath Lab Results In 19/07/21 23:50

Collected by: Melania ABELENDIA CASTRO, RN 19/07/21  
21:09

Resulting lab: HSL WINPATH

**Reviewed by**

Tim CUTFIELD on 30/07/21 17:06

Tim CUTFIELD on 29/07/21 16:44

Tim CUTFIELD on 29/07/21 12:37

Tim CUTFIELD on 27/07/21 17:16

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

**All Reviewers List**

Tim CUTFIELD on 30/7/2021 17:06  
 Tim CUTFIELD on 29/7/2021 16:44  
 Tim CUTFIELD on 29/7/2021 12:37  
 Tim CUTFIELD on 27/7/2021 17:16

**Protein S (Free Antigen) (Edited Result - FINAL)**

Electronically signed by: **Livia GOTTARDI on 19/07/21 19:40**

Status: **Completed**

Ordering user: Livia GOTTARDI 19/07/21 19:40

Ordering clinician: Livia GOTTARDI

Authorised by: Christine GREGSON

Ordering mode: Standard

Frequency: Routine Once 19/07/21 19:37 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Edited Result - FINAL

Instance released by: Livia GOTTARDI (auto-released) 19/7/2021 19:40

**Questionnaire**

Question	Answer
Clinical Details:	ICU patient - severe acute onset cerebral oedema, catastrophic event with unknown etiology. previously fit and well. awaiting MRI to investigate ?venous sinus thrombosis. Possible unknown exposure to toxins.
Contact Details (Tel or Bleep)	70300

**Specimen Information**

ID	Type	Source	Collected By
23U244723	Blood	Blood	Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulted: 20/07/21 11:18, Result status: Edited Result - FINAL

**Protein S (Free Antigen)**

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
 Filed by: Interface, Winpath Lab Results In 26/07/21 10:04

Order status: Completed  
 Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulting lab: HSL WINPATH  
 Acknowledged by  
 Tim CUTFIELD on 27/07/21 17:08  
 Nicoletta GASTON on 17/08/21 15:21

**Components**

Component	Value	Reference Range	Flag	Lab
Free Protein S	0.91	0.65 - 1.15 IU/ml	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Protein S (Free Antigen)**

Resulted: 20/07/21 11:18, Result status: Final result

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
 Filed by: Interface, Winpath Lab Results In 20/07/21 11:20

Order status: Completed  
 Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Free Protein S	0.91	0.65 - 1.15 IU/ml	—	Winpath

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

**Reviewed by**

Nicoletta GASTON on 17/08/21 15:21  
Tim CUTFIELD on 30/07/21 17:05  
Tim CUTFIELD on 29/07/21 16:34  
Tim CUTFIELD on 29/07/21 12:37  
Tim CUTFIELD on 27/07/21 17:08

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Protein S (Free Antigen)**

Resulted: 19/07/21 23:50, Result status: In process

Ordering clinician: Livia GOTTARDI 19/07/21 19:40  
Filed by: Interface, Winpath Lab Results In 19/07/21 23:50

Order status: Completed  
Collected by: Melania ABELENDIA CASTRO, RN 19/07/21 21:09

Resulting lab: HSL WINPATH

**Reviewed by**

Nicoletta GASTON on 17/08/21 15:21  
Tim CUTFIELD on 30/07/21 17:05  
Tim CUTFIELD on 29/07/21 16:34  
Tim CUTFIELD on 29/07/21 12:37  
Tim CUTFIELD on 27/07/21 17:08

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**All Reviewers List**

Nicoletta GASTON on 17/8/2021 15:21  
Tim CUTFIELD on 30/7/2021 17:05  
Tim CUTFIELD on 29/7/2021 16:34  
Tim CUTFIELD on 29/7/2021 12:37  
Tim CUTFIELD on 27/7/2021 17:08

**UCLH Drugs of Abuse Screen (Final result)**

Status: **Completed**

Order placed as a reflex to Toxicology Screen ordered on 19/07/21 at 19:40

Ordering user: Interface, Winpath Lab Results In 20/07/21 00:16

Authorised by: Christine GREGSON

Frequency: Routine Once 20/07/21 00:16 - 1 occurrence

Quantity: 1

Instance released by: (auto-released) 20/7/2021 00:16

Ordering clinician: Livia GOTTARDI

Ordering mode: Standard

Class: Lab Collect

Lab status: Final result

**Specimen Information**

ID	Type	Source	Collected By
23U244720	—	Blood	19/07/21 21:09

**UCLH Drugs of Abuse Screen**

Resulted: 20/07/21 10:50, Result status: Final result

Ordering clinician: Livia GOTTARDI 20/07/21 00:16  
Filed by: Interface, Winpath Lab Results In 20/07/21 10:52  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: 19/07/21 21:09

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

**Components**

Component	Value	Reference Range	Flag	Lab
Urine creatinine	735	umol/L	—	Winpath
Comment: Note dilute urine: results may be misleading				
Urine barbiturates	Negative	—	—	Winpath
Urine amphetamines	Negative	—	—	Winpath
Urine methadone	Negative	—	—	Winpath
Urine opiates	Negative	—	—	Winpath
Urine benzodiazepines	Negative	—	—	Winpath
Urine cocaine	Negative	—	—	Winpath
Urine cannabinoids	Negative	—	—	Winpath
Comment	--	—	—	Winpath
Result: Results are for clinical use only. Not for social or legal purposes. Screening results will not be confirmed unless specifically requested.				

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 20/07/21 00:33, Result status: Preliminary result

**UCLH Drugs of Abuse Screen**

Ordering clinician: Livia GOTTARDI 20/07/21 00:16  
 Filed by: Interface, Winpath Lab Results In 20/07/21 00:34  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: 19/07/21 21:09

**Components**

Component	Value	Reference Range	Flag	Lab
Urine creatinine	735	umol/L	—	Winpath
Comment: Note dilute urine: results may be misleading				
Comment	--	—	—	Winpath
Result: Results are for clinical use only. Not for social or legal purposes. Screening results will not be confirmed unless specifically requested.				

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**UCLH Drugs of Abuse Screen**

Resulted: 20/07/21 00:16, Result status: In process

Ordering clinician: Livia GOTTARDI 20/07/21 00:16  
 Filed by: Interface, Winpath Lab Results In 20/07/21 00:16  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: 19/07/21 21:09

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Neuronal Antibodies (Paraneoplastic Screen) (Edited Result - FINAL)**

Status: **Completed**

Order placed as a reflex to Anti-LGi1 and Anti-CASPR2 (VKCA Complex Antibodies) (VKCA code) ordered on 19/07/21 at 19:40  
 Ordering user: Interface, Winpath Lab Results In 20/07/21 12:46 Ordering clinician: Livia GOTTARDI  
 Authorised by: Christine GREGSON Ordering mode: Standard  
 Frequency: Routine Once 20/07/21 12:46 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Edited Result - FINAL  
 Instance released by: (auto-released) 20/7/2021 12:46

**Specimen Information**

ID	Type	Source	Collected By
20J033402	—	Blood	19/07/21 21:09

Resulted: 28/07/21 14:06, Result status: Edited Result - FINAL

**Neuronal Antibodies (Paraneoplastic Screen)**

Ordering clinician: Livia GOTTARDI 20/07/21 12:46 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 30/07/21 16:15 Collected by: 19/07/21 21:09  
 Resulting lab: HSL WINPATH  
 Acknowledged by: Tim CUTFIELD on 30/07/21 17:06

**Components**

Component	Value	Reference Range	Flag	Lab
Purkinje cells	Negative	—	—	Winpath
Anti-Tr antibodies (screen)	Negative	—	—	Winpath
Other Cerebellar cells	Negative	—	—	Winpath
IgG White matter (myelin)	Negative	—	—	Winpath
Anti-PCA2 antibodies	Not requested	—	—	Winpath
Recombinant Immunoblotting	Not tested	—	—	Winpath
Anti-Hu antibodies	Negative	—	—	Winpath
Anti-Yo antibodies	Negative	—	—	Winpath
Anti-Ri antibodies	Negative	—	—	Winpath
Laboratory comment	--	—	—	Winpath

Result:  
 No significant intracellular paraneoplastic antibodies confirmed by immunoblotting against specific recombinant antigens (Hu, Ri, amphiphysin ,CV2, Ma1, Ma2, SOX-1, DNER, Titin and GAD)  
 Please be aware that recombinant immunoblotting does not detect antibodies such as NMDA, Lgi1, CASPR2 or others to cell surface antigens associated with autoimmune encephalitides; These need to be ordered separately. If you wish to discuss further antibody testing, please phone the NICL laboratory on 0203 448 3814, or contact Dr Michael Lunn or Dr Michael Zandi to discuss directly or discuss clinical referral

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

W1T 4EU

**Neuronal Antibodies (Paraneoplastic Screen)**

Resulted: 28/07/21 14:06, Result status: Final result

Ordering clinician: Livia GOTTARDI 20/07/21 12:46  
Filed by: Interface, Winpath Lab Results In 28/07/21 17:16  
Resulting lab: HSL WINPATH  
Acknowledged by: Tim CUTFIELD on 29/07/21 12:37

Order status: Completed  
Collected by: 19/07/21 21:09

**Components**

Component	Value	Reference Range	Flag	Lab
Purkinje cells	Negative	—	—	Winpath
Anti-Tr antibodies (screen)	Negative	—	—	Winpath
Other Cerebellar cells	Negative	—	—	Winpath
IgG White matter (myelin)	Negative	—	—	Winpath
Anti-PCA2 antibodies	Not requested	—	—	Winpath
Recombinant Immunoblotting	Not tested	—	—	Winpath
Anti-Hu antibodies	Negative	—	—	Winpath
Anti-Yo antibodies	Negative	—	—	Winpath
Anti-Ri antibodies	Negative	—	—	Winpath
Laboratory comment	--	—	—	Winpath

**Result:**

No significant intracellular paraneoplastic antibodies confirmed by immunoblotting against specific recombinant antigens (Hu, Ri, amphiphysin ,CV2, Ma1, Ma2, SOX-1, DNER, Titin and GAD) Please be aware that recombinant immunoblotting does not detect antibodies such as NMDA, Lgi1, CASPR2 or others to cell surface antigens associated with autoimmune encephalitides; These need to be ordered separately. If you wish to discuss further antibody testing, please phone the NICL laboratory on 0203 448 3814, or contact Dr Michael Lunn or Dr Michael Zandi to discuss directly or discuss clinical referral

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Neuronal Antibodies (Paraneoplastic Screen)**

Resulted: 20/07/21 12:46, Result status: In process

Ordering clinician: Livia GOTTARDI 20/07/21 12:46  
Filed by: Interface, Winpath Lab Results In 20/07/21 12:46  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: 19/07/21 21:09

**Reviewed by**

Tim CUTFIELD on 30/07/21 17:06  
Tim CUTFIELD on 29/07/21 16:44  
Tim CUTFIELD on 29/07/21 12:37

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

W1T 4EU

**All Reviewers List**

Tim CUTFIELD on 30/7/2021 17:06  
Tim CUTFIELD on 29/7/2021 16:44  
Tim CUTFIELD on 29/7/2021 12:37

**Protein C Activity (Final result)**

Status: **Completed**

Order placed as a reflex to Protein C antigen ordered on 19/07/21 at 19:40

Ordering user: Interface, Winpath Lab Results In 26/07/21 09:31

Authorised by: Christine GREGSON

Frequency: Routine Once 26/07/21 09:31 - 1 occurrence

Quantity: 1

Instance released by: (auto-released) 26/7/2021 09:31

Ordering clinician: Livia GOTTARDI

Ordering mode: Standard

Class: Lab Collect

Lab status: Final result

**Specimen Information**

ID	Type	Source	Collected By
23U244723	—	Blood	19/07/21 21:09

**Protein C Activity**

Resulted: 26/07/21 09:31, Result status: Final result

Ordering clinician: Livia GOTTARDI 26/07/21 09:31

Filed by: Interface, Winpath Lab Results In 26/07/21 10:04

Resulting lab: HSL WINPATH

Acknowledged by: Tim CUTFIELD on 27/07/21 17:16

Order status: Completed

Collected by: 19/07/21 21:09

**Components**

Component	Value	Reference Range	Flag	Lab
Protein C Activity	0.83	0.70 - 1.40 IU/ml	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Protein C Activity**

Resulted: 26/07/21 09:31, Result status: In process

Ordering clinician: Livia GOTTARDI 26/07/21 09:31

Filed by: Interface, Winpath Lab Results In 26/07/21 09:31

Resulting lab: HSL WINPATH

Order status: Completed

Collected by: 19/07/21 21:09

**Reviewed by**

Tim CUTFIELD on 30/07/21 17:06  
Tim CUTFIELD on 29/07/21 16:44  
Tim CUTFIELD on 29/07/21 12:37  
Tim CUTFIELD on 27/07/21 17:16

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**All Reviewers List**

Tim CUTFIELD on 30/7/2021 17:06

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Tim CUTFIELD on 29/7/2021 16:44  
 Tim CUTFIELD on 29/7/2021 12:37  
 Tim CUTFIELD on 27/7/2021 17:16

**HSV Serology (Final result)**

Status: **Completed**

Order placed as a reflex to Lyme Serology ordered on 19/07/21 at 19:40

Ordering user: Interface, Winpath Lab Results In 28/07/21 11:50      Ordering clinician: Livia GOTTARDI  
 Authorised by: Christine GREGSON      Ordering mode: Standard  
 Frequency: Routine Once 28/07/21 11:50 - 1 occurrence      Class: Lab Collect  
 Quantity: 1      Lab status: Final result

Instance released by: (auto-released) 28/7/2021 11:50

**Specimen Information**

ID	Type	Source	Collected By
23U244719	—	Blood	19/07/21 21:09

**HSV Serology**

Resulted: 29/07/21 13:14, Result status: Final result

Ordering clinician: Livia GOTTARDI 28/07/21 11:50      Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 29/07/21 15:11      Collected by: 19/07/21 21:09  
 Resulting lab: HSL WINPATH  
 Acknowledged by: Tim CUTFIELD on 29/07/21 16:44

**Components**

Component	Value	Reference Range	Flag	Lab
Anti-HSV total IgG	Negative	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**HSV Serology**

Resulted: 28/07/21 11:50, Result status: In process

Ordering clinician: Livia GOTTARDI 28/07/21 11:50      Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 28/07/21 11:50      Collected by: 19/07/21 21:09  
 Resulting lab: HSL WINPATH

**Reviewed by**

Tim CUTFIELD on 30/07/21 17:06  
 Tim CUTFIELD on 29/07/21 16:44

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**All Reviewers List**

Tim CUTFIELD on 30/7/2021 17:06  
 Tim CUTFIELD on 29/7/2021 16:44

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: Hannah NYBERG, RN on 20/07/21 00:04

Status: **Completed**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Ordering user: Hannah NYBERG, RN 20/07/21 00:04

Authorised by: Historical PROVIDER

Ordering mode: Standard

Frequency: Routine 20/07/21 -

Class: Historical

Quantity: 1

Lab status: Final result

Order comments: This is an external result entered through the Results Console.

**POCT ARTERIAL BLOOD GAS**

Resulted: 19/07/21 21:23, Result status: Final result

Order status: Completed

Filed by: Hannah NYBERG, RN 20/07/21 00:04

**Components**

Component	Value	Reference Range	Flag	Lab
pH	7.37	—	—	—
Carbon Dioxide partial pressure	6.40	—	—	—
Oxygen partial pressure	16.5	—	—	—
Total Haemoglobin	131	—	—	—
Saturated Oxygen	98.8	—	—	—
Oxyhaemoglobin	98.1	—	—	—
Carboxyhaemoglobin	0	—	—	—
Methaemoglobin	0.7	—	—	—
Deoxyhaemoglobin	1.2	—	—	—
Chloride	122	—	—	—
Potassium	4.2	—	—	—
Glucose	7.4	—	—	—
Sodium	155	—	—	—
Ionised Calcium	1.15	—	—	—
Lactate	0.8	—	—	—
Haematocrit	40.2	—	—	—
Standard Base Excess	2.5	—	—	—
Standard Bicarbonate	26	—	—	—
Oxygen tension at 50% saturation	3.65	—	—	—
Oxygen content	18.3	—	—	—
Fraction of Inspired Oxygen	25	—	—	—
Source	arterial	—	—	—

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 19/07/21 21:23**

Status: **Completed**

Ordering user: Interface, Aqure Results In 19/07/21 21:23

Ordering clinician: Provider Not In SYSTEM

Authorised by: Provider Not In SYSTEM

Ordering mode: Standard

Frequency: Routine Once 19/07/21 21:24 - 1 occurrence

Class: Normal

Quantity: 1

Lab status: Final result

Instance released by: (auto-released) 20/7/2021 09:48

Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	19/07/21 21:23

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 19/07/21 21:23, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 19/07/21 21:23

Order status: Completed

Filed by: Interface, Aqure Results In 20/07/21 09:48

Collected by: 19/07/21 21:23

Resulting lab: AQUIRE

Narrative:

Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.371	—	—	56

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Carbon Dioxide partial pressure Comment: Value above reference range	6.40	kPa	H ^	56
Oxygen partial pressure Comment: Value above reference range	16.5	kPa	H ^	56
Potassium	4.2	mmol/l	—	56
Sodium Comment: Value above reference range	155	mmol/l	H ^	56
Ionised Calcium	1.15	mmol/l	—	56
Chloride Comment: Value above reference range	122	mmol/l	H ^	56
Glucose Comment: Value above reference range	7.4	mmol/l	H ^	56
Lactate	0.8	mmol/l	—	56
Total Haemoglobin	131	g/l	—	56
Deoxyhaemoglobin	1.2	%	—	56
Oxyhaemoglobin	98.1	%	—	56
Saturated Oxygen	98.8	%	—	56
Carboxyhaemoglobin Comment: Value below reference range	0.0	%	L v	56
Methaemoglobin	0.7	%	—	56
Fraction of Inspired Oxygen	25.0	%	—	56
Standard Base Excess	2.5	mmol/l	—	56
Standard Bicarbonate	26.0	mmol/l	—	56
Haematocrit	40.2	%	—	56
Oxygen tension at 50% saturation	3.65	kPa	—	56
Oxygen content	8.2	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT pregnancy, urine (Final result)**

Electronically signed by: **Hannah NYBERG, RN on 19/07/21 23:20** Status: **Completed**  
 Ordering user: Hannah NYBERG, RN 19/07/21 23:20 Authorised by: Historical PROVIDER  
 Ordering mode: Standard  
 Frequency: Routine 19/07/21 - Class: Historical  
 Quantity: 1 Lab status: Final result  
 Order comments: This is an external result entered through the Results Console.

**Specimen Information**

ID	Type	Source	Collected By
—	Urine	—	—

**POCT pregnancy, urine**

Resulted: 19/07/21 22:00, Result status: Final result

Order status: Completed Filed by: Hannah NYBERG, RN 19/07/21 23:20  
 Collected by:

**Components**

Component	Value	Reference Range	Flag	Lab
Preg Test, Ur	Negative	—	—	—

**Urine Osmolality (Final result)**

Electronically signed by: **Hannah NYBERG, RN on 19/07/21 22:38** Status: **Completed**  
 Ordering user: Hannah NYBERG, RN 19/07/21 22:38 Ordering clinician: Hannah NYBERG, RN  
 Authorised by: Christine GREGSON Ordering mode: Standard; no cosign required  
 Frequency: Routine Once 19/07/21 22:38 - 1 occurrence Class: Lab Collect

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Quantity: 1 Lab status: Final result  
 Instance released by: Hannah NYBERG, RN (auto-released) 19/7/2021 22:38

**Questionnaire**

Question	Answer
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
23U244808	Urine	Urine	Hannah NYBERG, RN 19/07/21 22:38

**Urine Osmolality (Abnormal)**

Resulted: 20/07/21 00:55, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 19/07/21 22:38 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 20/07/21 00:58 Collected by: Hannah NYBERG, RN 19/07/21 22:38  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Urine osmolality	136	300 - 900 mosmol/kg	L ▼	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urine Osmolality**

Resulted: 20/07/21 00:07, Result status: In process

Ordering clinician: Hannah NYBERG, RN 19/07/21 22:38 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 20/07/21 00:07 Collected by: Hannah NYBERG, RN 19/07/21 22:38  
 Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Osmolality (Edited Result - FINAL)**

Electronically signed by: **Hannah NYBERG, RN on 19/07/21 22:38** Status: **Completed**  
 Ordering user: Hannah NYBERG, RN 19/07/21 22:38 Ordering clinician: Hannah NYBERG, RN  
 Authorised by: Christine GREGSON Ordering mode: Standard: no cosign required  
 Frequency: Routine Once 19/07/21 22:38 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Edited Result - FINAL  
 Instance released by: Hannah NYBERG, RN (auto-released) 19/7/2021 22:38

**Questionnaire**

Question	Answer
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
23U244807	Blood	Blood	Hannah NYBERG, RN 19/07/21 22:38

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Resulted: 20/07/21 00:44, Result status: Edited  
 Result - FINAL

**Osmolality (Abnormal)**

Ordering clinician: Hannah NYBERG, RN 19/07/21 22:38  
 Filed by: Interface, Winpath Lab Results In 22/07/21 10:48  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 19/07/21 22:38

**Components**

Component	Value	Reference Range	Flag	Lab
Osmolality	320	285 - 295 mosmol/kg	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Osmolality (Abnormal)**

Resulted: 20/07/21 00:44, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 19/07/21 22:38  
 Filed by: Interface, Winpath Lab Results In 20/07/21 00:58  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 19/07/21 22:38

**Components**

Component	Value	Reference Range	Flag	Lab
Osmolality	320	285 - 295 mosmol/kg	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Osmolality**

Resulted: 19/07/21 23:50, Result status: In process

Ordering clinician: Hannah NYBERG, RN 19/07/21 22:38  
 Filed by: Interface, Winpath Lab Results In 19/07/21 23:50  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 19/07/21 22:38

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 19/07/21 23:17**

Status: **Completed**

Ordering user: Interface, Aqure Results In 19/07/21 23:17

Ordering clinician: Provider Not In SYSTEM

Authorised by: Provider Not In SYSTEM

Ordering mode: Standard

Frequency: Routine Once 19/07/21 23:17 - 1 occurrence

Class: Normal

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Quantity: 1  
 Instance released by: (auto-released) 19/7/2021 23:17  
 Order comments: Ordered by an unspecified clinician

Lab status: Final result

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	19/07/21 23:17

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 19/07/21 23:17, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 19/07/21 23:17  
 Filed by: Interface, Aqure Results In 19/07/21 23:17  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

Order status: Completed  
 Collected by: 19/07/21 23:17

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.419	—	—	56
Carbon Dioxide partial pressure	5.69	kPa	—	56
Oxygen partial pressure	15.5	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.7	mmol/l	—	56
Sodium	159	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.15	mmol/l	—	56
Chloride	123	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	7.5	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	1.1	mmol/l	—	56
Total Haemoglobin	136	g/l	—	56
Deoxyhaemoglobin	1.1	%	—	56
Oxyhaemoglobin	97.5	%	—	56
Saturated Oxygen	98.9	%	—	56
Carboxyhaemoglobin	0.4	%	L v	56
Comment: Value below reference range				
Methaemoglobin	1.0	%	—	56
Fraction of Inspired Oxygen	25.0	%	—	56
Standard Base Excess	3.1	mmol/l	—	56
Standard Bicarbonate	26.8	mmol/l	—	56
Haematocrit	41.8	%	—	56
Oxygen tension at 50% saturation	3.47	kPa	—	56
Oxygen content	8.4	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 20/07/21 01:52** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 20/07/21 01:52  
 Authorised by: Provider Not In SYSTEM  
 Frequency: Routine Once 20/07/21 01:53 - 1 occurrence  
 Quantity: 1  
 Instance released by: (auto-released) 20/7/2021 01:53  
 Order comments: Ordered by an unspecified clinician

Ordering clinician: Provider Not In SYSTEM  
 Ordering mode: Standard  
 Class: Normal  
 Lab status: Final result

**Specimen Information**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

ID	Type	Source	Collected By
—	Blood	—	20/07/21 01:52

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 20/07/21 01:52, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 20/07/21 01:52 Order status: Completed  
 Filed by: Interface, Aqure Results In 20/07/21 01:53 Collected by: 20/07/21 01:52  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.428	—	—	56
Carbon Dioxide partial pressure	5.45	kPa	—	56
Oxygen partial pressure	14.4	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.7	mmol/l	—	56
Sodium	163	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.21	mmol/l	—	56
Chloride	128	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	8.2	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	1.5	mmol/l	—	56
Total Haemoglobin	143	g/l	—	56
Deoxyhaemoglobin	1.9	%	—	56
Oxyhaemoglobin	96.7	%	—	56
Saturated Oxygen	98.1	%	—	56
Carboxyhaemoglobin	0.5	%	—	56
Methaemoglobin	0.9	%	—	56
Fraction of Inspired Oxygen	25.0	%	—	56
Standard Base Excess	2.6	mmol/l	—	56
Standard Bicarbonate	26.5	mmol/l	—	56
Haematocrit	43.8	%	—	56
Oxygen tension at 50% saturation	3.43	kPa	—	56
Oxygen content	8.7	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**Magnesium (Edited Result - FINAL)**

Electronically signed by: **Hannah NYBERG, RN on 20/07/21 01:38** Status: **Completed**  
 Ordering user: Hannah NYBERG, RN 20/07/21 01:38 Ordering clinician: Hannah NYBERG, RN  
 Authorised by: Christine GREGSON Ordering mode: Standard: no cosign required  
 Frequency: Routine Once 20/07/21 01:39 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Edited Result - FINAL  
 Instance released by: Hannah NYBERG, RN (auto-released) 20/7/2021 01:38

**Questionnaire**

Question	Answer
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

23U245196 Blood Blood Hannah NYBERG, RN 20/07/21 04:50

Resulted: 20/07/21 06:44, Result status: Edited  
 Result - FINAL

**Magnesium (Abnormal)**

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:38  
 Filed by: Interface, Winpath Lab Results In 20/07/21 13:08  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 04:50

**Components**

Component	Value	Reference Range	Flag	Lab
Magnesium	1.05	0.60 - 1.00 mmol/L	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 20/07/21 06:44, Result status: Edited  
 Result - FINAL

**Magnesium (Abnormal)**

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:38  
 Filed by: Interface, Winpath Lab Results In 20/07/21 12:28  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 04:50

**Components**

Component	Value	Reference Range	Flag	Lab
Magnesium	1.05	0.60 - 1.00 mmol/L	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 20/07/21 06:44, Result status: Edited  
 Result - FINAL

**Magnesium (Abnormal)**

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:38  
 Filed by: Interface, Winpath Lab Results In 20/07/21 06:55  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 04:50

**Components**

Component	Value	Reference Range	Flag	Lab
Magnesium	1.05	0.60 - 1.00 mmol/L	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

W1T 4EU

**Magnesium (Abnormal)**

Resulted: 20/07/21 06:41, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:38  
Filed by: Interface, Winpath Lab Results In 20/07/21 06:42  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Hannah NYBERG, RN 20/07/21 04:50

**Components**

Component	Value	Reference Range	Flag	Lab
Magnesium	1.05	0.60 - 1.00 mmol/L	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Magnesium**

Resulted: 20/07/21 06:05, Result status: In process

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:38  
Filed by: Interface, Winpath Lab Results In 20/07/21 06:05  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Hannah NYBERG, RN 20/07/21 04:50

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Edited Result - FINAL)**

Electronically signed by: **Hannah NYBERG, RN on 20/07/21 01:38**

Status: **Completed**

Ordering user: Hannah NYBERG, RN 20/07/21 01:38

Ordering clinician: Hannah NYBERG, RN

Authorised by: Christine GREGSON

Ordering mode: Standard: no cosign required

Frequency: Routine Once 20/07/21 01:39 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Edited Result - FINAL

Instance released by: Hannah NYBERG, RN (auto-released) 20/7/2021 01:38

**Questionnaire**

Question	Answer
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
23U245196	Blood	Blood	Hannah NYBERG, RN 20/07/21 04:50

Resulted: 20/07/21 06:44, Result status: Edited  
Result - FINAL

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Abnormal)**

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:38  
Filed by: Interface, Winpath Lab Results In 20/07/21 13:08  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Hannah NYBERG, RN 20/07/21 04:50

**Components**

Component	Value	Reference Range	Flag	Lab
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Sodium	160	135 - 145 mmol/L	H ^	Winpath
Potassium	4.1	3.5 - 5.1 mmol/L	—	Winpath
Creatinine	61	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath
Comment: Units: mL/min/1.73sqm Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: <a href="http://www.renal.org/information-resources">www.renal.org/information-resources</a> Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.				
Bilirubin (total)	5	0 - 20 umol/L	—	Winpath
Alkaline phosphatase	47	35 - 104 IU/L	—	Winpath
Alanine transaminase	24	10 - 35 IU/L	—	Winpath
Albumin	40	34 - 50 g/L	—	Winpath
Calcium	2.32	2.20 - 2.60 mmol/L	—	Winpath
Calcium (albumin-adjusted)	2.43	2.20 - 2.60 mmol/L	—	Winpath
Phosphate	0.43	0.87 - 1.45 mmol/L	L v	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 20/07/21 06:44, Result status: Edited  
Result - FINAL

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Abnormal)**

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:38  
Filed by: Interface, Winpath Lab Results In 20/07/21 12:28  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Hannah NYBERG, RN 20/07/21 04:50

**Components**

Component	Value	Reference Range	Flag	Lab
Sodium	160	135 - 145 mmol/L	H ^	Winpath
Potassium	4.1	3.5 - 5.1 mmol/L	—	Winpath
Creatinine	61	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath
Comment: Units: mL/min/1.73sqm Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: <a href="http://www.renal.org/information-resources">www.renal.org/information-resources</a> Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.				
Bilirubin (total)	5	0 - 20 umol/L	—	Winpath
Alkaline phosphatase	47	35 - 104 IU/L	—	Winpath
Alanine transaminase	24	10 - 35 IU/L	—	Winpath
Albumin	40	34 - 50 g/L	—	Winpath
Calcium	2.32	2.20 - 2.60 mmol/L	—	Winpath
Calcium (albumin-adjusted)	2.43	2.20 - 2.60 mmol/L	—	Winpath
Phosphate	0.43	0.87 - 1.45 mmol/L	L v	Winpath

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Abnormal)**

Resulted: 20/07/21 06:44, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:38  
Filed by: Interface, Winpath Lab Results In 20/07/21 06:55  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Hannah NYBERG, RN 20/07/21 04:50

**Components**

Component	Value	Reference Range	Flag	Lab
Sodium	160	135 - 145 mmol/L	H ^	Winpath
Potassium	4.1	3.5 - 5.1 mmol/L	—	Winpath
Creatinine	61	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath
Comment: Units: mL/min/1.73sqm Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: <a href="http://www.renal.org/information-resources">www.renal.org/information-resources</a> Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.				
Bilirubin (total)	5	0 - 20 umol/L	—	Winpath
Alkaline phosphatase	47	35 - 104 IU/L	—	Winpath
Alanine transaminase	24	10 - 35 IU/L	—	Winpath
Albumin	40	34 - 50 g/L	—	Winpath
Calcium	2.32	2.20 - 2.60 mmol/L	—	Winpath
Calcium (albumin-adjusted)	2.43	2.20 - 2.60 mmol/L	—	Winpath
Phosphate	0.43	0.87 - 1.45 mmol/L	L v	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Abnormal)**

Resulted: 20/07/21 06:41, Result status: Preliminary result

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:38  
Filed by: Interface, Winpath Lab Results In 20/07/21 06:42  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Hannah NYBERG, RN 20/07/21 04:50

**Components**

Component	Value	Reference Range	Flag	Lab
Potassium	4.1	3.5 - 5.1 mmol/L	—	Winpath
Creatinine	61	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath
Comment:				

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Units: mL/min/1.73sqm  
Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: [www.renal.org/information-resources](http://www.renal.org/information-resources)  
Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.

Bilirubin (total)	5	0 - 20 umol/L	—	Winpath
Alkaline phosphatase	47	35 - 104 IU/L	—	Winpath
Alanine transaminase	24	10 - 35 IU/L	—	Winpath
Albumin	40	34 - 50 g/L	—	Winpath
Calcium	2.32	2.20 - 2.60 mmol/L	—	Winpath
Calcium (albumin-adjusted)	2.43	2.20 - 2.60 mmol/L	—	Winpath
Phosphate	0.43	0.87 - 1.45 mmol/L	L ▼	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles**

Resulted: 20/07/21 06:05, Result status: In process

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:38  
Filed by: Interface, Winpath Lab Results In 20/07/21 06:05  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Hannah NYBERG, RN 20/07/21 04:50

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Coagulation Screen (Without Fibrinogen) (Final result)**

Electronically signed by: **Hannah NYBERG, RN on 20/07/21 01:38**

Status: **Completed**

Ordering user: Hannah NYBERG, RN 20/07/21 01:38

Ordering clinician: Hannah NYBERG, RN

Authorised by: Christine GREGSON

Ordering mode: Standard: no cosign required

Frequency: Routine Once 20/07/21 01:39 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Final result

Instance released by: Hannah NYBERG, RN (auto-released) 20/7/2021 01:38

**Questionnaire**

Question	Answer
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
23U245197	Blood	Blood	Hannah NYBERG, RN 20/07/21 04:50

**Coagulation Screen (Without Fibrinogen) (Abnormal)**

Resulted: 20/07/21 06:33, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:38  
Filed by: Interface, Winpath Lab Results In 20/07/21 06:35  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Hannah NYBERG, RN 20/07/21 04:50

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

**Components**

Component	Value	Reference Range	Flag	Lab
Prothrombin Time	12.6	10.0 - 12.0 secs	H ^	Winpath
INR	1.16	—	—	Winpath
APTT	29	25 - 37 secs	—	Winpath
APTT Ratio	0.9	0.8 - 1.2	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Coagulation Screen (Without Fibrinogen)**

Resulted: 20/07/21 06:05, Result status: In process

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:38  
 Filed by: Interface, Winpath Lab Results In 20/07/21 06:05  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 04:50

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**FBC and Differential (Final result)**

Electronically signed by: **Hannah NYBERG, RN on 20/07/21 01:38**

Status: **Completed**

Ordering user: Hannah NYBERG, RN 20/07/21 01:38

Ordering clinician: Hannah NYBERG, RN

Authorised by: Christine GREGSON

Ordering mode: Standard: no cosign required

Frequency: Routine Once 20/07/21 01:39 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Final result

Instance released by: Hannah NYBERG, RN (auto-released) 20/7/2021 01:38

**Questionnaire**

Question	Answer
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
23U245198	Blood	Blood	Hannah NYBERG, RN 20/07/21 04:50

**FBC and Differential (Abnormal)**

Resulted: 20/07/21 06:13, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:38  
 Filed by: Interface, Winpath Lab Results In 20/07/21 06:23  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 04:50

**Components**

Component	Value	Reference Range	Flag	Lab
White cell count	14.87	3.0 - 10.0 x10 <sup>9</sup> /L	H ^	Winpath
Red cell count	4.25	3.95 - 5.15 x10 <sup>12</sup> /L	—	Winpath
Haemoglobin (g/L)	131	115 - 155 g/L	—	Winpath

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

HCT	0.390	0.33 - 0.45 L/L	—	Winpath
MCV	91.8	80 - 99 fL	—	Winpath
MCH	30.8	27.0 - 33.5 pg	—	Winpath
MCHC (g/L)	336	320 - 360 g/L	—	Winpath
RDW	12.1	11.5 - 15.0 %	—	Winpath
Platelet count	217	150 - 400 x10 <sup>9</sup> /L	—	Winpath
MPV	9.2	7 - 13 fL	—	Winpath
Neutrophils	10.38	2.0 - 7.5 x10 <sup>9</sup> /L	H ^	Winpath
Lymphocytes	2.68	1.2 - 3.65 x10 <sup>9</sup> /L	—	Winpath
Monocytes	1.75	0.2 - 1.0 x10 <sup>9</sup> /L	H ^	Winpath
Eosinophils	0.01	0.0 - 0.4 x10 <sup>9</sup> /L	—	Winpath
Basophils	0.04	0.0 - 0.1 x10 <sup>9</sup> /L	—	Winpath
XE Nucleated RBCs abs	0.00	0 - 0.01 x10 <sup>9</sup> /L	—	Winpath
XE Nucleated RBCs %	0.0	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**FBC and Differential**

Resulted: 20/07/21 06:05, Result status: In process

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:38  
 Filed by: Interface, Winpath Lab Results In 20/07/21 06:05  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 04:50

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**C-reactive protein (Edited Result - FINAL)**

Electronically signed by: Hannah NYBERG, RN on 20/07/21 01:38

Status: **Completed**

Ordering user: Hannah NYBERG, RN 20/07/21 01:38

Ordering clinician: Hannah NYBERG, RN

Authorised by: Christine GREGSON

Ordering mode: Standard: no cosign required

Frequency: Routine Once 20/07/21 01:39 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Edited Result - FINAL

Instance released by: Hannah NYBERG, RN (auto-released) 20/7/2021 01:38

**Questionnaire**

Question	Answer
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
23U245196	Blood	Blood	Hannah NYBERG, RN 20/07/21 04:50

Resulted: 20/07/21 06:41, Result status: Edited  
 Result - FINAL

**C-reactive protein (Abnormal)**

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:38  
 Filed by: Interface, Winpath Lab Results In 20/07/21 13:08  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 04:50

**Components**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Component	Value	Reference Range	Flag	Lab
C-reactive protein	32.2	0 - 5.0 mg/L	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**C-reactive protein (Abnormal)**

Resulted: 20/07/21 06:41, Result status: Edited  
 Result - FINAL

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:38  
 Filed by: Interface, Winpath Lab Results In 20/07/21 12:28  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 04:50

**Components**

Component	Value	Reference Range	Flag	Lab
C-reactive protein	32.2	0 - 5.0 mg/L	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**C-reactive protein (Abnormal)**

Resulted: 20/07/21 06:41, Result status: Edited  
 Result - FINAL

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:38  
 Filed by: Interface, Winpath Lab Results In 20/07/21 06:55  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 04:50

**Components**

Component	Value	Reference Range	Flag	Lab
C-reactive protein	32.2	0 - 5.0 mg/L	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**C-reactive protein (Abnormal)**

Resulted: 20/07/21 06:41, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:38  
 Filed by: Interface, Winpath Lab Results In 20/07/21 06:42  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 04:50

**Components**

Component	Value	Reference Range	Flag	Lab
C-reactive protein	32.2	0 - 5.0 mg/L	H ^	Winpath

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**C-reactive protein**

Resulted: 20/07/21 06:05, Result status: In process

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:38  
 Filed by: Interface, Winpath Lab Results In 20/07/21 06:05  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 04:50

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urea (Edited Result - FINAL)**

Electronically signed by: **Hannah NYBERG, RN on 20/07/21 01:38**

Status: **Completed**

Ordering user: Hannah NYBERG, RN 20/07/21 01:38

Ordering clinician: Hannah NYBERG, RN

Authorised by: Christine GREGSON

Ordering mode: Standard: no cosign required

Frequency: Routine Once 20/07/21 01:39 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Edited Result - FINAL

Instance released by: Hannah NYBERG, RN (auto-released) 20/7/2021 01:38

**Questionnaire**

Question	Answer
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
23U245196	Blood	Blood	Hannah NYBERG, RN 20/07/21 04:50

Resulted: 20/07/21 06:44, Result status: Edited  
 Result - FINAL

**Urea (Abnormal)**

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:38  
 Filed by: Interface, Winpath Lab Results In 20/07/21 13:08  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 04:50

**Components**

Component	Value	Reference Range	Flag	Lab
Urea	1.5	1.7 - 8.3 mmol/L	L ▼	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urea (Abnormal)**

Resulted: 20/07/21 06:44, Result status: Edited

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Result - FINAL

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:38  
 Filed by: Interface, Winpath Lab Results In 20/07/21 12:28  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 04:50

**Components**

Component	Value	Reference Range	Flag	Lab
Urea	1.5	1.7 - 8.3 mmol/L	L ▼	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urea (Abnormal)**

Resulted: 20/07/21 06:44, Result status: Edited  
 Result - FINAL

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:38  
 Filed by: Interface, Winpath Lab Results In 20/07/21 06:55  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 04:50

**Components**

Component	Value	Reference Range	Flag	Lab
Urea	1.5	1.7 - 8.3 mmol/L	L ▼	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urea (Abnormal)**

Resulted: 20/07/21 06:41, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:38  
 Filed by: Interface, Winpath Lab Results In 20/07/21 06:42  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 04:50

**Components**

Component	Value	Reference Range	Flag	Lab
Urea	1.5	1.7 - 8.3 mmol/L	L ▼	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urea**

Resulted: 20/07/21 06:05, Result status: In process

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:38  
 Filed by: Interface, Winpath Lab Results In 20/07/21 06:05

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 04:50

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**COVID-19 (Final result)**

Electronically signed by: **Hannah NYBERG, RN on 20/07/21 01:39** Status: **Completed**  
 Ordering user: Hannah NYBERG, RN 20/07/21 01:39 Ordering clinician: Hannah NYBERG, RN  
 Authorised by: Christine GREGSON Ordering mode: Standard: no cosign required  
 Frequency: Routine Once 20/07/21 01:39 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Final result  
 Instance released by: Hannah NYBERG, RN (auto-released) 20/7/2021 01:39

**Questionnaire**

Question	Answer
Where is this test being performed?	Inpatient ITU
Why is this test being performed?	Surveillance
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
23U245199	Swab	Swab - Combined Throat and Nose	Hannah NYBERG, RN 20/07/21 04:50

**COVID-19**

Resulted: 20/07/21 19:21, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:39 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 20/07/21 19:22 Collected by: Hannah NYBERG, RN 20/07/21 04:50  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Specimen Type	Nose and Throat Swab	—	—	Winpath
COVID-19 RESULT	NOT detected	—	—	Winpath
COVID-19 CLINICAL COMMENT	--	—	—	Winpath

Result:  
 The virus that causes COVID-19 is NOT DETECTED.  
 This result was produced using a direct RT-PCR  
 method. This assay is UKAS accredited.

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**COVID-19**

Resulted: 20/07/21 09:04, Result status: In process

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:39 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 20/07/21 09:04 Collected by: Hannah NYBERG, RN 20/07/21 04:50  
 Resulting lab: HSL WINPATH

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**MRSA Screen (Culture) (Final result)**

Electronically signed by: **Hannah NYBERG, RN on 20/07/21 01:39** Status: **Completed**  
 Ordering user: Hannah NYBERG, RN 20/07/21 01:39 Ordering clinician: Hannah NYBERG, RN  
 Authorised by: Christine GREGSON Ordering mode: Standard: no cosign required  
 Frequency: Routine Once 20/07/21 01:40 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Final result  
 Instance released by: Hannah NYBERG, RN (auto-released) 20/7/2021 01:39

**Questionnaire**

Question	Answer
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
20V337867	Swab	Swab - Nose and Groin	Hannah NYBERG, RN 20/07/21 04:50

**MRSA Screen (Culture)**

Resulted: 21/07/21 06:47, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:39 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 21/07/21 06:49 Collected by: Hannah NYBERG, RN 20/07/21 04:50  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
MRSA CULTURE SCREENING TEST	MRSA CULTURE REPORT	—	—	Winpath
Culture	No MRSA isolated.	—	—	Winpath
STATUS	COMPLETE: 21/07/21	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**MRSA Screen (Culture)**

Resulted: 20/07/21 07:10, Result status: In process

Ordering clinician: Hannah NYBERG, RN 20/07/21 01:39 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 20/07/21 07:10 Collected by: Hannah NYBERG, RN 20/07/21 04:50  
 Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

<b>16 - Winpath</b>	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present
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**Creatine Kinase (Final result)**

Status: **Completed**

Order placed as a reflex to Magnesium ordered on 20/07/21 at 01:38  
 Ordering user: Interface, Winpath Lab Results In 20/07/21 12:43  
 Authorised by: Christine GREGSON  
 Frequency: Routine Once 20/07/21 12:43 - 1 occurrence  
 Quantity: 1  
 Instance released by: (auto-released) 20/7/2021 12:43

Ordering clinician: Hannah NYBERG, RN  
 Ordering mode: Standard  
 Class: Lab Collect  
 Lab status: Final result

**Specimen Information**

ID	Type	Source	Collected By
23U245196	—	Blood	20/07/21 04:50

**Creatine Kinase (Abnormal)**

Resulted: 20/07/21 13:03, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 20/07/21 12:43  
 Filed by: Interface, Winpath Lab Results In 20/07/21 13:08  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: 20/07/21 04:50

**Components**

Component	Value	Reference Range	Flag	Lab
Creatine kinase	530	26 - 140 IU/L	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
<b>16 - Winpath</b>	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Creatine Kinase**

Resulted: 20/07/21 12:43, Result status: In process

Ordering clinician: Hannah NYBERG, RN 20/07/21 12:43  
 Filed by: Interface, Winpath Lab Results In 20/07/21 12:43  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: 20/07/21 04:50

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
<b>16 - Winpath</b>	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 20/07/21 04:57**  
 Ordering user: Interface, Aqure Results In 20/07/21 04:57  
 Authorised by: Provider Not In SYSTEM  
 Frequency: Routine Once 20/07/21 04:58 - 1 occurrence  
 Quantity: 1  
 Instance released by: (auto-released) 20/7/2021 04:58  
 Order comments: Ordered by an unspecified clinician

Status: **Completed**

Ordering clinician: Provider Not In SYSTEM  
 Ordering mode: Standard  
 Class: Normal  
 Lab status: Final result

**Specimen Information**

ID	Type	Source	Collected By
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

— Blood — 20/07/21 04:57

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 20/07/21 04:57, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 20/07/21 04:57 Order status: Completed  
Filed by: Interface, Aqure Results In 20/07/21 04:58 Collected by: 20/07/21 04:57  
Resulting lab: AQURE  
Narrative:  
Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.472	—	H ^	56
Comment: Value above reference range				
Carbon Dioxide partial pressure	4.82	kPa	—	56
Oxygen partial pressure	14.9	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.7	mmol/l	—	56
Sodium	161	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.18	mmol/l	—	56
Chloride	128	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	7.7	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	1.2	mmol/l	—	56
Total Haemoglobin	136	g/l	—	56
Deoxyhaemoglobin	1.4	%	—	56
Oxyhaemoglobin	97.0	%	—	56
Saturated Oxygen	98.6	%	—	56
Carboxyhaemoglobin	0.6	%	—	56
Methaemoglobin	1.0	%	—	56
Fraction of Inspired Oxygen	25.0	%	—	56
Standard Base Excess	2.8	mmol/l	—	56
Standard Bicarbonate	27.0	mmol/l	—	56
Haematocrit	41.7	%	—	56
Oxygen tension at 50% saturation	3.26	kPa	—	56
Oxygen content	8.3	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 20/07/21 07:58** Status: **Completed**  
Ordering user: Interface, Aqure Results In 20/07/21 07:58 Ordering clinician: Provider Not In SYSTEM  
Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
Frequency: Routine Once 20/07/21 07:59 - 1 occurrence Class: Normal  
Quantity: 1 Lab status: Final result  
Instance released by: (auto-released) 20/7/2021 07:58  
Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	20/07/21 07:58

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 20/07/21 07:58, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 20/07/21 07:58 Order status: Completed

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Filed by: Interface, Aqure Results In 20/07/21 07:58  
Resulting lab: AQUIRE  
Narrative:  
Oxi compensated for HbF

Collected by: 20/07/21 07:58

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.481	—	H ^	56
Comment: Value above reference range				
Carbon Dioxide partial pressure	4.45	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	20.4	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.7	mmol/l	—	56
Sodium	158	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.12	mmol/l	—	56
Chloride	128	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	7.4	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	1.2	mmol/l	—	56
Total Haemoglobin	131	g/l	—	56
Deoxyhaemoglobin	0.9	%	L v	56
Comment: Value below reference range				
Oxyhaemoglobin	97.8	%	—	56
Saturated Oxygen	99.1	%	H ^	56
Comment: Value above reference range				
Carboxyhaemoglobin	0.5	%	—	56
Methaemoglobin	0.8	%	—	56
Fraction of Inspired Oxygen	25.0	%	—	56
Standard Base Excess	1.4	mmol/l	—	56
Standard Bicarbonate	26.0	mmol/l	—	56
Haematocrit	40.0	%	—	56
Oxygen tension at 50% saturation	3.22	kPa	—	56
Oxygen content	8.1	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 20/07/21 10:35**

Status: **Completed**

Ordering user: Interface, Aqure Results In 20/07/21 10:35

Ordering clinician: Provider Not In SYSTEM

Authorised by: Provider Not In SYSTEM

Ordering mode: Standard

Frequency: Routine Once 20/07/21 10:36 - 1 occurrence

Class: Normal

Quantity: 1

Lab status: Final result

Instance released by: (auto-released) 20/7/2021 10:35

Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	20/07/21 10:35

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 20/07/21 10:35, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 20/07/21 10:35

Order status: Completed

Filed by: Interface, Aqure Results In 20/07/21 10:35

Collected by: 20/07/21 10:35

Resulting lab: AQUIRE

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 3 of 5) (continued)**

Narrative:

Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.505	—	H ^	56
Comment: Value above reference range				
Carbon Dioxide partial pressure	4.28	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	14.7	kPa	H ^	56
Comment: Value above reference range				
Potassium	4.1	mmol/l	—	56
Sodium	157	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.19	mmol/l	—	56
Chloride	125	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	7.2	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	1.3	mmol/l	—	56
Total Haemoglobin	142	g/l	—	56
Deoxyhaemoglobin	1.6	%	—	56
Oxyhaemoglobin	96.9	%	—	56
Saturated Oxygen	98.4	%	—	56
Carboxyhaemoglobin	0.5	%	—	56
Methaemoglobin	1.0	%	—	56
Fraction of Inspired Oxygen	25.0	%	—	56
Standard Base Excess	2.2	mmol/l	—	56
Standard Bicarbonate	26.8	mmol/l	—	56
Haematocrit	43.5	%	—	56
Oxygen tension at 50% saturation	3.14	kPa	—	56
Oxygen content	8.7	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5)**

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 20/07/21 14:05** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 20/07/21 14:05 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 20/07/21 14:06 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 20/7/2021 14:05  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	20/07/21 14:05

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 20/07/21 14:05, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 20/07/21 14:05 Order status: Completed  
 Filed by: Interface, Aqure Results In 20/07/21 14:05 Collected by: 20/07/21 14:05  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.454	—	H ^	56
Comment: Value above reference range				
Carbon Dioxide partial pressure	4.69	kPa	—	56
Oxygen partial pressure	13.2	kPa	—	56
Potassium	3.2	mmol/l	L v	56
Comment: Value below reference range				
Sodium	156	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.16	mmol/l	—	56
Chloride	124	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	7.3	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	1.2	mmol/l	—	56
Total Haemoglobin	134	g/l	—	56
Deoxyhaemoglobin	1.9	%	—	56
Oxyhaemoglobin	96.7	%	—	56
Saturated Oxygen	98.1	%	—	56
Carboxyhaemoglobin	0.5	%	—	56
Methaemoglobin	0.9	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	0.7	mmol/l	—	56
Standard Bicarbonate	25.4	mmol/l	—	56
Haematocrit	41.1	%	—	56
Oxygen tension at 50% saturation	3.32	kPa	—	56
Oxygen content	8.2	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 20/07/21 17:17** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 20/07/21 17:17 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

Frequency: Routine Once 20/07/21 17:18 - 1 occurrence  
 Quantity: 1  
 Instance released by: (auto-released) 20/7/2021 17:18  
 Order comments: Ordered by an unspecified clinician

Class: Normal  
 Lab status: Final result

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	20/07/21 17:17

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 20/07/21 17:17, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 20/07/21 17:17  
 Filed by: Interface, Aqure Results In 20/07/21 17:18  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

Order status: Completed  
 Collected by: 20/07/21 17:17

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.500	—	H ^	56
Comment: Value above reference range				
Carbon Dioxide partial pressure	4.20	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	13.5	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.7	mmol/l	—	56
Sodium	161	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.21	mmol/l	—	56
Chloride	130	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	5.9	mmol/l	—	56
Lactate	0.7	mmol/l	—	56
Total Haemoglobin	147	g/l	—	56
Deoxyhaemoglobin	1.7	%	—	56
Oxyhaemoglobin	97.6	%	—	56
Saturated Oxygen	98.3	%	—	56
Carboxyhaemoglobin	0.1	%	L v	56
Comment: Value below reference range				
Methaemoglobin	0.6	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	1.4	mmol/l	—	56
Standard Bicarbonate	26.3	mmol/l	—	56
Haematocrit	45.0	%	—	56
Oxygen tension at 50% saturation	3.09	kPa	—	56
Oxygen content	9.0	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 20/07/21 21:00**

Status: **Completed**

Ordering user: Interface, Aqure Results In 20/07/21 21:00  
 Authorised by: Provider Not In SYSTEM  
 Frequency: Routine Once 20/07/21 21:01 - 1 occurrence  
 Quantity: 1  
 Instance released by: (auto-released) 20/7/2021 21:01  
 Order comments: Ordered by an unspecified clinician

Ordering clinician: Provider Not In SYSTEM  
 Ordering mode: Standard  
 Class: Normal  
 Lab status: Final result

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	20/07/21 21:00

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 20/07/21 21:00, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 20/07/21 21:00  
 Filed by: Interface, Aqure Results In 20/07/21 21:01  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

Order status: Completed  
 Collected by: 20/07/21 21:00

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.426	—	—	56
Carbon Dioxide partial pressure	4.91	kPa	—	56
Oxygen partial pressure	13.5	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.2	mmol/l	L v	56
Comment: Value below reference range				
Sodium	166	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.23	mmol/l	—	56
Chloride	133	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	7.8	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	1.2	mmol/l	—	56
Total Haemoglobin	149	g/l	—	56
Deoxyhaemoglobin	2.2	%	—	56
Oxyhaemoglobin	96.3	%	—	56
Saturated Oxygen	97.8	%	—	56
Carboxyhaemoglobin	0.7	%	—	56
Methaemoglobin	0.8	%	—	56
Fraction of Inspired Oxygen	25.0	%	—	56
Standard Base Excess	-0.1	mmol/l	—	56
Standard Bicarbonate	24.5	mmol/l	—	56
Haematocrit	45.8	%	—	56
Oxygen tension at 50% saturation	3.41	kPa	—	56
Oxygen content	9.1	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**Urine Osmolality (Final result)**

Electronically signed by: **Hannah NYBERG, RN on 20/07/21 22:13**

Status: **Completed**

Ordering user: Hannah NYBERG, RN 20/07/21 22:13

Authorised by: Reecha SOFAT

Frequency: Routine Once 20/07/21 22:13 - 1 occurrence

Quantity: 1

Instance released by: Hannah NYBERG, RN (auto-released) 20/7/2021 22:13

Ordering clinician: Hannah NYBERG, RN

Ordering mode: Standard: no cosign required

Class: Lab Collect

Lab status: Final result

**Questionnaire**

Question	Answer
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

**Specimen Information**

ID	Type	Source	Collected By
23U250605	Urine	Urine	Hannah NYBERG, RN 20/07/21 22:00

**Urine Osmolality (Abnormal)**

Resulted: 21/07/21 00:34, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 20/07/21 22:13  
 Filed by: Interface, Winpath Lab Results In 21/07/21 01:09  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 22:00

**Components**

Component	Value	Reference Range	Flag	Lab
Urine osmolality	69	300 - 900 mosmol/kg	L v	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urine Osmolality**

Resulted: 20/07/21 23:20, Result status: In process

Ordering clinician: Hannah NYBERG, RN 20/07/21 22:13  
 Filed by: Interface, Winpath Lab Results In 20/07/21 23:20  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 22:00

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Osmolality (Edited Result - FINAL)**

Electronically signed by: **Hannah NYBERG, RN on 20/07/21 22:13**

Status: **Completed**

Ordering user: Hannah NYBERG, RN 20/07/21 22:13

Ordering clinician: Hannah NYBERG, RN

Authorised by: Reecha SOFAT

Ordering mode: Standard: no cosign required

Frequency: Routine Once 20/07/21 22:14 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Edited Result - FINAL

Instance released by: Hannah NYBERG, RN (auto-released) 20/7/2021 22:13

**Questionnaire**

Question	Answer
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
23U250581	Blood	Blood	Hannah NYBERG, RN 20/07/21 22:13

Resulted: 21/07/21 00:34, Result status: Edited Result - FINAL

**Osmolality (Abnormal)**

Ordering clinician: Hannah NYBERG, RN 20/07/21 22:13  
 Filed by: Interface, Winpath Lab Results In 22/07/21 10:48  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 22:13

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

**Components**

Component	Value	Reference Range	Flag	Lab
Osmolality	341	285 - 295 mosmol/kg	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Osmolality (Abnormal)**

Resulted: 21/07/21 00:34, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 20/07/21 22:13  
 Filed by: Interface, Winpath Lab Results In 21/07/21 01:09  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 22:13

**Components**

Component	Value	Reference Range	Flag	Lab
Osmolality	341	285 - 295 mosmol/kg	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Osmolality**

Resulted: 20/07/21 23:21, Result status: In process

Ordering clinician: Hannah NYBERG, RN 20/07/21 22:13  
 Filed by: Interface, Winpath Lab Results In 20/07/21 23:21  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 22:13

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urine Osmolality (Discontinued)**

Electronically signed by: **Rebecca MCMILLAN on 20/07/21 22:28**

Status: **Discontinued**

Ordering user: Rebecca MCMILLAN 20/07/21 22:28  
 Authorised by: Reece SOFAT  
 Frequency: Routine Once 20/07/21 22:28 - 1 occurrence  
 Quantity: 1

Ordering clinician: Rebecca MCMILLAN  
 Ordering mode: Standard  
 Class: Lab Collect  
 Instance released by: Rebecca MCMILLAN (auto-released)  
 20/7/2021 22:28

Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:50 [Patient Discharge]

**Questionnaire**

Question	Answer
Clinical Details:	DI
Contact Details (Tel or Bleep)	70301

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

**Specimen Information**

ID	Type	Source	Collected By
—	Urine	Urine	—

**FBC and Differential (Final result)**

Electronically signed by: **Rebecca MCMILLAN on 20/07/21 22:28** Status: **Completed**  
 Ordering user: Rebecca MCMILLAN 20/07/21 22:28 Ordering clinician: Rebecca MCMILLAN  
 Authorised by: Reecha SOFAT Ordering mode: Standard  
 Frequency: Routine Once 20/07/21 22:26 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Final result  
 Instance released by: Rebecca MCMILLAN (auto-released) 20/7/2021 22:28

**Questionnaire**

Question	Answer
Clinical Details:	DI
Contact Details (Tel or Bleep)	70301

**Specimen Information**

ID	Type	Source	Collected By
23U250606	Blood	Blood	Hannah NYBERG, RN 20/07/21 22:33

**FBC and Differential (Abnormal)**

Resulted: 20/07/21 23:43, Result status: Final result

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 20/07/21 23:44 Collected by: Hannah NYBERG, RN 20/07/21 22:33  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
White cell count	15.12	3.0 - 10.0 x10 <sup>9</sup> /L	H ^	Winpath
Red cell count	4.77	3.95 - 5.15 x10 <sup>12</sup> /L	—	Winpath
Haemoglobin (g/L)	145	115 - 155 g/L	—	Winpath
HCT	0.434	0.33 - 0.45 L/L	—	Winpath
MCV	91.0	80 - 99 fL	—	Winpath
MCH	30.4	27.0 - 33.5 pg	—	Winpath
MCHC (g/L)	334	320 - 360 g/L	—	Winpath
RDW	12.3	11.5 - 15.0 %	—	Winpath
Platelet count	206	150 - 400 x10 <sup>9</sup> /L	—	Winpath
MPV	8.8	7 - 13 fL	—	Winpath
Neutrophils	10.48	2.0 - 7.5 x10 <sup>9</sup> /L	H ^	Winpath
Lymphocytes	3.02	1.2 - 3.65 x10 <sup>9</sup> /L	—	Winpath
Monocytes	1.47	0.2 - 1.0 x10 <sup>9</sup> /L	H ^	Winpath
Eosinophils	0.11	0.0 - 0.4 x10 <sup>9</sup> /L	—	Winpath
Basophils	0.05	0.0 - 0.1 x10 <sup>9</sup> /L	—	Winpath
XE Nucleated RBCs abs	0.00	0 - 0.01 x10 <sup>9</sup> /L	—	Winpath
XE Nucleated RBCs %	0.0	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**FBC and Differential**

Resulted: 20/07/21 23:20, Result status: In process

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 20/07/21 23:20 Collected by: Hannah NYBERG, RN 20/07/21 22:33

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Edited Result - FINAL)**

Electronically signed by: **Rebecca MCMILLAN on 20/07/21 22:28** Status: **Completed**  
 Ordering user: Rebecca MCMILLAN 20/07/21 22:28 Ordering clinician: Rebecca MCMILLAN  
 Authorised by: Reecha SOFAT Ordering mode: Standard  
 Frequency: Routine Once 20/07/21 22:26 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Edited Result - FINAL  
 Instance released by: Rebecca MCMILLAN (auto-released) 20/7/2021 22:28

**Questionnaire**

Question	Answer
Clinical Details:	DI
Contact Details (Tel or Bleep)	70301

**Specimen Information**

ID	Type	Source	Collected By
23U250607	Blood	Blood	Hannah NYBERG, RN 20/07/21 22:33

Resulted: 20/07/21 23:59, Result status: Edited Result - FINAL

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Abnormal)**

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 22/07/21 10:48 Collected by: Hannah NYBERG, RN 20/07/21 22:33  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Sodium	165	135 - 145 mmol/L	H ^	Winpath
Potassium	4.6	3.5 - 5.1 mmol/L	—	Winpath
Creatinine	68	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath
Comment: Units: mL/min/1.73sqm Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: <a href="http://www.renal.org/information-resources">www.renal.org/information-resources</a> Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.				
Bilirubin (total)	8	0 - 20 umol/L	—	Winpath
Alkaline phosphatase	56	35 - 104 IU/L	—	Winpath
Alanine transaminase	32	10 - 35 IU/L	—	Winpath
Albumin	40	34 - 50 g/L	—	Winpath
Calcium	2.38	2.20 - 2.60 mmol/L	—	Winpath
Calcium (albumin-adjusted)	2.49	2.20 - 2.60 mmol/L	—	Winpath
Phosphate	0.76	0.87 - 1.45 mmol/L	L v	Winpath

**Testing Performed By**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 20/07/21 23:59, Result status: Edited  
 Result - FINAL

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Abnormal)**

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 21/07/21 01:09 Collected by: Hannah NYBERG, RN 20/07/21 22:33  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Sodium	165	135 - 145 mmol/L	H ^	Winpath
Potassium	4.6	3.5 - 5.1 mmol/L	—	Winpath
Creatinine	68	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath
Comment: Units: mL/min/1.73sqm Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: <a href="http://www.renal.org/information-resources">www.renal.org/information-resources</a> Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.				
Bilirubin (total)	8	0 - 20 umol/L	—	Winpath
Alkaline phosphatase	56	35 - 104 IU/L	—	Winpath
Alanine transaminase	32	10 - 35 IU/L	—	Winpath
Albumin	40	34 - 50 g/L	—	Winpath
Calcium	2.38	2.20 - 2.60 mmol/L	—	Winpath
Calcium (albumin-adjusted)	2.49	2.20 - 2.60 mmol/L	—	Winpath
Phosphate	0.76	0.87 - 1.45 mmol/L	L v	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Abnormal)**

Resulted: 20/07/21 23:59, Result status: Final result

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 21/07/21 00:07 Collected by: Hannah NYBERG, RN 20/07/21 22:33  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Sodium	165	135 - 145 mmol/L	H ^	Winpath
Potassium	4.6	3.5 - 5.1 mmol/L	—	Winpath
Creatinine	68	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath
Comment: Units: mL/min/1.73sqm Multiply eGFR by 1.21 for people of African				

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

Caribbean origin. Interpret with regard to UK CKD guidelines: [www.renal.org/information-resources](http://www.renal.org/information-resources)  
Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.

Bilirubin (total)	8	0 - 20 umol/L	—	Winpath
Alkaline phosphatase	56	35 - 104 IU/L	—	Winpath
Alanine transaminase	32	10 - 35 IU/L	—	Winpath
Albumin	40	34 - 50 g/L	—	Winpath
Calcium	2.38	2.20 - 2.60 mmol/L	—	Winpath
Calcium (albumin-adjusted)	2.49	2.20 - 2.60 mmol/L	—	Winpath
Phosphate	0.76	0.87 - 1.45 mmol/L	L ▼	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Abnormal)**

Resulted: 20/07/21 23:46, Result status: Preliminary result

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28  
Filed by: Interface, Winpath Lab Results In 20/07/21 23:47  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Hannah NYBERG, RN 20/07/21 22:33

**Components**

Component	Value	Reference Range	Flag	Lab
Potassium	4.6	3.5 - 5.1 mmol/L	—	Winpath
Creatinine	68	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath

Comment:

Units: mL/min/1.73sqm  
Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: [www.renal.org/information-resources](http://www.renal.org/information-resources)  
Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.

Bilirubin (total)	8	0 - 20 umol/L	—	Winpath
Alkaline phosphatase	56	35 - 104 IU/L	—	Winpath
Alanine transaminase	32	10 - 35 IU/L	—	Winpath
Albumin	40	34 - 50 g/L	—	Winpath
Calcium	2.38	2.20 - 2.60 mmol/L	—	Winpath
Calcium (albumin-adjusted)	2.49	2.20 - 2.60 mmol/L	—	Winpath
Phosphate	0.76	0.87 - 1.45 mmol/L	L ▼	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

W1T 4EU

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles**

Resulted: 20/07/21 23:20, Result status: In process

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28  
 Filed by: Interface, Winpath Lab Results In 20/07/21 23:20  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 22:33

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Gamma-Glutamyl Transferase (Edited Result - FINAL)**

Electronically signed by: **Rebecca MCMILLAN on 20/07/21 22:28**

Status: **Completed**

Ordering user: Rebecca MCMILLAN 20/07/21 22:28

Ordering clinician: Rebecca MCMILLAN

Authorised by: Reecha SOFAT

Ordering mode: Standard

Frequency: Routine Once 20/07/21 22:27 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Edited Result - FINAL

Instance released by: Rebecca MCMILLAN (auto-released) 20/7/2021 22:28

**Questionnaire**

Question	Answer
Clinical Details:	DI
Contact Details (Tel or Bleep)	70301

**Specimen Information**

ID	Type	Source	Collected By
23U250607	Blood	Blood	Hannah NYBERG, RN 20/07/21 22:33

Resulted: 20/07/21 23:59, Result status: Edited Result - FINAL

**Gamma-Glutamyl Transferase**

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28  
 Filed by: Interface, Winpath Lab Results In 22/07/21 10:48  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 22:33

**Components**

Component	Value	Reference Range	Flag	Lab
Gamma glutamyl transferase	16	6 - 42 IU/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 20/07/21 23:59, Result status: Edited Result - FINAL

**Gamma-Glutamyl Transferase**

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28  
 Filed by: Interface, Winpath Lab Results In 21/07/21 01:09  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 22:33

**Components**

Component	Value	Reference Range	Flag	Lab
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

Gamma glutamyl transferase	16	6 - 42 IU/L	—	Winpath
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**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 20/07/21 23:59, Result status: Edited  
 Result - FINAL

**Gamma-Glutamyl Transferase**

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28	Order status: Completed
Filed by: Interface, Winpath Lab Results In 21/07/21 00:07	Collected by: Hannah NYBERG, RN 20/07/21 22:33
Resulting lab: HSL WINPATH	

**Components**

Component	Value	Reference Range	Flag	Lab
Gamma glutamyl transferase	16	6 - 42 IU/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Gamma-Glutamyl Transferase**

Resulted: 20/07/21 23:46, Result status: Final result

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28	Order status: Completed
Filed by: Interface, Winpath Lab Results In 20/07/21 23:47	Collected by: Hannah NYBERG, RN 20/07/21 22:33
Resulting lab: HSL WINPATH	

**Components**

Component	Value	Reference Range	Flag	Lab
Gamma glutamyl transferase	16	6 - 42 IU/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Gamma-Glutamyl Transferase**

Resulted: 20/07/21 23:20, Result status: In process

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28	Order status: Completed
Filed by: Interface, Winpath Lab Results In 20/07/21 23:20	Collected by: Hannah NYBERG, RN 20/07/21 22:33
Resulting lab: HSL WINPATH	

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

W1T 4EU

**Haemoglobin A1c (Final result)**

Electronically signed by: **Rebecca MCMILLAN on 20/07/21 22:28** Status: **Completed**  
 Ordering user: Rebecca MCMILLAN 20/07/21 22:28 Ordering clinician: Rebecca MCMILLAN  
 Authorised by: Reecha SOFAT Ordering mode: Standard  
 Frequency: Routine Once 20/07/21 22:27 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Final result  
 Instance released by: Rebecca MCMILLAN (auto-released) 20/7/2021 22:28

**Questionnaire**

Question	Answer
Clinical Details:	DI
Contact Details (Tel or Bleep)	70301

**Specimen Information**

ID	Type	Source	Collected By
23U250608	Blood	Blood	Hannah NYBERG, RN 20/07/21 22:33

**Haemoglobin A1c**

Resulted: 21/07/21 12:55, Result status: Final result

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 21/07/21 12:57 Collected by: Hannah NYBERG, RN 20/07/21 22:33  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Haemoglobin A1c (%)	5.2	4.0 - 6.0 % total Hb	—	Winpath
Haemoglobin A1c (mmol/mol)	33	20 - 42 mmol/mol	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Haemoglobin A1c**

Resulted: 20/07/21 23:20, Result status: In process

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 20/07/21 23:20 Collected by: Hannah NYBERG, RN 20/07/21 22:33  
 Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Amylase (Edited Result - FINAL)**

Electronically signed by: **Rebecca MCMILLAN on 20/07/21 22:28** Status: **Completed**  
 Ordering user: Rebecca MCMILLAN 20/07/21 22:28 Ordering clinician: Rebecca MCMILLAN  
 Authorised by: Reecha SOFAT Ordering mode: Standard  
 Frequency: Routine Once 20/07/21 22:27 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Edited Result - FINAL  
 Instance released by: Rebecca MCMILLAN (auto-released) 20/7/2021 22:28

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

**Questionnaire**

Question	Answer
Clinical Details:	DI
Contact Details (Tel or Bleep)	70301

**Specimen Information**

ID	Type	Source	Collected By
23U250607	Blood	Blood	Hannah NYBERG, RN 20/07/21 22:33

Resulted: 20/07/21 23:59, Result status: Edited  
 Result - FINAL

**Amylase (Abnormal)**

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 22/07/21 10:48 Collected by: Hannah NYBERG, RN 20/07/21 22:33  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Amylase	130	28 - 100 IU/L	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 20/07/21 23:59, Result status: Edited  
 Result - FINAL

**Amylase (Abnormal)**

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 21/07/21 01:09 Collected by: Hannah NYBERG, RN 20/07/21 22:33  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Amylase	130	28 - 100 IU/L	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 20/07/21 23:59, Result status: Edited  
 Result - FINAL

**Amylase (Abnormal)**

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 21/07/21 00:07 Collected by: Hannah NYBERG, RN 20/07/21 22:33  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Amylase	130	28 - 100 IU/L	H ^	Winpath

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Amylase (Abnormal)**

Resulted: 20/07/21 23:46, Result status: Final result

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28  
 Filed by: Interface, Winpath Lab Results In 20/07/21 23:47  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 22:33

**Components**

Component	Value	Reference Range	Flag	Lab
Amylase	130	28 - 100 IU/L	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Amylase**

Resulted: 20/07/21 23:20, Result status: In process

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28  
 Filed by: Interface, Winpath Lab Results In 20/07/21 23:20  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 22:33

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Total Protein (Edited Result - FINAL)**

Electronically signed by: **Rebecca MCMILLAN on 20/07/21 22:28**

Status: **Completed**

Ordering user: Rebecca MCMILLAN 20/07/21 22:28

Ordering clinician: Rebecca MCMILLAN

Authorised by: Reecha SOFAT

Ordering mode: Standard

Frequency: Routine Once 20/07/21 22:27 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Edited Result - FINAL

Instance released by: Rebecca MCMILLAN (auto-released) 20/7/2021 22:28

**Questionnaire**

Question	Answer
Clinical Details:	DI
Contact Details (Tel or Bleep)	70301

**Specimen Information**

ID	Type	Source	Collected By
23U250607	Blood	Blood	Hannah NYBERG, RN 20/07/21 22:33

Resulted: 20/07/21 23:59, Result status: Edited Result - FINAL

**Total Protein (Abnormal)**

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28  
 Filed by: Interface, Winpath Lab Results In 22/07/21 10:48

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 22:33

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Total Protein	61	63 - 83 g/L	L ▼	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 20/07/21 23:59, Result status: Edited  
Result - FINAL

**Total Protein (Abnormal)**

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28  
Filed by: Interface, Winpath Lab Results In 21/07/21 01:09  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Hannah NYBERG, RN 20/07/21 22:33

**Components**

Component	Value	Reference Range	Flag	Lab
Total Protein	61	63 - 83 g/L	L ▼	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 20/07/21 23:59, Result status: Edited  
Result - FINAL

**Total Protein (Abnormal)**

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28  
Filed by: Interface, Winpath Lab Results In 21/07/21 00:07  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Hannah NYBERG, RN 20/07/21 22:33

**Components**

Component	Value	Reference Range	Flag	Lab
Total Protein	61	63 - 83 g/L	L ▼	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 20/07/21 23:46, Result status: Final result

**Total Protein (Abnormal)**

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28  
Filed by: Interface, Winpath Lab Results In 20/07/21 23:47  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Hannah NYBERG, RN 20/07/21 22:33

**Components**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

Component	Value	Reference Range	Flag	Lab
Total Protein	61	63 - 83 g/L	L v	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Total Protein**

Resulted: 20/07/21 23:20, Result status: In process

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28  
 Filed by: Interface, Winpath Lab Results In 20/07/21 23:20  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 22:33

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Aspartate Transaminase (Edited Result - FINAL)**

Electronically signed by: **Rebecca MCMILLAN on 20/07/21 22:28**

Status: **Completed**

Ordering user: Rebecca MCMILLAN 20/07/21 22:28

Ordering clinician: Rebecca MCMILLAN

Authorised by: Reecha SOFAT

Ordering mode: Standard

Frequency: Routine Once 20/07/21 22:27 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Edited Result - FINAL

Instance released by: Rebecca MCMILLAN (auto-released) 20/7/2021 22:28

**Questionnaire**

Question	Answer
Clinical Details:	DI
Contact Details (Tel or Bleep)	70301

**Specimen Information**

ID	Type	Source	Collected By
23U250607	Blood	Blood	Hannah NYBERG, RN 20/07/21 22:33

Resulted: 20/07/21 23:59, Result status: Edited Result - FINAL

**Aspartate Transaminase (Abnormal)**

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28  
 Filed by: Interface, Winpath Lab Results In 22/07/21 10:48  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 22:33

**Components**

Component	Value	Reference Range	Flag	Lab
Aspartate transaminase	52	0 - 31 IU/L	H ^	Winpath
Comment: Please note new reference range from 04/03/2019				

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

London  
 W1T 4EU

Resulted: 20/07/21 23:59, Result status: Edited  
 Result - FINAL

**Aspartate Transaminase (Abnormal)**

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28  
 Filed by: Interface, Winpath Lab Results In 21/07/21 01:09  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 22:33

**Components**

Component	Value	Reference Range	Flag	Lab
Aspartate transaminase	52	0 - 31 IU/L	H ^	Winpath
Comment: Please note new reference range from 04/03/2019				

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Aspartate Transaminase (Abnormal)**

Resulted: 20/07/21 23:59, Result status: Final result

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28  
 Filed by: Interface, Winpath Lab Results In 21/07/21 00:07  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 22:33

**Components**

Component	Value	Reference Range	Flag	Lab
Aspartate transaminase	52	0 - 31 IU/L	H ^	Winpath
Comment: Please note new reference range from 04/03/2019				

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Aspartate Transaminase**

Resulted: 20/07/21 23:20, Result status: In process

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28  
 Filed by: Interface, Winpath Lab Results In 20/07/21 23:20  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 22:33

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Osmolality (Edited Result - FINAL)**

Electronically signed by: **Rebecca MCMILLAN on 20/07/21 22:28**  
 Ordering user: Rebecca MCMILLAN 20/07/21 22:28

Status: **Completed**

Ordering clinician: Rebecca MCMILLAN

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

Authorised by: Reecha SOFAT  
 Frequency: Routine Once 20/07/21 22:29 - 1 occurrence  
 Quantity: 1  
 Instance released by: Rebecca MCMILLAN (auto-released) 20/7/2021 22:28

Ordering mode: Standard  
 Class: Lab Collect  
 Lab status: Edited Result - FINAL

**Questionnaire**

Question	Answer
Clinical Details:	DI
Contact Details (Tel or Bleep)	70301

**Specimen Information**

ID	Type	Source	Collected By
23U250607	Blood	Blood	Hannah NYBERG, RN 20/07/21 22:33

Resulted: 21/07/21 00:36, Result status: Edited Result - FINAL

**Osmolality (Abnormal)**

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28  
 Filed by: Interface, Winpath Lab Results In 22/07/21 10:48  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 22:33

**Components**

Component	Value	Reference Range	Flag	Lab
Osmolality	333	285 - 295 mosmol/kg	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Osmolality (Abnormal)**

Resulted: 21/07/21 00:36, Result status: Final result

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28  
 Filed by: Interface, Winpath Lab Results In 21/07/21 01:09  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 22:33

**Components**

Component	Value	Reference Range	Flag	Lab
Osmolality	333	285 - 295 mosmol/kg	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Osmolality**

Resulted: 20/07/21 23:20, Result status: In process

Ordering clinician: Rebecca MCMILLAN 20/07/21 22:28  
 Filed by: Interface, Winpath Lab Results In 20/07/21 23:20  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 20/07/21 22:33

**Testing Performed By**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 20/07/21 23:03** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 20/07/21 23:03 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 20/07/21 23:04 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 20/7/2021 23:03  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	20/07/21 23:03

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 20/07/21 23:03, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 20/07/21 23:03 Order status: Completed  
 Filed by: Interface, Aqure Results In 20/07/21 23:03 Collected by: 20/07/21 23:03  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.398	—	—	56
Carbon Dioxide partial pressure	5.50	kPa	—	56
Oxygen partial pressure	13.8	kPa	H ^	56
Comment: Value above reference range				
Potassium	4.3	mmol/l	—	56
Sodium	164	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.23	mmol/l	—	56
Chloride	137	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	6.9	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	1.0	mmol/l	—	56
Total Haemoglobin	152	g/l	—	56
Deoxyhaemoglobin	2.2	%	—	56
Oxyhaemoglobin	95.9	%	—	56
Saturated Oxygen	97.8	%	—	56
Carboxyhaemoglobin	0.8	%	—	56
Methaemoglobin	1.1	%	—	56
Fraction of Inspired Oxygen	25.0	%	—	56
Standard Base Excess	0.6	mmol/l	—	56
Standard Bicarbonate	24.8	mmol/l	—	56
Haematocrit	46.4	%	—	56
Oxygen tension at 50% saturation	3.48	kPa	—	56
Oxygen content	9.2	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 21/07/21 01:14** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 21/07/21 01:14 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 21/07/21 01:15 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 21/7/2021 01:14  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	21/07/21 01:14

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 21/07/21 01:14, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 21/07/21 01:14 Order status: Completed  
 Filed by: Interface, Aqure Results In 21/07/21 01:14 Collected by: 21/07/21 01:14  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.385	—	—	56
Carbon Dioxide partial pressure	5.16	kPa	—	56
Oxygen partial pressure	13.8	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.4	mmol/l	L v	56
Comment: Value below reference range				
Sodium	165	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.24	mmol/l	—	56
Chloride	135	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	8.5	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	1.4	mmol/l	—	56
Total Haemoglobin	140	g/l	—	56
Deoxyhaemoglobin	2.0	%	—	56
Oxyhaemoglobin	96.2	%	—	56
Saturated Oxygen	98.0	%	—	56
Carboxyhaemoglobin	0.9	%	—	56
Methaemoglobin	0.9	%	—	56
Fraction of Inspired Oxygen	25.0	%	—	56
Standard Base Excess	-1.9	mmol/l	—	56
Standard Bicarbonate	23.0	mmol/l	—	56
Haematocrit	42.9	%	—	56
Oxygen tension at 50% saturation	3.55	kPa	—	56
Oxygen content	8.5	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**Group & Screen (+/- Crossmatch) (Active)**

Electronically signed by: **Rebecca MCMILLAN on 20/07/21 22:28** Status: **Active**  
 Ordering user: Rebecca MCMILLAN 20/07/21 22:28 Ordering clinician: Rebecca MCMILLAN

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

Authorised by: Reecha SOFAT  
Frequency: Routine Once 20/07/21 22:27 - 1 occurrence  
Quantity: 1

Ordering mode: Standard  
Class: Lab Collect  
Instance released by: Rebecca MCMILLAN (auto-released)  
20/7/2021 22:28

**Questionnaire**

Question	Answer
Would you also like to order blood?	No
Does the patient have sickle cell disease, thalassaemia major/ intermedia or other haemoglobinopathy?	No
Is the patient pregnant?	No
Diagnosis	Medical
Type	Other
Contact Details (Tel or Bleep)	70301
Print Requisition	Transfusion samples without request forms are rejected. Collect from FollowMe (Printed Automatically)

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	Blood	Hannah NYBERG, RN 21/07/21 01:27

**Group & Screen (+/- Crossmatch) (Discontinued)**

Electronically signed by: **Hannah NYBERG, RN on 21/07/21 01:31** Status: **Discontinued**  
Ordering user: Hannah NYBERG, RN 21/07/21 01:31 Ordering clinician: Hannah NYBERG, RN  
Authorised by: Reecha SOFAT Ordering mode: Standard: no cosign required  
Frequency: Routine Once 21/07/21 01:31 - 1 occurrence Class: Lab Collect  
Quantity: 1 Instance released by: Hannah NYBERG, RN (auto-released)  
21/7/2021 01:31  
Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:50 [Patient Discharge]

**Questionnaire**

Question	Answer
Would you also like to order blood?	No
Does the patient have sickle cell disease, thalassaemia major/ intermedia or other haemoglobinopathy?	No
Is the patient pregnant?	No
Diagnosis	Medical
Type	Other
Contact Details (Tel or Bleep)	itu
Print Requisition	Transfusion samples without request forms are rejected. Collect from FollowMe (Printed Automatically)

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	Blood	—

**Group & Screen (+/- Crossmatch) (Final result)**

Electronically signed by: **Interface, Blood Bank Results In on 21/07/21 01:45** Status: **Completed**  
Ordering user: Interface, Blood Bank Results In 21/07/21 01:45 Ordering clinician: Provider Not In SYSTEM  
Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
Frequency: Routine Once 21/07/21 01:45 - 1 occurrence Class: Normal  
Quantity: 1 Lab status: Final result  
Instance released by: (auto-released) 21/7/2021 02:50  
Order comments: Ordered by REECHA SOFAT

**Specimen Information**

ID	Type	Source	Collected By
21B021665	—	—	21/07/21 01:45

**Group & Screen (+/- Crossmatch)**

Resulted: 21/07/21 03:49, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 21/07/21 01:45 Order status: Completed  
Filed by: Interface, Blood Bank Results In 21/07/21 03:50 Collected by: 21/07/21 01:45

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

Resulting lab: BANK MANAGER

**Components**

Component	Value	Reference Range	Flag	Lab
Group	AB POS	—	—	Bld Bank
Ab. Screen	Negative	—	—	Bld Bank

Additional Resulting Lab Information

Please send a NEW group and screen sample for confirmation of blood group prior to non-urgent transfusion. Only Group O emergency blood will be available until group confirmed.

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
17 - Bld Bank	BANK MANAGER	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	09/10/18 12:40 - Present

**Group & Screen (+/- Crossmatch)**

Resulted: 21/07/21 02:50, Result status: In process

Ordering clinician: Provider Not In SYSTEM 21/07/21 01:45  
 Filed by: Interface, Blood Bank Results In 21/07/21 02:50  
 Resulting lab: BANK MANAGER

Order status: Completed  
 Collected by: 21/07/21 01:45

Additional Resulting Lab Information

Please send a NEW group and screen sample for confirmation of blood group prior to non-urgent transfusion. Only Group O emergency blood will be available until group confirmed.

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
17 - Bld Bank	BANK MANAGER	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	09/10/18 12:40 - Present

**FBC and Differential (Final result)**

Electronically signed by: **Hannah NYBERG, RN on 21/07/21 02:28** Status: **Completed**  
 Ordering user: Hannah NYBERG, RN 21/07/21 02:28  
 Authorised by: Reecha SOFAT  
 Frequency: Routine Once 21/07/21 02:28 - 1 occurrence  
 Quantity: 1  
 Instance released by: Hannah NYBERG, RN (auto-released) 21/7/2021 02:28

Ordering clinician: Hannah NYBERG, RN  
 Ordering mode: Standard: no cosign required  
 Class: Lab Collect  
 Lab status: Final result

**Questionnaire**

Question	Answer
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
23U251029	Blood	Blood	Hannah NYBERG, RN 21/07/21 04:32

**FBC and Differential (Abnormal)**

Resulted: 21/07/21 06:10, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 21/07/21 02:28  
 Filed by: Interface, Winpath Lab Results In 21/07/21 06:12  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 21/07/21 04:32

**Components**

Component	Value	Reference Range	Flag	Lab
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

White cell count	12.68	3.0 - 10.0 x10 <sup>9</sup> /L	H ^	Winpath
Red cell count	4.54	3.95 - 5.15 x10 <sup>12</sup> /L	—	Winpath
Haemoglobin (g/L)	135	115 - 155 g/L	—	Winpath
HCT	0.420	0.33 - 0.45 L/L	—	Winpath
MCV	92.5	80 - 99 fL	—	Winpath
MCH	29.7	27.0 - 33.5 pg	—	Winpath
MCHC (g/L)	321	320 - 360 g/L	—	Winpath
RDW	12.4	11.5 - 15.0 %	—	Winpath
Platelet count	194	150 - 400 x10 <sup>9</sup> /L	—	Winpath
MPV	9.4	7 - 13 fL	—	Winpath
Neutrophils	8.17	2.0 - 7.5 x10 <sup>9</sup> /L	H ^	Winpath
Lymphocytes	2.56	1.2 - 3.65 x10 <sup>9</sup> /L	—	Winpath
Monocytes	1.72	0.2 - 1.0 x10 <sup>9</sup> /L	H ^	Winpath
Eosinophils	0.18	0.0 - 0.4 x10 <sup>9</sup> /L	—	Winpath
Basophils	0.05	0.0 - 0.1 x10 <sup>9</sup> /L	—	Winpath
XE Nucleated RBCs abs	0.00	0 - 0.01 x10 <sup>9</sup> /L	—	Winpath
XE Nucleated RBCs %	0.0	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**FBC and Differential**

Resulted: 21/07/21 05:56, Result status: In process

Ordering clinician: Hannah NYBERG, RN 21/07/21 02:28  
Filed by: Interface, Winpath Lab Results In 21/07/21 05:56  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Hannah NYBERG, RN 21/07/21 04:32

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**C-reactive protein (Edited Result - FINAL)**

Electronically signed by: **Hannah NYBERG, RN on 21/07/21 02:28**

Status: **Completed**

Ordering user: Hannah NYBERG, RN 21/07/21 02:28

Ordering clinician: Hannah NYBERG, RN

Authorised by: Reecha SOFAT

Ordering mode: Standard: no cosign required

Frequency: Routine Once 21/07/21 02:28 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Edited Result - FINAL

Instance released by: Hannah NYBERG, RN (auto-released) 21/7/2021 02:28

**Questionnaire**

Question	Answer
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
23U251030	Blood	Blood	Hannah NYBERG, RN 21/07/21 04:32

Resulted: 21/07/21 06:29, Result status: Edited Result - FINAL

**C-reactive protein (Abnormal)**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

Ordering clinician: Hannah NYBERG, RN 21/07/21 02:28  
 Filed by: Interface, Winpath Lab Results In 23/07/21 11:57  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 21/07/21 04:32

**Components**

Component	Value	Reference Range	Flag	Lab
C-reactive protein	98.2	0 - 5.0 mg/L	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 21/07/21 06:29, Result status: Edited  
 Result - FINAL

**C-reactive protein (Abnormal)**

Ordering clinician: Hannah NYBERG, RN 21/07/21 02:28  
 Filed by: Interface, Winpath Lab Results In 21/07/21 06:42  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 21/07/21 04:32

**Components**

Component	Value	Reference Range	Flag	Lab
C-reactive protein	98.2	0 - 5.0 mg/L	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 21/07/21 06:29, Result status: Final result

**C-reactive protein (Abnormal)**

Ordering clinician: Hannah NYBERG, RN 21/07/21 02:28  
 Filed by: Interface, Winpath Lab Results In 21/07/21 06:30  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 21/07/21 04:32

**Components**

Component	Value	Reference Range	Flag	Lab
C-reactive protein	98.2	0 - 5.0 mg/L	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 21/07/21 05:57, Result status: In process

**C-reactive protein**

Ordering clinician: Hannah NYBERG, RN 21/07/21 02:28  
 Filed by: Interface, Winpath Lab Results In 21/07/21 05:57  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 21/07/21 04:32

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Edited Result - FINAL)**

Electronically signed by: **Hannah NYBERG, RN on 21/07/21 02:28** Status: **Completed**  
 Ordering user: Hannah NYBERG, RN 21/07/21 02:28 Ordering clinician: Hannah NYBERG, RN  
 Authorised by: Reecha SOFAT Ordering mode: Standard: no cosign required  
 Frequency: Routine Once 21/07/21 02:28 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Edited Result - FINAL  
 Instance released by: Hannah NYBERG, RN (auto-released) 21/7/2021 02:28

**Questionnaire**

Question	Answer
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
23U251030	Blood	Blood	Hannah NYBERG, RN 21/07/21 04:32

Resulted: 21/07/21 06:40, Result status: Edited  
 Result - FINAL

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Abnormal)**

Ordering clinician: Hannah NYBERG, RN 21/07/21 02:28 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 23/07/21 11:57 Collected by: Hannah NYBERG, RN 21/07/21 04:32  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Sodium	159	135 - 145 mmol/L	H ^	Winpath
Potassium	4.2	3.5 - 5.1 mmol/L	—	Winpath
Creatinine	60	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath
Comment: Units: mL/min/1.73sqm Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: <a href="http://www.renal.org/information-resources">www.renal.org/information-resources</a> Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.				
Bilirubin (total)	8	0 - 20 umol/L	—	Winpath
Alkaline phosphatase	58	35 - 104 IU/L	—	Winpath
Alanine transaminase	29	10 - 35 IU/L	—	Winpath
Albumin	37	34 - 50 g/L	—	Winpath
Calcium	2.23	2.20 - 2.60 mmol/L	—	Winpath
Calcium (albumin-adjusted)	2.39	2.20 - 2.60 mmol/L	—	Winpath
Phosphate	1.30	0.87 - 1.45 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

**16 - Winpath** HSL WINPATH Unknown 60 Whitfield St, 18/04/18 15:51 - Present  
 Fitzrovia  
 London  
 W1T 4EU

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Abnormal)**

Resulted: 21/07/21 06:40, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 21/07/21 02:28  
 Filed by: Interface, Winpath Lab Results In 21/07/21 06:42  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 21/07/21 04:32

**Components**

Component	Value	Reference Range	Flag	Lab
Sodium	159	135 - 145 mmol/L	H ^	Winpath
Potassium	4.2	3.5 - 5.1 mmol/L	—	Winpath
Creatinine	60	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath
Comment: Units: mL/min/1.73sqm Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: <a href="http://www.renal.org/information-resources">www.renal.org/information-resources</a> Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.				
Bilirubin (total)	8	0 - 20 umol/L	—	Winpath
Alkaline phosphatase	58	35 - 104 IU/L	—	Winpath
Alanine transaminase	29	10 - 35 IU/L	—	Winpath
Albumin	37	34 - 50 g/L	—	Winpath
Calcium	2.23	2.20 - 2.60 mmol/L	—	Winpath
Calcium (albumin-adjusted)	2.39	2.20 - 2.60 mmol/L	—	Winpath
Phosphate	1.30	0.87 - 1.45 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
<b>16 - Winpath</b>	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles**

Resulted: 21/07/21 06:29, Result status: Preliminary result

Ordering clinician: Hannah NYBERG, RN 21/07/21 02:28  
 Filed by: Interface, Winpath Lab Results In 21/07/21 06:30  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 21/07/21 04:32

**Components**

Component	Value	Reference Range	Flag	Lab
Potassium	4.2	3.5 - 5.1 mmol/L	—	Winpath
Creatinine	60	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath
Comment: Units: mL/min/1.73sqm Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: <a href="http://www.renal.org/information-resources">www.renal.org/information-resources</a> Use with caution for adjusting drug dosages -				

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

contact clinical pharmacist for advice.

Bilirubin (total)	8	0 - 20 umol/L	—	Winpath
Alkaline phosphatase	58	35 - 104 IU/L	—	Winpath
Alanine transaminase	29	10 - 35 IU/L	—	Winpath
Albumin	37	34 - 50 g/L	—	Winpath
Calcium	2.23	2.20 - 2.60 mmol/L	—	Winpath
Calcium (albumin-adjusted)	2.39	2.20 - 2.60 mmol/L	—	Winpath
Phosphate	1.30	0.87 - 1.45 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles**

Resulted: 21/07/21 05:57, Result status: In process

Ordering clinician: Hannah NYBERG, RN 21/07/21 02:28  
 Filed by: Interface, Winpath Lab Results In 21/07/21 05:57  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 21/07/21 04:32

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Magnesium (Edited Result - FINAL)**

Electronically signed by: **Hannah NYBERG, RN on 21/07/21 02:28**

Status: **Completed**

Ordering user: Hannah NYBERG, RN 21/07/21 02:28

Ordering clinician: Hannah NYBERG, RN

Authorised by: Reecha SOFAT

Ordering mode: Standard: no cosign required

Frequency: Routine Once 21/07/21 02:28 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Edited Result - FINAL

Instance released by: Hannah NYBERG, RN (auto-released) 21/7/2021 02:28

**Questionnaire**

Question	Answer
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
23U251030	Blood	Blood	Hannah NYBERG, RN 21/07/21 04:32

Resulted: 21/07/21 06:40, Result status: Edited Result - FINAL

**Magnesium**

Ordering clinician: Hannah NYBERG, RN 21/07/21 02:28  
 Filed by: Interface, Winpath Lab Results In 23/07/21 11:57  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 21/07/21 04:32

**Components**

Component	Value	Reference Range	Flag	Lab
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

Magnesium	0.82	0.60 - 1.00 mmol/L	—	Winpath
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**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 21/07/21 06:40, Result status: Edited  
 Result - FINAL

**Magnesium**

Ordering clinician: Hannah NYBERG, RN 21/07/21 02:28  
 Filed by: Interface, Winpath Lab Results In 21/07/21 06:42  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 21/07/21 04:32

**Components**

Component	Value	Reference Range	Flag	Lab
Magnesium	0.82	0.60 - 1.00 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Magnesium**

Resulted: 21/07/21 06:29, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 21/07/21 02:28  
 Filed by: Interface, Winpath Lab Results In 21/07/21 06:30  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 21/07/21 04:32

**Components**

Component	Value	Reference Range	Flag	Lab
Magnesium	0.82	0.60 - 1.00 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Magnesium**

Resulted: 21/07/21 05:57, Result status: In process

Ordering clinician: Hannah NYBERG, RN 21/07/21 02:28  
 Filed by: Interface, Winpath Lab Results In 21/07/21 05:57  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 21/07/21 04:32

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

**16 - Winpath**      HSL WINPATH      Unknown      60 Whitfield St,  
Fitzrovia  
London  
W1T 4EU      18/04/18 15:51 - Present

**Coagulation Screen (Without Fibrinogen) (Final result)**

Electronically signed by: **Hannah NYBERG, RN on 21/07/21 02:28**      Status: **Completed**  
Ordering user: Hannah NYBERG, RN 21/07/21 02:28      Ordering clinician: Hannah NYBERG, RN  
Authorised by: Reecha SOFAT      Ordering mode: Standard: no cosign required  
Frequency: Routine Once 21/07/21 02:28 - 1 occurrence      Class: Lab Collect  
Quantity: 1      Lab status: Final result  
Instance released by: Hannah NYBERG, RN (auto-released) 21/7/2021 02:28

**Questionnaire**

Question	Answer
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
23U251031	Blood	Blood	Hannah NYBERG, RN 21/07/21 04:32

**Coagulation Screen (Without Fibrinogen) (Abnormal)**

Resulted: 21/07/21 06:27, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 21/07/21 02:28      Order status: Completed  
Filed by: Interface, Winpath Lab Results In 21/07/21 06:29      Collected by: Hannah NYBERG, RN 21/07/21 04:32  
Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Prothrombin Time	13.0	10.0 - 12.0 secs	H ^	Winpath
INR	1.20	—	—	Winpath
APTT	35	25 - 37 secs	—	Winpath
APTT Ratio	1.1	0.8 - 1.2	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
<b>16 - Winpath</b>	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Coagulation Screen (Without Fibrinogen)**

Resulted: 21/07/21 05:56, Result status: In process

Ordering clinician: Hannah NYBERG, RN 21/07/21 02:28      Order status: Completed  
Filed by: Interface, Winpath Lab Results In 21/07/21 05:56      Collected by: Hannah NYBERG, RN 21/07/21 04:32  
Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
<b>16 - Winpath</b>	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**INR (Discontinued)**

Electronically signed by: **Hannah NYBERG, RN on 21/07/21 02:28**      Status: **Discontinued**  
Ordering user: Hannah NYBERG, RN 21/07/21 02:28      Ordering clinician: Hannah NYBERG, RN

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

Authorised by: Reecha SOFAT  
 Frequency: Routine Once 21/07/21 02:28 - 1 occurrence  
 Quantity: 1

Ordering mode: Standard: no cosign required  
 Class: Lab Collect  
 Instance released by: Hannah NYBERG, RN (auto-released)  
 21/7/2021 02:28

Discontinued by: Interface, Winpath Lab Results In 21/07/21 05:56

**Questionnaire**

Question	Answer
Is patient anticoagulated?	Yes
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
23U251031	Blood	Blood	Hannah NYBERG, RN 21/07/21 04:32

**Group & Screen (+/- Crossmatch) (Discontinued)**

Electronically signed by: **Hannah NYBERG, RN on 21/07/21 04:32**

Status: **Discontinued**

Ordering user: Hannah NYBERG, RN 21/07/21 04:32  
 Authorised by: Reecha SOFAT  
 Frequency: Routine Once 21/07/21 04:32 - 1 occurrence  
 Quantity: 1

Ordering clinician: Hannah NYBERG, RN  
 Ordering mode: Standard: no cosign required  
 Class: Lab Collect  
 Instance released by: Hannah NYBERG, RN (auto-released)  
 21/7/2021 04:32

Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:50 [Patient Discharge]

**Questionnaire**

Question	Answer
Would you also like to order blood?	No
Does the patient have sickle cell disease, thalassaemia major/intermedia or other haemoglobinopathy?	No
Is the patient pregnant?	No
Diagnosis	Medical
Type	Other
Contact Details (Tel or Bleep)	itu
Print Requisition	Transfusion samples without request forms are rejected. Collect from FollowMe (Printed Automatically)

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	Blood	—

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 21/07/21 04:40**

Status: **Completed**

Ordering user: Interface, Aqure Results In 21/07/21 04:40  
 Authorised by: Provider Not In SYSTEM  
 Frequency: Routine Once 21/07/21 04:41 - 1 occurrence  
 Quantity: 1

Ordering clinician: Provider Not In SYSTEM  
 Ordering mode: Standard  
 Class: Normal  
 Lab status: Final result

Instance released by: (auto-released) 21/7/2021 04:40

Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	21/07/21 04:40

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 21/07/21 04:40, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 21/07/21 04:40  
 Filed by: Interface, Aqure Results In 21/07/21 04:40  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

Order status: Completed  
 Collected by: 21/07/21 04:40

**Components**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.442	—	—	56
Carbon Dioxide partial pressure	4.69	kPa	—	56
Oxygen partial pressure	10.7	kPa	L ▼	56
Comment: Value below reference range				
Potassium	3.7	mmol/l	—	56
Sodium	161	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.12	mmol/l	L ▼	56
Comment: Value below reference range				
Chloride	130	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	7.7	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.9	mmol/l	—	56
Total Haemoglobin	137	g/l	—	56
Deoxyhaemoglobin	3.1	%	—	56
Oxyhaemoglobin	95.2	%	—	56
Saturated Oxygen	96.8	%	—	56
Carboxyhaemoglobin	0.8	%	—	56
Methaemoglobin	0.9	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	-0.1	mmol/l	—	56
Standard Bicarbonate	24.6	mmol/l	—	56
Haematocrit	42.1	%	—	56
Oxygen tension at 50% saturation	3.05	kPa	—	56
Oxygen content	8.2	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**Group & Screen (+/- Crossmatch) (Final result)**

Electronically signed by: **Interface, Blood Bank Results In on 21/07/21 04:45** Status: **Completed**  
 Ordering user: Interface, Blood Bank Results In 21/07/21 04:45 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 21/07/21 04:45 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 21/7/2021 06:46  
 Order comments: Ordered by REECHA SOFAT

**Specimen Information**

ID	Type	Source	Collected By
21B021678	—	—	21/07/21 04:45

**Group & Screen (+/- Crossmatch)**

Resulted: 21/07/21 08:18, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 21/07/21 04:45 Order status: Completed  
 Filed by: Interface, Blood Bank Results In 21/07/21 08:19 Collected by: 21/07/21 04:45  
 Resulting lab: BANK MANAGER

**Components**

Component	Value	Reference Range	Flag	Lab
Group	AB POS	—	—	Bld Bank
Ab. Screen	Negative	—	—	Bld Bank

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
17 - Bld Bank	BANK MANAGER	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	09/10/18 12:40 - Present

**Group & Screen (+/- Crossmatch)**

Resulted: 21/07/21 06:46, Result status: In process

Ordering clinician: Provider Not In SYSTEM 21/07/21 04:45  
 Filed by: Interface, Blood Bank Results In 21/07/21 06:46  
 Resulting lab: BANK MANAGER

Order status: Completed  
 Collected by: 21/07/21 04:45

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
17 - Bld Bank	BANK MANAGER	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	09/10/18 12:40 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 21/07/21 07:04**

Status: **Completed**

Ordering user: Interface, Aqure Results In 21/07/21 07:04

Ordering clinician: Provider Not In SYSTEM

Authorised by: Provider Not In SYSTEM

Ordering mode: Standard

Frequency: Routine Once 21/07/21 07:05 - 1 occurrence

Class: Normal

Quantity: 1

Lab status: Final result

Instance released by: (auto-released) 21/7/2021 07:04

Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	21/07/21 07:04

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 21/07/21 07:04, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 21/07/21 07:04

Order status: Completed

Filed by: Interface, Aqure Results In 21/07/21 07:04

Collected by: 21/07/21 07:04

Resulting lab: AQUIRE

Narrative:

Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.443	—	—	56
Carbon Dioxide partial pressure	4.78	kPa	—	56
Oxygen partial pressure	13.4	kPa	H ^	56
Comment: Value above reference range				
Potassium	4.4	mmol/l	—	56
Sodium	159	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.15	mmol/l	—	56
Chloride	127	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	6.8	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.9	mmol/l	—	56
Total Haemoglobin	136	g/l	—	56
Deoxyhaemoglobin	1.8	%	—	56
Oxyhaemoglobin	96.4	%	—	56

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

Saturated Oxygen	98.2	%	—	56
Carboxyhaemoglobin	0.8	%	—	56
Methaemoglobin	1.0	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	0.4	mmol/l	—	56
Standard Bicarbonate	25.1	mmol/l	—	56
Haematocrit	41.5	%	—	56
Oxygen tension at 50% saturation	3.34	kPa	—	56
Oxygen content	8.2	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 21/07/21 09:12** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 21/07/21 09:12 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 21/07/21 09:13 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 21/7/2021 09:12  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	21/07/21 09:12

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 21/07/21 09:12, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 21/07/21 09:12 Order status: Completed  
 Filed by: Interface, Aqure Results In 21/07/21 09:12 Collected by: 21/07/21 09:12  
 Resulting lab: AQURE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.485	—	H ^	56
Comment: Value above reference range				
Carbon Dioxide partial pressure	4.19	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	15.3	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.7	mmol/l	—	56
Sodium	156	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.14	mmol/l	—	56
Chloride	124	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	8.6	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	1.1	mmol/l	—	56
Total Haemoglobin	137	g/l	—	56
Deoxyhaemoglobin	1.4	%	—	56
Oxyhaemoglobin	97.2	%	—	56
Saturated Oxygen	98.6	%	—	56
Carboxyhaemoglobin	0.7	%	—	56
Methaemoglobin	0.7	%	—	56

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	0.2	mmol/l	—	56
Standard Bicarbonate	25.3	mmol/l	—	56
Haematocrit	42.1	%	—	56
Oxygen tension at 50% saturation	3.19	kPa	—	56
Oxygen content	8.5	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 21/07/21 11:19** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 21/07/21 11:19 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 21/07/21 11:20 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 21/7/2021 11:19  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	21/07/21 11:19

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 21/07/21 11:19, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 21/07/21 11:19 Order status: Completed  
 Filed by: Interface, Aqure Results In 21/07/21 11:19 Collected by: 21/07/21 11:19  
 Resulting lab: AQURE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.480	—	H ^	56
Comment: Value above reference range				
Carbon Dioxide partial pressure	4.07	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	17.3	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.5	mmol/l	L v	56
Comment: Value below reference range				
Sodium	156	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.12	mmol/l	L v	56
Comment: Value below reference range				
Chloride	125	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	8.5	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.9	mmol/l	—	56
Total Haemoglobin	135	g/l	—	56
Deoxyhaemoglobin	1.2	%	—	56
Oxyhaemoglobin	97.5	%	—	56
Saturated Oxygen	98.8	%	—	56
Carboxyhaemoglobin	0.6	%	—	56
Methaemoglobin	0.7	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

Standard Base Excess	-0.8	mmol/l	—	56
Standard Bicarbonate	24.5	mmol/l	—	56
Haematocrit	41.5	%	—	56
Oxygen tension at 50% saturation	3.21	kPa	—	56
Oxygen content	8.4	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 21/07/21 13:02** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 21/07/21 13:02 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 21/07/21 13:03 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 21/7/2021 13:02  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	21/07/21 13:02

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 21/07/21 13:02, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 21/07/21 13:02 Order status: Completed  
 Filed by: Interface, Aqure Results In 21/07/21 13:02 Collected by: 21/07/21 13:02  
 Resulting lab: AQURE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.395	—	—	56
Carbon Dioxide partial pressure	5.05	kPa	—	56
Oxygen partial pressure	16.7	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.6	mmol/l	—	56
Sodium	155	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.15	mmol/l	—	56
Chloride	124	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	7.7	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	1.2	mmol/l	—	56
Total Haemoglobin	131	g/l	—	56
Deoxyhaemoglobin	1.3	%	—	56
Oxyhaemoglobin	97.1	%	—	56
Saturated Oxygen	98.7	%	—	56
Carboxyhaemoglobin	0.8	%	—	56
Methaemoglobin	0.8	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	-1.7	mmol/l	—	56
Standard Bicarbonate	23.2	mmol/l	—	56
Haematocrit	40.2	%	—	56
Oxygen tension at 50% saturation	3.52	kPa	—	56
Oxygen content	8.1	mmol/l	—	56

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 21/07/21 15:01** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 21/07/21 15:01 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 21/07/21 15:02 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 21/7/2021 15:01  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	21/07/21 15:01

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 21/07/21 15:01, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 21/07/21 15:01 Order status: Completed  
 Filed by: Interface, Aqure Results In 21/07/21 15:01 Collected by: 21/07/21 15:01  
 Resulting lab: AQURE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.431	—	—	56
Carbon Dioxide partial pressure	4.77	kPa	—	56
Oxygen partial pressure	15.4	kPa	H ^	56
Comment: Value above reference range				
Potassium	4.6	mmol/l	H ^	56
Comment: Value above reference range				
Sodium	152	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.16	mmol/l	—	56
Chloride	122	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	9.0	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.7	mmol/l	—	56
Total Haemoglobin	135	g/l	—	56
Deoxyhaemoglobin	1.5	%	—	56
Oxyhaemoglobin	96.8	%	—	56
Saturated Oxygen	98.5	%	—	56
Carboxyhaemoglobin	0.8	%	—	56
Methaemoglobin	0.9	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	-0.5	mmol/l	—	56
Standard Bicarbonate	24.3	mmol/l	—	56
Haematocrit	41.5	%	—	56
Oxygen tension at 50% saturation	3.38	kPa	—	56
Oxygen content	8.3	mmol/l	—	56

**Testing Performed By**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 21/07/21 15:59** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 21/07/21 15:59 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 21/07/21 16:00 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 21/7/2021 15:59  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	21/07/21 15:59

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 21/07/21 15:59, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 21/07/21 15:59 Order status: Completed  
 Filed by: Interface, Aqure Results In 21/07/21 15:59 Collected by: 21/07/21 15:59  
 Resulting lab: AQURE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.465	—	H ^	56
Comment: Value above reference range				
Carbon Dioxide partial pressure	4.32	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	69.1	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.8	mmol/l	—	56
Sodium	150	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.15	mmol/l	—	56
Chloride	121	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	10.5	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.8	mmol/l	—	56
Total Haemoglobin	133	g/l	—	56
Deoxyhaemoglobin	0.2	%	L v	56
Comment: Value below reference range				
Oxyhaemoglobin	98.4	%	—	56
Saturated Oxygen	99.8	%	H ^	56
Comment: Value above reference range				
Carboxyhaemoglobin	0.6	%	—	56
Methaemoglobin	0.8	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	-0.5	mmol/l	—	56
Standard Bicarbonate	24.6	mmol/l	—	56
Haematocrit	40.8	%	—	56
Oxygen tension at 50% saturation	3.27	kPa	—	56
Oxygen content	8.9	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

56 - Unknown      AQUIRE      Unknown      Unknown      10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aquire Results In on 21/07/21 17:07**      Status: **Completed**  
 Ordering user: Interface, Aquire Results In 21/07/21 17:07      Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM      Ordering mode: Standard  
 Frequency: Routine Once 21/07/21 17:08 - 1 occurrence      Class: Normal  
 Quantity: 1      Lab status: Final result  
 Instance released by: (auto-released) 21/7/2021 17:07  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	21/07/21 17:07

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 21/07/21 17:07, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 21/07/21 17:07      Order status: Completed  
 Filed by: Interface, Aquire Results In 21/07/21 17:07      Collected by: 21/07/21 17:07  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.470	—	H ^	56
Comment: Value above reference range				
Carbon Dioxide partial pressure	4.02	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	19.4	kPa	H ^	56
Comment: Value above reference range				
Potassium	4.0	mmol/l	—	56
Sodium	150	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.14	mmol/l	—	56
Chloride	121	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	9.9	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	1.0	mmol/l	—	56
Total Haemoglobin	129	g/l	—	56
Deoxyhaemoglobin	0.9	%	L v	56
Comment: Value below reference range				
Oxyhaemoglobin	97.5	%	—	56
Saturated Oxygen	99.1	%	H ^	56
Comment: Value above reference range				
Carboxyhaemoglobin	0.7	%	—	56
Methaemoglobin	0.9	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	-1.7	mmol/l	—	56
Standard Bicarbonate	23.7	mmol/l	—	56
Haematocrit	39.6	%	—	56
Oxygen tension at 50% saturation	3.23	kPa	—	56
Oxygen content	8.0	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 21/07/21 19:19** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 21/07/21 19:19 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 21/07/21 19:20 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 21/7/2021 19:20  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	21/07/21 19:19

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 21/07/21 19:19, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 21/07/21 19:19 Order status: Completed  
 Filed by: Interface, Aqure Results In 21/07/21 19:20 Collected by: 21/07/21 19:19  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.472	—	H ^	56
Comment: Value above reference range				
Carbon Dioxide partial pressure	4.25	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	17.7	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.4	mmol/l	L v	56
Comment: Value below reference range				
Sodium	148	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.17	mmol/l	—	56
Chloride	118	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	9.4	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.8	mmol/l	—	56
Total Haemoglobin	131	g/l	—	56
Deoxyhaemoglobin	1.0	%	—	56
Oxyhaemoglobin	97.5	%	—	56
Saturated Oxygen	99.0	%	—	56
Carboxyhaemoglobin	0.7	%	—	56
Methaemoglobin	0.8	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	-0.4	mmol/l	—	56
Standard Bicarbonate	24.7	mmol/l	—	56
Haematocrit	40.2	%	—	56
Oxygen tension at 50% saturation	3.24	kPa	—	56
Oxygen content	8.1	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

Electronically signed by: **Interface, Aqure Results In on 21/07/21 19:35** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 21/07/21 19:35 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 21/07/21 19:36 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 21/7/2021 19:35  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	21/07/21 19:35

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 21/07/21 19:35, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 21/07/21 19:35 Order status: Completed  
 Filed by: Interface, Aqure Results In 21/07/21 19:35 Collected by: 21/07/21 19:35  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.453	—	H ^	56
Comment: Value above reference range				
Carbon Dioxide partial pressure	4.64	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	17.3	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.4	mmol/l	L v	56
Comment: Value below reference range				
Sodium	148	mmol/l	—	56
Ionised Calcium	1.17	mmol/l	—	56
Chloride	119	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	9.2	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.6	mmol/l	—	56
Total Haemoglobin	131	g/l	—	56
Deoxyhaemoglobin	1.1	%	—	56
Oxyhaemoglobin	97.3	%	—	56
Saturated Oxygen	98.9	%	—	56
Carboxyhaemoglobin	0.7	%	—	56
Methaemoglobin	0.9	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	0.4	mmol/l	—	56
Standard Bicarbonate	25.1	mmol/l	—	56
Haematocrit	40.3	%	—	56
Oxygen tension at 50% saturation	3.31	kPa	—	56
Oxygen content	8.1	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 21/07/21 19:44** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 21/07/21 19:44 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 21/07/21 19:45 - 1 occurrence Class: Normal

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

Quantity: 1  
 Instance released by: (auto-released) 21/7/2021 19:44  
 Order comments: Ordered by an unspecified clinician

Lab status: Final result

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	21/07/21 19:44

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 21/07/21 19:44, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 21/07/21 19:44  
 Filed by: Interface, Aqure Results In 21/07/21 19:44  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

Order status: Completed  
 Collected by: 21/07/21 19:44

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.350	—	L v	56
Comment: Value below reference range				
Carbon Dioxide partial pressure	6.14	kPa	H ^	56
Comment: Value above reference range				
Oxygen partial pressure	9.46	kPa	L v	56
Comment: Value below reference range				
Potassium	3.6	mmol/l	—	56
Sodium	148	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.21	mmol/l	—	56
Chloride	118	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	8.4	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.7	mmol/l	—	56
Total Haemoglobin	129	g/l	—	56
Deoxyhaemoglobin	6.0	%	H ^	56
Comment: Value above reference range				
Oxyhaemoglobin	93.0	%	L v	56
Comment: Value below reference range				
Saturated Oxygen	93.9	%	—	56
Carboxyhaemoglobin	0.3	%	L v	56
Comment: Value below reference range				
Methaemoglobin	0.7	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	-0.2	mmol/l	—	56
Standard Bicarbonate	23.8	mmol/l	—	56
Haematocrit	39.5	%	—	56
Oxygen tension at 50% saturation	3.57	kPa	—	56
Oxygen content	7.5	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 21/07/21 19:56** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 21/07/21 19:56  
 Authorised by: Provider Not In SYSTEM  
 Frequency: Routine Once 21/07/21 19:57 - 1 occurrence  
 Quantity: 1

Ordering clinician: Provider Not In SYSTEM  
 Ordering mode: Standard  
 Class: Normal  
 Lab status: Final result

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

Instance released by: (auto-released) 21/7/2021 19:56

Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	21/07/21 19:56

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 21/07/21 19:56, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 21/07/21 19:56

Order status: Completed

Filed by: Interface, Aqure Results In 21/07/21 19:56

Collected by: 21/07/21 19:56

Resulting lab: AQUIRE

Narrative:

Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.351	—	—	56
Carbon Dioxide partial pressure	6.06	kPa	H ^	56
Comment: Value above reference range				
Oxygen partial pressure	54.4	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.9	mmol/l	—	56
Sodium	147	mmol/l	—	56
Ionised Calcium	1.20	mmol/l	—	56
Chloride	118	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	9.3	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.7	mmol/l	—	56
Total Haemoglobin	128	g/l	—	56
Deoxyhaemoglobin	0.7	%	L v	56
Comment: Value below reference range				
Oxyhaemoglobin	98.8	%	—	56
Saturated Oxygen	99.3	%	H ^	56
Comment: Value above reference range				
Carboxyhaemoglobin	0.0	%	L v	56
Comment: Value below reference range				
Methaemoglobin	0.6	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	-0.5	mmol/l	—	56
Standard Bicarbonate	23.8	mmol/l	—	56
Haematocrit	39.1	%	—	56
Oxygen tension at 50% saturation	3.66	kPa	—	56
Oxygen content	8.4	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: Interface, Aqure Results In on 21/07/21 19:57

Status: **Completed**

Ordering user: Interface, Aqure Results In 21/07/21 19:57

Ordering clinician: Provider Not In SYSTEM

Authorised by: Provider Not In SYSTEM

Ordering mode: Standard

Frequency: Routine Once 21/07/21 19:58 - 1 occurrence

Class: Normal

Quantity: 1

Lab status: Final result

Instance released by: (auto-released) 21/7/2021 19:57

Order comments: Ordered by an unspecified clinician

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 4 of 5) (continued)**

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	21/07/21 19:57

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 21/07/21 19:57, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 21/07/21 19:57

Order status: Completed

Filed by: Interface, Aqure Results In 21/07/21 19:57

Collected by: 21/07/21 19:57

Resulting lab: AQUIRE

Narrative:

Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.360	—	—	56
Carbon Dioxide partial pressure	6.02	kPa	H ^	56
Comment: Value above reference range				
Oxygen partial pressure	52.0	kPa	H ^	56
Comment: Value above reference range				
Potassium	4.2	mmol/l	—	56
Sodium	147	mmol/l	—	56
Ionised Calcium	1.19	mmol/l	—	56
Chloride	119	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	9.2	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.7	mmol/l	—	56
Total Haemoglobin	130	g/l	—	56
Deoxyhaemoglobin	0.7	%	L v	56
Comment: Value below reference range				
Oxyhaemoglobin	98.7	%	—	56
Saturated Oxygen	99.3	%	H ^	56
Comment: Value above reference range				
Carboxyhaemoglobin	0.0	%	L v	56
Comment: Value below reference range				
Methaemoglobin	0.7	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	0.0	mmol/l	—	56
Standard Bicarbonate	24.2	mmol/l	—	56
Haematocrit	39.8	%	—	56
Oxygen tension at 50% saturation	3.64	kPa	—	56
Oxygen content	8.5	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5)**

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 21/07/21 20:19** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 21/07/21 20:19 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 21/07/21 20:20 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 21/7/2021 20:19  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	21/07/21 20:19

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 21/07/21 20:19, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 21/07/21 20:19 Order status: Completed  
 Filed by: Interface, Aqure Results In 21/07/21 20:19 Collected by: 21/07/21 20:19  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.138	—	L v	56
Comment: Value below reference range				
Carbon Dioxide partial pressure	10.3	kPa	H ^	56
Comment: Value above reference range				
Oxygen partial pressure	62.4	kPa	H ^	56
Comment: Value above reference range				
Potassium	4.4	mmol/l	—	56
Ionised Calcium	1.27	mmol/l	—	56
Chloride	122	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	12.3	mmol/l	H ^	56
Comment: Value above reference range				
Total Haemoglobin	131	g/l	—	56
Deoxyhaemoglobin	0.7	%	L v	56
Comment: Value below reference range				
Oxyhaemoglobin	98.4	%	—	56
Saturated Oxygen	99.3	%	H ^	56
Comment: Value above reference range				
Carboxyhaemoglobin	0.1	%	L v	56
Comment: Value below reference range				
Methaemoglobin	0.8	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	-3.0	mmol/l	—	56
Standard Bicarbonate	20.6	mmol/l	—	56
Haematocrit	40.0	%	—	56
Oxygen tension at 50% saturation	4.73	kPa	—	56
Oxygen content	8.6	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 21/07/21 20:33** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 21/07/21 20:33 Ordering clinician: Provider Not In SYSTEM

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

Authorised by: Provider Not In SYSTEM  
Frequency: Routine Once 21/07/21 20:34 - 1 occurrence  
Quantity: 1  
Instance released by: (auto-released) 21/7/2021 20:33  
Order comments: Ordered by an unspecified clinician

Ordering mode: Standard  
Class: Normal  
Lab status: Final result

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	21/07/21 20:33

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 21/07/21 20:33, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 21/07/21 20:33  
Filed by: Interface, Aqure Results In 21/07/21 20:33  
Resulting lab: AQUIRE  
Narrative:  
Oxi compensated for HbF

Order status: Completed  
Collected by: 21/07/21 20:33

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.307	—	L v	56
Comment: Value below reference range				
Carbon Dioxide partial pressure	6.05	kPa	H ^	56
Comment: Value above reference range				
Oxygen partial pressure	57.3	kPa	H ^	56
Comment: Value above reference range				
Potassium	4.1	mmol/l	—	56
Sodium	148	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.21	mmol/l	—	56
Chloride	120	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	11.3	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.6	mmol/l	—	56
Total Haemoglobin	127	g/l	—	56
Deoxyhaemoglobin	0.1	%	L v	56
Comment: Value below reference range				
Oxyhaemoglobin	98.3	%	—	56
Saturated Oxygen	99.9	%	H ^	56
Comment: Value above reference range				
Carboxyhaemoglobin	0.6	%	—	56
Methaemoglobin	1.0	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	-3.7	mmol/l	—	56
Standard Bicarbonate	21.3	mmol/l	—	56
Haematocrit	39.0	%	—	56
Oxygen tension at 50% saturation	3.89	kPa	—	56
Oxygen content	8.4	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 21/07/21 20:42**  
Ordering user: Interface, Aqure Results In 21/07/21 20:42  
Authorised by: Provider Not In SYSTEM  
Frequency: Routine Once 21/07/21 20:43 - 1 occurrence

Status: **Completed**

Ordering clinician: Provider Not In SYSTEM  
Ordering mode: Standard  
Class: Normal

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

Quantity: 1  
 Instance released by: (auto-released) 21/7/2021 20:42  
 Order comments: Ordered by an unspecified clinician

Lab status: Final result

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	21/07/21 20:42

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 21/07/21 20:42, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 21/07/21 20:42  
 Filed by: Interface, Aqure Results In 21/07/21 20:42  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

Order status: Completed  
 Collected by: 21/07/21 20:42

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.333	—	L v	56
Comment: Value below reference range				
Carbon Dioxide partial pressure	5.69	kPa	—	56
Oxygen partial pressure	61.4	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.9	mmol/l	—	56
Sodium	149	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.20	mmol/l	—	56
Chloride	120	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	9.8	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.7	mmol/l	—	56
Total Haemoglobin	128	g/l	—	56
Deoxyhaemoglobin	0.1	%	L v	56
Comment: Value below reference range				
Oxyhaemoglobin	98.5	%	—	56
Saturated Oxygen	99.9	%	H ^	56
Comment: Value above reference range				
Carboxyhaemoglobin	0.6	%	—	56
Methaemoglobin	0.8	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	-3.2	mmol/l	—	56
Standard Bicarbonate	21.8	mmol/l	—	56
Haematocrit	39.3	%	—	56
Oxygen tension at 50% saturation	3.78	kPa	—	56
Oxygen content	8.5	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 21/07/21 20:51** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 21/07/21 20:51  
 Authorised by: Provider Not In SYSTEM  
 Frequency: Routine Once 21/07/21 20:52 - 1 occurrence  
 Quantity: 1  
 Instance released by: (auto-released) 21/7/2021 20:52  
 Order comments: Ordered by an unspecified clinician

Ordering clinician: Provider Not In SYSTEM  
 Ordering mode: Standard  
 Class: Normal  
 Lab status: Final result

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	21/07/21 20:51

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 21/07/21 20:51, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 21/07/21 20:51  
 Filed by: Interface, Aqure Results In 21/07/21 20:52  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

Order status: Completed  
 Collected by: 21/07/21 20:51

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.329	—	L v	56
Comment: Value below reference range				
Carbon Dioxide partial pressure	5.84	kPa	—	56
Oxygen partial pressure	56.3	kPa	H ^	56
Comment: Value above reference range				
Potassium	3.9	mmol/l	—	56
Sodium	149	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.20	mmol/l	—	56
Chloride	120	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	8.6	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.8	mmol/l	—	56
Total Haemoglobin	126	g/l	—	56
Deoxyhaemoglobin	0.2	%	L v	56
Comment: Value below reference range				
Oxyhaemoglobin	98.4	%	—	56
Saturated Oxygen	99.8	%	H ^	56
Comment: Value above reference range				
Carboxyhaemoglobin	0.5	%	—	56
Methaemoglobin	0.9	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	-3.0	mmol/l	—	56
Standard Bicarbonate	22.0	mmol/l	—	56
Haematocrit	38.7	%	—	56
Oxygen tension at 50% saturation	3.80	kPa	—	56
Oxygen content	8.3	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 21/07/21 21:01** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 21/07/21 21:01  
 Authorised by: Provider Not In SYSTEM  
 Frequency: Routine Once 21/07/21 21:02 - 1 occurrence  
 Quantity: 1  
 Instance released by: (auto-released) 21/7/2021 21:01  
 Order comments: Ordered by an unspecified clinician

Ordering clinician: Provider Not In SYSTEM  
 Ordering mode: Standard  
 Class: Normal  
 Lab status: Final result

**Specimen Information**

ID	Type	Source	Collected By
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

— Blood — 21/07/21 21:01

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 21/07/21 21:01, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 21/07/21 21:01 Order status: Completed  
 Filed by: Interface, Aqure Results In 21/07/21 21:01 Collected by: 21/07/21 21:01  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.341	—	L v	56
Comment: Value below reference range				
Carbon Dioxide partial pressure	5.78	kPa	—	56
Oxygen partial pressure	61.0	kPa	H ^	56
Comment: Value above reference range				
Potassium	4.2	mmol/l	—	56
Sodium	149	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.22	mmol/l	—	56
Chloride	120	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	7.9	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.8	mmol/l	—	56
Total Haemoglobin	130	g/l	—	56
Deoxyhaemoglobin	0.2	%	L v	56
Comment: Value below reference range				
Oxyhaemoglobin	98.3	%	—	56
Saturated Oxygen	99.8	%	H ^	56
Comment: Value above reference range				
Carboxyhaemoglobin	0.5	%	—	56
Methaemoglobin	1.0	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	-2.3	mmol/l	—	56
Standard Bicarbonate	22.4	mmol/l	—	56
Haematocrit	39.9	%	—	56
Oxygen tension at 50% saturation	3.75	kPa	—	56
Oxygen content	8.6	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 21/07/21 21:06** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 21/07/21 21:06 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 21/07/21 21:07 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 21/7/2021 21:07  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	21/07/21 21:06

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 21/07/21 21:06, Result status: Final result

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

Ordering clinician: Provider Not In SYSTEM 21/07/21 21:06  
Filed by: Interface, Aqure Results In 21/07/21 21:07  
Resulting lab: AQURE  
Narrative:  
Oxi compensated for HbF

Order status: Completed  
Collected by: 21/07/21 21:06

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.354	—	—	56
Carbon Dioxide partial pressure	5.55	kPa	—	56
Oxygen partial pressure	61.2	kPa	H ^	56
Comment: Value above reference range				
Potassium	4.4	mmol/l	—	56
Sodium	149	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.21	mmol/l	—	56
Chloride	120	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	7.6	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.8	mmol/l	—	56
Total Haemoglobin	128	g/l	—	56
Deoxyhaemoglobin	0.0	%	L v	56
Comment: Value below reference range				
Oxyhaemoglobin	98.7	%	—	56
Saturated Oxygen	100.0	%	H ^	56
Comment: Value above reference range				
Carboxyhaemoglobin	0.6	%	—	56
Methaemoglobin	0.7	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	-2.3	mmol/l	—	56
Standard Bicarbonate	22.6	mmol/l	—	56
Haematocrit	39.3	%	—	56
Oxygen tension at 50% saturation	3.70	kPa	—	56
Oxygen content	8.5	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 21/07/21 21:11**

Status: **Completed**

Ordering user: Interface, Aqure Results In 21/07/21 21:11

Ordering clinician: Provider Not In SYSTEM

Authorised by: Provider Not In SYSTEM

Ordering mode: Standard

Frequency: Routine Once 21/07/21 21:12 - 1 occurrence

Class: Normal

Quantity: 1

Lab status: Final result

Instance released by: (auto-released) 21/7/2021 21:11

Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	21/07/21 21:11

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 21/07/21 21:11, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 21/07/21 21:11

Order status: Completed

Filed by: Interface, Aqure Results In 21/07/21 21:11

Collected by: 21/07/21 21:11

Resulting lab: AQURE

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

Narrative:

Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.320	—	L v	56
Comment: Value below reference range				
Carbon Dioxide partial pressure	6.06	kPa	H ^	56
Comment: Value above reference range				
Oxygen partial pressure	57.8	kPa	H ^	56
Comment: Value above reference range				
Potassium	4.2	mmol/l	—	56
Sodium	149	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.20	mmol/l	—	56
Chloride	120	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	7.1	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.8	mmol/l	—	56
Total Haemoglobin	132	g/l	—	56
Deoxyhaemoglobin	0.1	%	L v	56
Comment: Value below reference range				
Oxyhaemoglobin	98.7	%	—	56
Saturated Oxygen	99.9	%	H ^	56
Comment: Value above reference range				
Carboxyhaemoglobin	0.6	%	—	56
Methaemoglobin	0.6	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	-2.7	mmol/l	—	56
Standard Bicarbonate	22.1	mmol/l	—	56
Haematocrit	40.4	%	—	56
Oxygen tension at 50% saturation	3.85	kPa	—	56
Oxygen content	8.7	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 21/07/21 21:21**

Status: **Completed**

Ordering user: Interface, Aqure Results In 21/07/21 21:21

Ordering clinician: Provider Not In SYSTEM

Authorised by: Provider Not In SYSTEM

Ordering mode: Standard

Frequency: Routine Once 21/07/21 21:22 - 1 occurrence

Class: Normal

Quantity: 1

Lab status: Final result

Instance released by: (auto-released) 21/7/2021 21:21

Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	21/07/21 21:21

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 21/07/21 21:21, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 21/07/21 21:21

Order status: Completed

Filed by: Interface, Aqure Results In 21/07/21 21:21

Collected by: 21/07/21 21:21

Resulting lab: AQURE

Narrative:

Oxi compensated for HbF

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.162	—	L ▼	56
Comment: Value below reference range				
Carbon Dioxide partial pressure	9.71	kPa	H ^	56
Comment: Value above reference range				
Oxygen partial pressure	63.5	kPa	H ^	56
Comment: Value above reference range				
Potassium	4.4	mmol/l	—	56
Sodium	150	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	1.27	mmol/l	—	56
Chloride	119	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	7.0	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.6	mmol/l	—	56
Total Haemoglobin	134	g/l	—	56
Deoxyhaemoglobin	0.1	%	L ▼	56
Comment: Value below reference range				
Oxyhaemoglobin	98.1	%	—	56
Saturated Oxygen	99.9	%	H ^	56
Comment: Value above reference range				
Carboxyhaemoglobin	0.7	%	—	56
Methaemoglobin	1.1	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	-2.6	mmol/l	—	56
Standard Bicarbonate	21.0	mmol/l	—	56
Haematocrit	41.1	%	—	56
Oxygen tension at 50% saturation	4.59	kPa	—	56
Oxygen content	8.8	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**hCG (Final result)**

Electronically signed by: **Declan CRILLY on 21/07/21 22:01**

Status: **Completed**

Ordering user: Declan CRILLY 21/07/21 22:01

Ordering clinician: Declan CRILLY

Authorised by: Reecha SOFAT

Ordering mode: Standard

Frequency: Urgent Once 21/07/21 22:02 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Final result

Instance released by: Declan CRILLY (auto-released) 21/7/2021 22:01

**Questionnaire**

Question	Answer
Clinical Details:	Pre organ harvest test
Contact Details (Tel or Bleep)	70301

**Specimen Information**

ID	Type	Source	Collected By
23U256502	Blood	Blood	Declan CRILLY 21/07/21 22:49

**hCG**

Resulted: 22/07/21 01:45, Result status: Final result

Ordering clinician: Declan CRILLY 21/07/21 22:01

Order status: Completed

Filed by: Interface, Winpath Lab Results In 22/07/21 01:46

Collected by: Declan CRILLY 21/07/21 22:49

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Human chorionic gonadotrophin	<1.0	0 - 3 IU/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**hCG**

Resulted: 22/07/21 01:02, Result status: In process

Ordering clinician: Declan CRILLY 21/07/21 22:01  
 Filed by: Interface, Winpath Lab Results In 22/07/21 01:02  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Declan CRILLY 21/07/21 22:49

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: Interface, Aqure Results In on 21/07/21 23:06

Status: **Completed**

Ordering user: Interface, Aqure Results In 21/07/21 23:06

Ordering clinician: Provider Not In SYSTEM

Authorised by: Provider Not In SYSTEM

Ordering mode: Standard

Frequency: Routine Once 21/07/21 23:07 - 1 occurrence

Class: Normal

Quantity: 1

Lab status: Final result

Instance released by: (auto-released) 21/7/2021 23:06

Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	21/07/21 23:06

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 21/07/21 23:06, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 21/07/21 23:06

Order status: Completed

Filed by: Interface, Aqure Results In 21/07/21 23:06

Collected by: 21/07/21 23:06

Resulting lab: AQUIRE

Narrative:

Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.314	—	L v	56
Comment: Value below reference range				
Carbon Dioxide partial pressure	3.80	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	32.4	kPa	H ^	56
Comment: Value above reference range				
Potassium	2.9	mmol/l	L v	56
Comment: Value below reference range				

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

Sodium	149	mmol/l	H ^	56
Comment: Value above reference range				
Ionised Calcium	0.84	mmol/l	L v	56
Comment: Value below reference range				
Chloride	132	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	5.8	mmol/l	—	56
Lactate	0.4	mmol/l	—	56
Total Haemoglobin	87	g/l	L v	56
Comment: Value below reference range				
Deoxyhaemoglobin	0.2	%	L v	56
Comment: Value below reference range				
Oxyhaemoglobin	98.3	%	—	56
Saturated Oxygen	99.8	%	H ^	56
Comment: Value above reference range				
Carboxyhaemoglobin	0.6	%	—	56
Methaemoglobin	0.9	%	—	56
Fraction of Inspired Oxygen	50.0	%	—	56
Standard Base Excess	-11.7	mmol/l	—	56
Standard Bicarbonate	16.0	mmol/l	—	56
Haematocrit	26.7	%	—	56
Oxygen tension at 50% saturation	3.76	kPa	—	56
Oxygen content	5.7	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 22/07/21 00:13** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 22/07/21 00:13 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 22/07/21 00:14 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 22/7/2021 00:14  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	22/07/21 00:13

**POCT ARTERIAL BLOOD GAS**

Resulted: 22/07/21 00:13, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 22/07/21 00:13 Order status: Completed  
 Filed by: Interface, Aqure Results In 22/07/21 00:14 Collected by: 22/07/21 00:13  
 Resulting lab: AQURE  
 Narrative:  
 Insufficient sample  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
Ionised Calcium	1.27	mmol/l	—	56
Comment: The parameter value has a question mark Insufficient sample Sensor response error				
Fraction of Inspired Oxygen	30.0	%	—	56

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 22/07/21 00:15** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 22/07/21 00:15 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 22/07/21 00:16 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 22/7/2021 00:15  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	22/07/21 00:15

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 22/07/21 00:15, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 22/07/21 00:15 Order status: Completed  
 Filed by: Interface, Aqure Results In 22/07/21 00:15 Collected by: 22/07/21 00:15  
 Resulting lab: AQURE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.291	—	L v	56
Comment: Value below reference range				
Carbon Dioxide partial pressure	6.26	kPa	H ^	56
Comment: Value above reference range				
Oxygen partial pressure	21.3	kPa	H ^	56
Comment: Value above reference range				
Potassium	5.1	mmol/l	H ^	56
Comment: Value above reference range				
Sodium	146	mmol/l	—	56
Ionised Calcium	1.19	mmol/l	—	56
Chloride	120	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	8.1	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.6	mmol/l	—	56
Total Haemoglobin	123	g/l	—	56
Deoxyhaemoglobin	1.1	%	—	56
Oxyhaemoglobin	97.2	%	—	56
Saturated Oxygen	98.9	%	—	56
Carboxyhaemoglobin	0.6	%	—	56
Methaemoglobin	1.1	%	—	56
Fraction of Inspired Oxygen	30.0	%	—	56
Standard Base Excess	-3.9	mmol/l	—	56
Standard Bicarbonate	21.1	mmol/l	—	56
Haematocrit	37.7	%	—	56
Oxygen tension at 50% saturation	3.95	kPa	—	56
Oxygen content	7.6	mmol/l	—	56

**Testing Performed By**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT Urine Dipstick Screen (Final result)**

Electronically signed by: **Hannah NYBERG, RN on 22/07/21 00:33** Status: **Completed**  
 Ordering user: Hannah NYBERG, RN 22/07/21 00:33 Authorised by: Historical PROVIDER  
 Ordering mode: Standard Class: Historical  
 Frequency: Routine 22/07/21 - Lab status: Final result  
 Quantity: 1  
 Order comments: This is an external result entered through the Results Console.

**POCT Urine Dipstick Screen**

Resulted: 22/07/21 00:32, Result status: Final result

Order status: Completed

Filed by: Hannah NYBERG, RN 22/07/21 00:33

**Components**

Component	Value	Reference Range	Flag	Lab
Colour, UA	Yellow	—	—	—
Clarity, UA	Clear	—	—	—
Glucose, UA	Negative	—	—	—
Bilirubin, UA	Negative	—	—	—
Ketones, UA	Negative	—	—	—
Spec Grav, UA	1.015	—	—	—
pH, UA	6.0	—	—	—
Protein, UA	Negative	—	—	—
Nitrite, UA	Negative	—	—	—
Leukocytes, UA	Negative	—	—	—
Blood, UA	Negative	—	—	—

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 22/07/21 01:32** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 22/07/21 01:32 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 22/07/21 01:33 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 22/7/2021 01:32  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	22/07/21 01:32

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 22/07/21 01:32, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 22/07/21 01:32 Order status: Completed  
 Filed by: Interface, Aqure Results In 22/07/21 01:32 Collected by: 22/07/21 01:32  
 Resulting lab: AQURE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.348	—	L ▾	56
Comment: Value below reference range				
Carbon Dioxide partial pressure	5.63	kPa	—	56
Oxygen partial pressure	21.7	kPa	H ^	56
Comment: Value above reference range				
Potassium	4.9	mmol/l	H ^	56

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

Comment: Value above reference range				
Sodium	145	mmol/l	—	56
Ionised Calcium	1.21	mmol/l	—	56
Chloride	118	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	6.4	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.5	mmol/l	—	56
Total Haemoglobin	127	g/l	—	56
Deoxyhaemoglobin	1.1	%	—	56
Oxyhaemoglobin	97.2	%	—	56
Saturated Oxygen	98.9	%	—	56
Carboxyhaemoglobin	0.6	%	—	56
Methaemoglobin	1.1	%	—	56
Fraction of Inspired Oxygen	30.0	%	—	56
Standard Base Excess	-2.5	mmol/l	—	56
Standard Bicarbonate	22.4	mmol/l	—	56
Haematocrit	39.0	%	—	56
Oxygen tension at 50% saturation	3.71	kPa	—	56
Oxygen content	7.9	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Edited Result - FINAL)**

Electronically signed by: **Hannah NYBERG, RN on 22/07/21 02:58** Status: **Completed**  
 Ordering user: Hannah NYBERG, RN 22/07/21 02:58 Ordering clinician: Hannah NYBERG, RN  
 Authorised by: Reecha SOFAT Ordering mode: Standard: no cosign required  
 Frequency: Routine Once 22/07/21 02:59 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Edited Result - FINAL  
 Instance released by: Hannah NYBERG, RN (auto-released) 22/7/2021 02:58

**Questionnaire**

Question	Answer
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
23U256739	Blood	Blood	Hannah NYBERG, RN 22/07/21 02:59

Resulted: 22/07/21 04:03, Result status: Edited Result - FINAL

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Abnormal)**

Ordering clinician: Hannah NYBERG, RN 22/07/21 02:58 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 22/07/21 04:20 Collected by: Hannah NYBERG, RN 22/07/21 02:59  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Sodium	142	135 - 145 mmol/L	—	Winpath
Potassium	4.8	3.5 - 5.1 mmol/L	—	Winpath
Creatinine	52	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath

Comment:  
 Units: mL/min/1.73sqm  
 Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: www.renal.org/information-resources

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

Use with caution for adjusting drug dosages -  
contact clinical pharmacist for advice.

Bilirubin (total)	11	0 - 20 umol/L	—	Winpath
Alkaline phosphatase	79	35 - 104 IU/L	—	Winpath
Alanine transaminase	34	10 - 35 IU/L	—	Winpath
Albumin	36	34 - 50 g/L	—	Winpath
Calcium	2.22	2.20 - 2.60 mmol/L	—	Winpath
Calcium (albumin-adjusted)	2.40	2.20 - 2.60 mmol/L	—	Winpath
Phosphate	0.60	0.87 - 1.45 mmol/L	L ▼	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles (Abnormal)**

Resulted: 22/07/21 04:03, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 22/07/21 02:58  
Filed by: Interface, Winpath Lab Results In 22/07/21 04:05  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Hannah NYBERG, RN 22/07/21 02:59

**Components**

Component	Value	Reference Range	Flag	Lab
Sodium	142	135 - 145 mmol/L	—	Winpath
Potassium	4.8	3.5 - 5.1 mmol/L	—	Winpath
Creatinine	52	49 - 92 umol/L	—	Winpath
Estimated GFR	>90	.	—	Winpath
Comment: Units: mL/min/1.73sqm Multiply eGFR by 1.21 for people of African Caribbean origin. Interpret with regard to UK CKD guidelines: <a href="http://www.renal.org/information-resources">www.renal.org/information-resources</a> Use with caution for adjusting drug dosages - contact clinical pharmacist for advice.				
Bilirubin (total)	11	0 - 20 umol/L	—	Winpath
Alkaline phosphatase	79	35 - 104 IU/L	—	Winpath
Alanine transaminase	34	10 - 35 IU/L	—	Winpath
Albumin	36	34 - 50 g/L	—	Winpath
Calcium	2.22	2.20 - 2.60 mmol/L	—	Winpath
Calcium (albumin-adjusted)	2.40	2.20 - 2.60 mmol/L	—	Winpath
Phosphate	0.60	0.87 - 1.45 mmol/L	L ▼	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

**Renal (Na, K, Creat), Liver (LFT) & Bone Profiles**

Resulted: 22/07/21 03:36, Result status: In process

Ordering clinician: Hannah NYBERG, RN 22/07/21 02:58  
 Filed by: Interface, Winpath Lab Results In 22/07/21 03:36  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 22/07/21 02:59

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Magnesium (Edited Result - FINAL)**

Electronically signed by: **Hannah NYBERG, RN on 22/07/21 02:58**

Status: **Completed**

Ordering user: Hannah NYBERG, RN 22/07/21 02:58

Ordering clinician: Hannah NYBERG, RN

Authorised by: Reecha SOFAT

Ordering mode: Standard: no cosign required

Frequency: Routine Once 22/07/21 02:59 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Edited Result - FINAL

Instance released by: Hannah NYBERG, RN (auto-released) 22/7/2021 02:58

**Questionnaire**

Question	Answer
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
23U256739	Blood	Blood	Hannah NYBERG, RN 22/07/21 02:59

Resulted: 22/07/21 04:03, Result status: Edited  
 Result - FINAL

**Magnesium (Abnormal)**

Ordering clinician: Hannah NYBERG, RN 22/07/21 02:58  
 Filed by: Interface, Winpath Lab Results In 22/07/21 04:20  
 Resulting lab: HSL WINPATH

Order status: Completed

Collected by: Hannah NYBERG, RN 22/07/21 02:59

**Components**

Component	Value	Reference Range	Flag	Lab
Magnesium	1.30	0.60 - 1.00 mmol/L	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Magnesium (Abnormal)**

Resulted: 22/07/21 04:03, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 22/07/21 02:58  
 Filed by: Interface, Winpath Lab Results In 22/07/21 04:05  
 Resulting lab: HSL WINPATH

Order status: Completed

Collected by: Hannah NYBERG, RN 22/07/21 02:59

**Components**

Component	Value	Reference Range	Flag	Lab
Magnesium	1.30	0.60 - 1.00	H ^	Winpath

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

mmol/L

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Magnesium**

Resulted: 22/07/21 03:36, Result status: In process

Ordering clinician: Hannah NYBERG, RN 22/07/21 02:58  
 Filed by: Interface, Winpath Lab Results In 22/07/21 03:36  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 22/07/21 02:59

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**C-reactive protein (Edited Result - FINAL)**

Electronically signed by: **Hannah NYBERG, RN on 22/07/21 02:58**

Status: **Completed**

Ordering user: Hannah NYBERG, RN 22/07/21 02:58

Authorised by: Reecha SOFAT

Frequency: Routine Once 22/07/21 02:59 - 1 occurrence

Quantity: 1

Instance released by: Hannah NYBERG, RN (auto-released) 22/7/2021 02:58

Ordering clinician: Hannah NYBERG, RN

Ordering mode: Standard: no cosign required

Class: Lab Collect

Lab status: Edited Result - FINAL

**Questionnaire**

Question	Answer
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
23U256739	Blood	Blood	Hannah NYBERG, RN 22/07/21 02:59

Resulted: 22/07/21 04:03, Result status: Edited Result - FINAL

**C-reactive protein (Abnormal)**

Ordering clinician: Hannah NYBERG, RN 22/07/21 02:58  
 Filed by: Interface, Winpath Lab Results In 22/07/21 04:20  
 Resulting lab: HSL WINPATH

Order status: Completed

Collected by: Hannah NYBERG, RN 22/07/21 02:59

**Components**

Component	Value	Reference Range	Flag	Lab
C-reactive protein	129.5	0 - 5.0 mg/L	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

**C-reactive protein (Abnormal)**

Resulted: 22/07/21 04:03, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 22/07/21 02:58  
 Filed by: Interface, Winpath Lab Results In 22/07/21 04:05  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 22/07/21 02:59

**Components**

Component	Value	Reference Range	Flag	Lab
C-reactive protein	129.5	0 - 5.0 mg/L	H ^	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**C-reactive protein**

Resulted: 22/07/21 03:36, Result status: In process

Ordering clinician: Hannah NYBERG, RN 22/07/21 02:58  
 Filed by: Interface, Winpath Lab Results In 22/07/21 03:36  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 22/07/21 02:59

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Coagulation Screen (Without Fibrinogen) (Final result)**

Electronically signed by: **Hannah NYBERG, RN on 22/07/21 02:58**

Status: **Completed**

Ordering user: Hannah NYBERG, RN 22/07/21 02:58

Ordering clinician: Hannah NYBERG, RN

Authorised by: Reecha SOFAT

Ordering mode: Standard: no cosign required

Frequency: Routine Once 22/07/21 02:59 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Final result

Instance released by: Hannah NYBERG, RN (auto-released) 22/7/2021 02:58

**Questionnaire**

Question	Answer
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
23U256740	Blood	Blood	Hannah NYBERG, RN 22/07/21 02:59

**Coagulation Screen (Without Fibrinogen)**

Resulted: 22/07/21 04:23, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 22/07/21 02:58  
 Filed by: Interface, Winpath Lab Results In 22/07/21 04:25  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 22/07/21 02:59

**Components**

Component	Value	Reference Range	Flag	Lab
Prothrombin Time	11.4	10.0 - 12.0 secs	—	Winpath
INR	1.04	—	—	Winpath
APTT	37	25 - 37 secs	—	Winpath

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

APTT Ratio 1.2 0.8 - 1.2 — Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Coagulation Screen (Without Fibrinogen)**

Resulted: 22/07/21 03:36, Result status: In process

Ordering clinician: Hannah NYBERG, RN 22/07/21 02:58  
 Filed by: Interface, Winpath Lab Results In 22/07/21 03:36  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 22/07/21 02:59

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**FBC and Differential (Edited Result - FINAL)**

Electronically signed by: Hannah NYBERG, RN on 22/07/21 02:58

Status: **Completed**

Ordering user: Hannah NYBERG, RN 22/07/21 02:58

Ordering clinician: Hannah NYBERG, RN

Authorised by: Reece SOFAT

Ordering mode: Standard: no cosign required

Frequency: Routine Once 22/07/21 02:59 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Edited Result - FINAL

Instance released by: Hannah NYBERG, RN (auto-released) 22/7/2021 02:58

**Questionnaire**

Question	Answer
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
23U256741	Blood	Blood	Hannah NYBERG, RN 22/07/21 02:59

Resulted: 22/07/21 10:13, Result status: Edited Result - FINAL

**FBC and Differential (Abnormal)**

Ordering clinician: Hannah NYBERG, RN 22/07/21 02:58  
 Filed by: Interface, Winpath Lab Results In 22/07/21 10:15  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 22/07/21 02:59

**Components**

Component	Value	Reference Range	Flag	Lab
White cell count	9.68	3.0 - 10.0 x10 <sup>9</sup> /L	—	Winpath
Red cell count	4.15	3.95 - 5.15 x10 <sup>12</sup> /L	—	Winpath
Haemoglobin (g/L)	126	115 - 155 g/L	—	Winpath
HCT	0.374	0.33 - 0.45 L/L	—	Winpath
MCV	90.1	80 - 99 fL	—	Winpath
MCH	30.4	27.0 - 33.5 pg	—	Winpath
MCHC (g/L)	337	320 - 360 g/L	—	Winpath
RDW	11.8	11.5 - 15.0 %	—	Winpath
Platelet count	163	150 - 400 x10 <sup>9</sup> /L	—	Winpath
MPV	9.1	7 - 13 fL	—	Winpath

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

Film comment	Blood film reflects FBC results.	—	—	Winpath
Neutrophils	8.81	2.0 - 7.5 x10 <sup>9</sup> /L	H ^	Winpath
Lymphocytes	0.36	1.2 - 3.65 x10 <sup>9</sup> /L	L v	Winpath
Monocytes	0.30	0.2 - 1.0 x10 <sup>9</sup> /L	—	Winpath
Eosinophils	0.20	0.0 - 0.4 x10 <sup>9</sup> /L	—	Winpath
Basophils	0.01	0.0 - 0.1 x10 <sup>9</sup> /L	—	Winpath
XE Nucleated RBCs abs	0.00	0 - 0.01 x10 <sup>9</sup> /L	—	Winpath
XE Nucleated RBCs %	0.0	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**FBC and Differential (Abnormal)**

Resulted: 22/07/21 03:56, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 22/07/21 02:58  
 Filed by: Interface, Winpath Lab Results In 22/07/21 03:58  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 22/07/21 02:59

**Components**

Component	Value	Reference Range	Flag	Lab
White cell count	9.68	3.0 - 10.0 x10 <sup>9</sup> /L	—	Winpath
Red cell count	4.15	3.95 - 5.15 x10 <sup>12</sup> /L	—	Winpath
Haemoglobin (g/L)	126	115 - 155 g/L	—	Winpath
HCT	0.374	0.33 - 0.45 L/L	—	Winpath
MCV	90.1	80 - 99 fL	—	Winpath
MCH	30.4	27.0 - 33.5 pg	—	Winpath
MCHC (g/L)	337	320 - 360 g/L	—	Winpath
RDW	11.8	11.5 - 15.0 %	—	Winpath
Platelet count	163	150 - 400 x10 <sup>9</sup> /L	—	Winpath
MPV	9.1	7 - 13 fL	—	Winpath
Neutrophils	8.81	2.0 - 7.5 x10 <sup>9</sup> /L	H ^	Winpath
Lymphocytes	0.36	1.2 - 3.65 x10 <sup>9</sup> /L	L v	Winpath
Monocytes	0.30	0.2 - 1.0 x10 <sup>9</sup> /L	—	Winpath
Eosinophils	0.20	0.0 - 0.4 x10 <sup>9</sup> /L	—	Winpath
Basophils	0.01	0.0 - 0.1 x10 <sup>9</sup> /L	—	Winpath
XE Nucleated RBCs abs	0.00	0 - 0.01 x10 <sup>9</sup> /L	—	Winpath
XE Nucleated RBCs %	0.0	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**FBC and Differential**

Resulted: 22/07/21 03:35, Result status: In process

Ordering clinician: Hannah NYBERG, RN 22/07/21 02:58  
 Filed by: Interface, Winpath Lab Results In 22/07/21 03:35  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 22/07/21 02:59

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urea (Edited Result - FINAL)**

Electronically signed by: **Hannah NYBERG, RN on 22/07/21 02:58** Status: **Completed**  
 Ordering user: Hannah NYBERG, RN 22/07/21 02:58 Ordering clinician: Hannah NYBERG, RN  
 Authorised by: Reecha SOFAT Ordering mode: Standard: no cosign required  
 Frequency: Routine Once 22/07/21 02:59 - 1 occurrence Class: Lab Collect  
 Quantity: 1 Lab status: Edited Result - FINAL  
 Instance released by: Hannah NYBERG, RN (auto-released) 22/7/2021 02:58

**Questionnaire**

Question	Answer
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
23U256739	Blood	Blood	Hannah NYBERG, RN 22/07/21 02:59

Resulted: 22/07/21 04:03, Result status: Edited Result - FINAL

**Urea**

Ordering clinician: Hannah NYBERG, RN 22/07/21 02:58 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 22/07/21 04:20 Collected by: Hannah NYBERG, RN 22/07/21 02:59  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Urea	2.6	1.7 - 8.3 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Urea**

Resulted: 22/07/21 04:03, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 22/07/21 02:58 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 22/07/21 04:05 Collected by: Hannah NYBERG, RN 22/07/21 02:59  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Urea	2.6	1.7 - 8.3 mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

London  
 W1T 4EU

**Urea**

Resulted: 22/07/21 03:36, Result status: In process

Ordering clinician: Hannah NYBERG, RN 22/07/21 02:58  
 Filed by: Interface, Winpath Lab Results In 22/07/21 03:36  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 22/07/21 02:59

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Gamma-Glutamyl Transferase (Edited Result - FINAL)**

Electronically signed by: **Hannah NYBERG, RN on 22/07/21 02:58**

Status: **Completed**

Ordering user: Hannah NYBERG, RN 22/07/21 02:58

Ordering clinician: Hannah NYBERG, RN

Authorised by: Reecha SOFAT

Ordering mode: Standard: no cosign required

Frequency: Routine Once 22/07/21 02:59 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Edited Result - FINAL

Instance released by: Hannah NYBERG, RN (auto-released) 22/7/2021 02:58

**Questionnaire**

Question	Answer
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
23U256739	Blood	Blood	Hannah NYBERG, RN 22/07/21 02:59

Resulted: 22/07/21 04:03, Result status: Edited Result - FINAL

**Gamma-Glutamyl Transferase**

Ordering clinician: Hannah NYBERG, RN 22/07/21 02:58  
 Filed by: Interface, Winpath Lab Results In 22/07/21 04:20  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 22/07/21 02:59

**Components**

Component	Value	Reference Range	Flag	Lab
Gamma glutamyl transferase	16	6 - 42 IU/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Gamma-Glutamyl Transferase**

Resulted: 22/07/21 04:03, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 22/07/21 02:58  
 Filed by: Interface, Winpath Lab Results In 22/07/21 04:05  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 22/07/21 02:59

**Components**

Component	Value	Reference Range	Flag	Lab
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

Gamma glutamyl transferase 16 6 - 42 IU/L — Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Gamma-Glutamyl Transferase**

Resulted: 22/07/21 03:36, Result status: In process

Ordering clinician: Hannah NYBERG, RN 22/07/21 02:58  
Filed by: Interface, Winpath Lab Results In 22/07/21 03:36  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Hannah NYBERG, RN 22/07/21 02:59

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Aspartate Transaminase (Final result)**

Electronically signed by: **Hannah NYBERG, RN on 22/07/21 02:58**

Status: **Completed**

Ordering user: Hannah NYBERG, RN 22/07/21 02:58

Ordering clinician: Hannah NYBERG, RN

Authorised by: Reecha SOFAT

Ordering mode: Standard: no cosign required

Frequency: Routine Once 22/07/21 02:59 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Final result

Instance released by: Hannah NYBERG, RN (auto-released) 22/7/2021 02:58

**Questionnaire**

Question	Answer
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
23U256739	Blood	Blood	Hannah NYBERG, RN 22/07/21 02:59

**Aspartate Transaminase (Abnormal)**

Resulted: 22/07/21 04:19, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 22/07/21 02:58  
Filed by: Interface, Winpath Lab Results In 22/07/21 04:20  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Hannah NYBERG, RN 22/07/21 02:59

**Components**

Component	Value	Reference Range	Flag	Lab
Aspartate transaminase	106	0 - 31 IU/L	H ^	Winpath
Comment: Please note new reference range from 04/03/2019				

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

**Aspartate Transaminase**

Resulted: 22/07/21 03:36, Result status: In process

Ordering clinician: Hannah NYBERG, RN 22/07/21 02:58  
 Filed by: Interface, Winpath Lab Results In 22/07/21 03:36  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 22/07/21 02:59

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Amylase (Edited Result - FINAL)**

Electronically signed by: **Hannah NYBERG, RN on 22/07/21 02:58**

Status: **Completed**

Ordering user: Hannah NYBERG, RN 22/07/21 02:58

Ordering clinician: Hannah NYBERG, RN

Authorised by: Reecha SOFAT

Ordering mode: Standard: no cosign required

Frequency: Routine Once 22/07/21 02:59 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Edited Result - FINAL

Instance released by: Hannah NYBERG, RN (auto-released) 22/7/2021 02:58

**Questionnaire**

Question	Answer
Clinical Details:	itu
Contact Details (Tel or Bleep)	itu

**Specimen Information**

ID	Type	Source	Collected By
23U256739	Blood	Blood	Hannah NYBERG, RN 22/07/21 02:59

Resulted: 22/07/21 04:03, Result status: Edited Result - FINAL

**Amylase**

Ordering clinician: Hannah NYBERG, RN 22/07/21 02:58  
 Filed by: Interface, Winpath Lab Results In 22/07/21 04:20  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 22/07/21 02:59

**Components**

Component	Value	Reference Range	Flag	Lab
Amylase	79	28 - 100 IU/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Amylase**

Resulted: 22/07/21 04:03, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 22/07/21 02:58  
 Filed by: Interface, Winpath Lab Results In 22/07/21 04:05  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 22/07/21 02:59

**Components**

Component	Value	Reference Range	Flag	Lab
Amylase	79	28 - 100 IU/L	—	Winpath

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Amylase**

Resulted: 22/07/21 03:36, Result status: In process

Ordering clinician: Hannah NYBERG, RN 22/07/21 02:58  
 Filed by: Interface, Winpath Lab Results In 22/07/21 03:36  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Hannah NYBERG, RN 22/07/21 02:59

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Blood Film (Final result)**

Status: **Completed**

Order placed as a reflex to FBC and Differential ordered on 22/07/21 at 02:58

Ordering user: Interface, Winpath Lab Results In 22/07/21 08:24

Authorised by: Reecha SOFAT

Frequency: Routine Once 22/07/21 08:24 - 1 occurrence

Quantity: 1

Instance released by: (auto-released) 22/7/2021 08:24

Ordering clinician: Hannah NYBERG, RN

Ordering mode: Standard

Class: Lab Collect

Lab status: Final result

**Specimen Information**

ID	Type	Source	Collected By
23U256741	—	Blood	22/07/21 02:59

**Blood Film**

Resulted: 22/07/21 10:14, Result status: Final result

Ordering clinician: Hannah NYBERG, RN 22/07/21 08:24  
 Filed by: Interface, Winpath Lab Results In 22/07/21 10:15  
 Resulting lab: HSL WINPATH

Order status: Completed

Collected by: 22/07/21 02:59

**Components**

Component	Value	Reference Range	Flag	Lab
Film comment	Blood film reflects FBC results.	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Blood Film**

Resulted: 22/07/21 08:24, Result status: In process

Ordering clinician: Hannah NYBERG, RN 22/07/21 08:24  
 Filed by: Interface, Winpath Lab Results In 22/07/21 08:24  
 Resulting lab: HSL WINPATH

Order status: Completed

Collected by: 22/07/21 02:59

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 22/07/21 03:09** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 22/07/21 03:09 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 22/07/21 03:10 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 22/7/2021 03:09  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	22/07/21 03:09

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 22/07/21 03:09, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 22/07/21 03:09 Order status: Completed  
 Filed by: Interface, Aqure Results In 22/07/21 03:09 Collected by: 22/07/21 03:09  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.327	—	L v	56
Comment: Value below reference range				
Carbon Dioxide partial pressure	5.98	kPa	—	56
Oxygen partial pressure	67.9	kPa	H ^	56
Comment: Value above reference range				
Potassium	4.6	mmol/l	H ^	56
Comment: Value above reference range				
Sodium	143	mmol/l	—	56
Ionised Calcium	1.22	mmol/l	—	56
Chloride	115	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	10.6	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	0.9	mmol/l	—	56
Total Haemoglobin	136	g/l	—	56
Deoxyhaemoglobin	0.2	%	L v	56
Comment: Value below reference range				
Oxyhaemoglobin	98.1	%	—	56
Saturated Oxygen	99.8	%	H ^	56
Comment: Value above reference range				
Carboxyhaemoglobin	0.6	%	—	56
Methaemoglobin	1.1	%	—	56
Fraction of Inspired Oxygen	100.0	%	—	56
Standard Base Excess	-2.6	mmol/l	—	56
Standard Bicarbonate	22.2	mmol/l	—	56
Haematocrit	41.6	%	—	56
Oxygen tension at 50% saturation	3.80	kPa	—	56
Oxygen content	9.0	mmol/l	—	56

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 22/07/21 05:14** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 22/07/21 05:14 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 22/07/21 05:15 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 22/7/2021 05:14  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	22/07/21 05:14

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 22/07/21 05:14, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 22/07/21 05:14 Order status: Completed  
 Filed by: Interface, Aqure Results In 22/07/21 05:14 Collected by: 22/07/21 05:14  
 Resulting lab: AQURE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.418	—	—	56
Carbon Dioxide partial pressure	4.74	kPa	—	56
Oxygen partial pressure	65.9	kPa	H ^	56
Comment: Value above reference range				
Potassium	4.6	mmol/l	H ^	56
Comment: Value above reference range				
Sodium	142	mmol/l	—	56
Ionised Calcium	1.17	mmol/l	—	56
Chloride	112	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	11.8	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	1.2	mmol/l	—	56
Total Haemoglobin	138	g/l	—	56
Deoxyhaemoglobin	0.7	%	L v	56
Comment: Value below reference range				
Oxyhaemoglobin	97.6	%	—	56
Saturated Oxygen	99.3	%	H ^	56
Comment: Value above reference range				
Carboxyhaemoglobin	0.6	%	—	56
Methaemoglobin	1.1	%	—	56
Fraction of Inspired Oxygen	100.0	%	—	56
Standard Base Excess	-1.6	mmol/l	—	56
Standard Bicarbonate	23.5	mmol/l	—	56
Haematocrit	42.2	%	—	56
Oxygen tension at 50% saturation	3.32	kPa	—	56
Oxygen content	9.0	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

56 - Unknown      AQUIRE      Unknown      Unknown      10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aquire Results In on 22/07/21 05:15**      Status: **Completed**  
 Ordering user: Interface, Aquire Results In 22/07/21 05:15      Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM      Ordering mode: Standard  
 Frequency: Routine Once 22/07/21 05:16 - 1 occurrence      Class: Normal  
 Quantity: 1      Lab status: Final result  
 Instance released by: (auto-released) 22/7/2021 05:15  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	22/07/21 05:15

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 22/07/21 05:15, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 22/07/21 05:15      Order status: Completed  
 Filed by: Interface, Aquire Results In 22/07/21 05:15      Collected by: 22/07/21 05:15  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.436	—	—	56
Carbon Dioxide partial pressure	4.52	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	15.2	kPa	H ^	56
Comment: Value above reference range				
Potassium	4.5	mmol/l	—	56
Sodium	141	mmol/l	—	56
Ionised Calcium	1.17	mmol/l	—	56
Chloride	113	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	10.2	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	1.2	mmol/l	—	56
Total Haemoglobin	123	g/l	—	56
Deoxyhaemoglobin	1.3	%	—	56
Oxyhaemoglobin	97.7	%	—	56
Saturated Oxygen	98.7	%	—	56
Carboxyhaemoglobin	0.1	%	L v	56
Comment: Value below reference range				
Methaemoglobin	0.9	%	—	56
Fraction of Inspired Oxygen	25.0	%	—	56
Standard Base Excess	-1.4	mmol/l	—	56
Standard Bicarbonate	23.7	mmol/l	—	56
Haematocrit	37.7	%	—	56
Oxygen tension at 50% saturation	3.34	kPa	—	56
Oxygen content	7.6	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

Electronically signed by: **Interface, Aqure Results In on 22/07/21 07:08**

Status: **Completed**

Ordering user: Interface, Aqure Results In 22/07/21 07:08

Ordering clinician: Provider Not In SYSTEM

Authorised by: Provider Not In SYSTEM

Ordering mode: Standard

Frequency: Routine Once 22/07/21 07:09 - 1 occurrence

Class: Normal

Quantity: 1

Lab status: Final result

Instance released by: (auto-released) 22/7/2021 07:08

Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	22/07/21 07:08

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 22/07/21 07:08, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 22/07/21 07:08

Order status: Completed

Filed by: Interface, Aqure Results In 22/07/21 07:08

Collected by: 22/07/21 07:08

Resulting lab: AQUIRE

Narrative:

Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.470	—	H ^	56
Comment: Value above reference range				
Carbon Dioxide partial pressure	4.29	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	19.7	kPa	H ^	56
Comment: Value above reference range				
Potassium	4.1	mmol/l	—	56
Sodium	146	mmol/l	—	56
Ionised Calcium	1.14	mmol/l	—	56
Chloride	112	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	12.3	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	1.5	mmol/l	—	56
Total Haemoglobin	120	g/l	—	56
Deoxyhaemoglobin	0.0	%	L v	56
Comment: Value below reference range				
Oxyhaemoglobin	100.0	%	H ^	56
Comment: Value above reference range				
Saturated Oxygen	100.0	%	H ^	56
Comment: Value above reference range				
Carboxyhaemoglobin	0.6	%	—	56
Methaemoglobin	0.0	%	L v	56
Comment: Value below reference range				
Fraction of Inspired Oxygen	25.0	%	—	56
Standard Base Excess	-0.3	mmol/l	—	56
Standard Bicarbonate	24.7	mmol/l	—	56
Haematocrit	36.9	%	—	56
Oxygen tension at 50% saturation	3.27	kPa	—	56
Oxygen content	7.6	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

Electronically signed by: **Interface, Aqure Results In on 22/07/21 07:09** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 22/07/21 07:09 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 22/07/21 07:10 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Final result  
 Instance released by: (auto-released) 22/7/2021 07:10  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	22/07/21 07:09

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 22/07/21 07:09, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 22/07/21 07:09 Order status: Completed  
 Filed by: Interface, Aqure Results In 22/07/21 07:10 Collected by: 22/07/21 07:09  
 Resulting lab: AQUIRE  
 Narrative:  
 Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.444	—	—	56
Carbon Dioxide partial pressure	4.46	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	64.1	kPa	H ^	56
Comment: Value above reference range				
Potassium	4.1	mmol/l	—	56
Sodium	141	mmol/l	—	56
Ionised Calcium	1.14	mmol/l	—	56
Chloride	111	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	11.5	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	1.3	mmol/l	—	56
Total Haemoglobin	124	g/l	—	56
Deoxyhaemoglobin	0.2	%	L v	56
Comment: Value below reference range				
Oxyhaemoglobin	98.3	%	—	56
Saturated Oxygen	99.8	%	H ^	56
Comment: Value above reference range				
Carboxyhaemoglobin	0.4	%	L v	56
Comment: Value below reference range				
Methaemoglobin	1.1	%	—	56
Fraction of Inspired Oxygen	100.0	%	—	56
Standard Base Excess	-1.2	mmol/l	—	56
Standard Bicarbonate	23.9	mmol/l	—	56
Haematocrit	38.1	%	—	56
Oxygen tension at 50% saturation	3.34	kPa	—	56
Oxygen content	8.3	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 22/07/21 09:01** Status: **Completed**  
 Ordering user: Interface, Aqure Results In 22/07/21 09:01 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

Frequency: Routine Once 22/07/21 09:02 - 1 occurrence  
Quantity: 1  
Instance released by: (auto-released) 22/7/2021 09:01  
Order comments: Ordered by an unspecified clinician

Class: Normal  
Lab status: Final result

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	22/07/21 09:01

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 22/07/21 09:01, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 22/07/21 09:01  
Filed by: Interface, Aqure Results In 22/07/21 09:01  
Resulting lab: AQUIRE  
Narrative:  
Oxi compensated for HbF

Order status: Completed  
Collected by: 22/07/21 09:01

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.411	—	—	56
Carbon Dioxide partial pressure	5.01	kPa	—	56
Oxygen partial pressure	17.9	kPa	H ^	56
Comment: Value above reference range				
Potassium	4.2	mmol/l	—	56
Sodium	140	mmol/l	—	56
Ionised Calcium	1.16	mmol/l	—	56
Chloride	108	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	11.2	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	1.3	mmol/l	—	56
Total Haemoglobin	120	g/l	—	56
Deoxyhaemoglobin	0.9	%	L v	56
Comment: Value below reference range				
Oxyhaemoglobin	97.2	%	—	56
Saturated Oxygen	99.1	%	H ^	56
Comment: Value above reference range				
Carboxyhaemoglobin	0.6	%	—	56
Methaemoglobin	1.3	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	-0.8	mmol/l	—	56
Standard Bicarbonate	24.0	mmol/l	—	56
Haematocrit	36.8	%	—	56
Oxygen tension at 50% saturation	3.46	kPa	—	56
Oxygen content	7.4	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQUIRE	Unknown	Unknown	10/10/18 11:14 - Present

**Blood Film (Final result)**

Electronically signed by: **Thomas SMITH on 22/07/21 07:24**  
Ordering user: Thomas SMITH 22/07/21 07:24  
Authorised by: Reecha SOFAT  
Frequency: Routine Once 22/07/21 07:24 - 1 occurrence  
Quantity: 1  
Instance released by: Thomas SMITH (auto-released) 22/7/2021 07:24

Status: **Completed**

Ordering clinician: Thomas SMITH  
Ordering mode: Standard  
Class: Lab Collect  
Lab status: Final result

**Questionnaire**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

Question	Answer
Clinical Details:	for donation, requested by Birmingham
Contact Details (Tel or Bleep)	70301

**Specimen Information**

ID	Type	Source	Collected By
23U257915	Blood	Blood	Zoie SIDAWAY 22/07/21 09:23

**Blood Film** Resulted: 22/07/21 11:25, Result status: Final result

Ordering clinician: Thomas SMITH 22/07/21 07:24 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 22/07/21 11:26 Collected by: Zoie SIDAWAY 22/07/21 09:23  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
Film comment	Blood film reflects FBC results.	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**Blood Film** Resulted: 22/07/21 10:26, Result status: In process

Ordering clinician: Thomas SMITH 22/07/21 07:24 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 22/07/21 10:26 Collected by: Zoie SIDAWAY 22/07/21 09:23  
 Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**FBC and Differential (Edited Result - FINAL)**

Electronically signed by: **Interface, Winpath Lab Results In on 22/07/21 10:26** Status: **Completed**  
 Ordering user: Interface, Winpath Lab Results In 22/07/21 10:26 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 22/07/21 10:26 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Edited Result - FINAL  
 Instance released by: (auto-released) 22/7/2021 10:26  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
23U257915	—	Blood	22/07/21 09:23

Resulted: 22/07/21 11:24, Result status: Edited Result - FINAL

**FBC and Differential (Abnormal)**

Ordering clinician: Provider Not In SYSTEM 22/07/21 10:26 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 22/07/21 11:26 Collected by: 22/07/21 09:23  
 Resulting lab: HSL WINPATH

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

**Components**

Component	Value	Reference Range	Flag	Lab
White cell count	9.24	3.0 - 10.0 x10 <sup>9</sup> /L	—	Winpath
Red cell count	3.75	3.95 - 5.15 x10 <sup>12</sup> /L	L v	Winpath
Haemoglobin (g/L)	112	115 - 155 g/L	L v	Winpath
HCT	0.334	0.33 - 0.45 L/L	—	Winpath
MCV	89.1	80 - 99 fL	—	Winpath
MCH	29.9	27.0 - 33.5 pg	—	Winpath
MCHC (g/L)	335	320 - 360 g/L	—	Winpath
RDW	11.5	11.5 - 15.0 %	—	Winpath
Platelet count	150	150 - 400 x10 <sup>9</sup> /L	—	Winpath
MPV	9.5	7 - 13 fL	—	Winpath
Neutrophils	9.01	2.0 - 7.5 x10 <sup>9</sup> /L	H ^	Winpath
Lymphocytes	0.15	1.2 - 3.65 x10 <sup>9</sup> /L	L v	Winpath
Monocytes	0.07	0.2 - 1.0 x10 <sup>9</sup> /L	L v	Winpath
Eosinophils	0.00	0.0 - 0.4 x10 <sup>9</sup> /L	—	Winpath
Basophils	0.01	0.0 - 0.1 x10 <sup>9</sup> /L	—	Winpath
XE Nucleated RBCs abs	0.00	0 - 0.01 x10 <sup>9</sup> /L	—	Winpath
XE Nucleated RBCs %	0.0	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**FBC and Differential (Abnormal)**

Resulted: 22/07/21 10:48, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 22/07/21 10:26  
 Filed by: Interface, Winpath Lab Results In 22/07/21 10:56  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: 22/07/21 09:23

**Components**

Component	Value	Reference Range	Flag	Lab
White cell count	9.24	3.0 - 10.0 x10 <sup>9</sup> /L	—	Winpath
Red cell count	3.75	3.95 - 5.15 x10 <sup>12</sup> /L	L v	Winpath
Haemoglobin (g/L)	112	115 - 155 g/L	L v	Winpath
HCT	0.334	0.33 - 0.45 L/L	—	Winpath
MCV	89.1	80 - 99 fL	—	Winpath
MCH	29.9	27.0 - 33.5 pg	—	Winpath
MCHC (g/L)	335	320 - 360 g/L	—	Winpath
RDW	11.5	11.5 - 15.0 %	—	Winpath
Platelet count	150	150 - 400 x10 <sup>9</sup> /L	—	Winpath
MPV	9.5	7 - 13 fL	—	Winpath
Neutrophils	9.01	2.0 - 7.5 x10 <sup>9</sup> /L	H ^	Winpath
Lymphocytes	0.15	1.2 - 3.65 x10 <sup>9</sup> /L	L v	Winpath
Monocytes	0.07	0.2 - 1.0 x10 <sup>9</sup> /L	L v	Winpath
Eosinophils	0.00	0.0 - 0.4 x10 <sup>9</sup> /L	—	Winpath
Basophils	0.01	0.0 - 0.1 x10 <sup>9</sup> /L	—	Winpath
XE Nucleated RBCs abs	0.00	0 - 0.01 x10 <sup>9</sup> /L	—	Winpath
XE Nucleated RBCs %	0.0	—	—	Winpath

**Testing Performed By**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**FBC and Differential**

Resulted: 22/07/21 10:26, Result status: In process

Ordering clinician: Provider Not In SYSTEM 22/07/21 10:26  
 Filed by: Interface, Winpath Lab Results In 22/07/21 10:26  
 Resulting lab: HSL WINPATH  
 Order status: Completed  
 Collected by: 22/07/21 09:23

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**CSF Microscopy & Culture (Cerebrospinal Fluid (CSF)) (Final result)**

Electronically signed by: **Panagiota SCEALES on 22/07/21 10:26** Status: **Completed**  
 Ordering user: Panagiota SCEALES 22/07/21 10:26  
 Authorised by: Reecha SOFAT  
 Frequency: Routine Once 22/07/21 10:24 - 1 occurrence  
 Quantity: 1  
 Instance released by: Panagiota SCEALES (auto-released) 22/7/2021 10:26  
 Ordering clinician: Panagiota SCEALES  
 Ordering mode: Standard  
 Class: Lab Collect  
 Lab status: Final result

**Questionnaire**

Question	Answer
Clinical Details:	Raised ICP, tonsillar herniation, brain stem death. Coroner referral. LP to help ascertain cause of death.
Contact Details (Tel or Bleep)	70301

**Specimen Information**

ID	Type	Source	Collected By
20V338970	Cerebrospinal Fluid	Cerebrospinal Fluid (CSF)	Zoie SIDAWAY 22/07/21 10:53

**CSF Microscopy & Culture (Cerebrospinal Fluid (CSF))**

Resulted: 24/07/21 09:28, Result status: Final result

Ordering clinician: Panagiota SCEALES 22/07/21 10:26  
 Filed by: Interface, Winpath Lab Results In 24/07/21 09:30  
 Resulting lab: HSL WINPATH  
 Order status: Completed  
 Collected by: Zoie SIDAWAY 22/07/21 10:53

**Components**

Component	Value	Reference Range	Flag	Lab
CSF CULTURE	CSF CULTURE REPORT	—	—	Winpath
Culture	No growth after 2 days.	—	—	Winpath
STATUS	COMPLETE: 24/07/21	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

**CSF Microscopy & Culture (Cerebrospinal Fluid (CSF))**

Resulted: 22/07/21 18:33, Result status: Preliminary result

Ordering clinician: Panagiota SCEALES 22/07/21 10:26  
 Filed by: Interface, Winpath Lab Results In 22/07/21 19:01  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Zoie SIDAWAY 22/07/21 10:53

**Components**

Component	Value	Reference Range	Flag	Lab
CSF CULTURE	CSF CULTURE REPORT	—	—	Winpath
STATUS	INCOMPLETE - LAST UPDATED: 22/07/21	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**CSF Microscopy & Culture (Cerebrospinal Fluid (CSF))**

Resulted: 22/07/21 18:33, Result status: Preliminary result

Ordering clinician: Panagiota SCEALES 22/07/21 10:26  
 Filed by: Interface, Winpath Lab Results In 22/07/21 18:47  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Zoie SIDAWAY 22/07/21 10:53

**Components**

Component	Value	Reference Range	Flag	Lab
CSF CULTURE	CSF CULTURE REPORT	—	—	Winpath
STATUS	INCOMPLETE - LAST UPDATED: 22/07/21	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**CSF Microscopy & Culture (Cerebrospinal Fluid (CSF))**

Resulted: 22/07/21 16:21, Result status: In process

Ordering clinician: Panagiota SCEALES 22/07/21 10:26  
 Filed by: Interface, Winpath Lab Results In 22/07/21 16:21  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: Zoie SIDAWAY 22/07/21 10:53

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

Fitzrovia  
London  
W1T 4EU

**HSV, VZV, CMV DNA Detection (PCR) (Final result)**

Electronically signed by: **Panagiota SCEALES on 22/07/21 10:26** Status: **Completed**  
Ordering user: Panagiota SCEALES 22/07/21 10:26 Ordering clinician: Panagiota SCEALES  
Authorised by: Reecha SOFAT Ordering mode: Standard  
Frequency: Routine Once 22/07/21 10:26 - 1 occurrence Class: Lab Collect  
Quantity: 1 Lab status: Final result  
Instance released by: Panagiota SCEALES (auto-released) 22/7/2021 10:26

**Questionnaire**

Question	Answer
Clinical Details:	Raised ICP, tonsillar herniation, brain stem death. Coroner referral. LP to help ascertain cause of death.
Contact Details (Tel or Bleep)	70301

Order comments: Included Tests: HSV-1 PCR HSV-2 PCR VZV PCR CMV PCR EBV PCR Enterovirus PCR Parechovirus PCR Adenovirus PCR

**Specimen Information**

ID	Type	Source	Collected By
23U259016	Cerebrospinal Fluid	CSF	Zoie SIDAWAY 22/07/21 10:53

**HSV, VZV, CMV DNA Detection (PCR)**

Resulted: 23/07/21 15:29, Result status: Final result

Ordering clinician: Panagiota SCEALES 22/07/21 10:26 Order status: Completed  
Filed by: Interface, Winpath Lab Results In 23/07/21 15:46 Collected by: Zoie SIDAWAY 22/07/21 10:53  
Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
NEURO 9 VIRAL SCREEN	REPORT	—	—	Winpath
Specimen type	CSF	—	—	Winpath
Cytomegalovirus	NOT detected	—	—	Winpath
Epstein-Barr Virus	NOT detected	—	—	Winpath
Herpes Simplex Virus type 1	NOT detected	—	—	Winpath
Herpes Simplex Virus type 2	NOT detected	—	—	Winpath
Varicella Zoster Virus	NOT detected	—	—	Winpath
Enterovirus	NOT detected	—	—	Winpath
Parechovirus	NOT detected	—	—	Winpath
Laboratory comment	--	—	—	Winpath

Result:  
Please note that this test is internally verified and has been submitted to UKAS for accreditation.

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

**HSV, VZV, CMV DNA Detection (PCR)**

Resulted: 22/07/21 21:44, Result status: Preliminary result

Ordering clinician: Panagiota SCEALES 22/07/21 10:26  
Filed by: Interface, Winpath Lab Results In 22/07/21 21:46  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Zoie SIDAWAY 22/07/21 10:53

**Components**

Component	Value	Reference Range	Flag	Lab
NEURO 9 VIRAL SCREEN	REPORT	—	—	Winpath
Specimen type	CSF	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**HSV, VZV, CMV DNA Detection (PCR)**

Resulted: 22/07/21 16:17, Result status: In process

Ordering clinician: Panagiota SCEALES 22/07/21 10:26  
Filed by: Interface, Winpath Lab Results In 22/07/21 16:17  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Zoie SIDAWAY 22/07/21 10:53

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**CSF Protein and Glucose (Final result)**

Electronically signed by: **Panagiota SCEALES on 22/07/21 10:26**

Status: **Completed**

Ordering user: Panagiota SCEALES 22/07/21 10:26

Ordering clinician: Panagiota SCEALES

Authorised by: Reecha SOFAT

Ordering mode: Standard

Frequency: Routine Once 22/07/21 10:26 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Final result

Instance released by: Panagiota SCEALES (auto-released) 22/7/2021 10:26

**Questionnaire**

Question	Answer
Clinical Details:	Raised ICP, tonsillar herniation, brain stem death. Coroner referral. LP to help ascertain cause of death.
Contact Details (Tel or Bleep)	70301

**Specimen Information**

ID	Type	Source	Collected By
23U259017	Cerebrospinal Fluid	Cerebrospinal Fluid (CSF)	Zoie SIDAWAY 22/07/21 10:53

**CSF Protein and Glucose**

Resulted: 22/07/21 17:49, Result status: Final result

Ordering clinician: Panagiota SCEALES 22/07/21 10:26  
Filed by: Interface, Winpath Lab Results In 22/07/21 17:53  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Zoie SIDAWAY 22/07/21 10:53

**Components**

Component	Value	Reference Range	Flag	Lab
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

CSF appearance	Bloodstained sample, unsuitable for analysis.	—	—	Winpath
CSF protein	Bloodstained sample, unsuitable for analysis.	g/L	—	Winpath
CSF type	Lumbar	—	—	Winpath
CSF glucose	Bloodstained sample, unsuitable for analysis.	mmol/L	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**CSF Protein and Glucose**

Resulted: 22/07/21 16:17, Result status: In process

Ordering clinician: Panagiota SCEALES 22/07/21 10:26  
Filed by: Interface, Winpath Lab Results In 22/07/21 16:17  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Zoie SIDAWAY 22/07/21 10:53

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**CSF Lactate (Final result)**

Electronically signed by: **Panagiota SCEALES on 22/07/21 10:26**

Status: **Completed**

Ordering user: Panagiota SCEALES 22/07/21 10:26

Ordering clinician: Panagiota SCEALES

Authorised by: Reecha SOFAT

Ordering mode: Standard

Frequency: Routine Once 22/07/21 10:26 - 1 occurrence

Class: Lab Collect

Quantity: 1

Lab status: Final result

Instance released by: Panagiota SCEALES (auto-released) 22/7/2021 10:26

**Questionnaire**

Question	Answer
Clinical Details:	Raised ICP, tonsillar herniation, brain stem death. Coroner referral. LP to help ascertain cause of death.
Contact Details (Tel or Bleep)	70301

**Specimen Information**

ID	Type	Source	Collected By
23U259017	Cerebrospinal Fluid	Cerebrospinal Fluid (CSF)	Zoie SIDAWAY 22/07/21 10:53

**CSF Lactate**

Resulted: 22/07/21 17:49, Result status: Final result

Ordering clinician: Panagiota SCEALES 22/07/21 10:26  
Filed by: Interface, Winpath Lab Results In 22/07/21 17:53  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: Zoie SIDAWAY 22/07/21 10:53

**Components**

Component	Value	Reference	Flag	Lab
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

	Range		
CSF lactate	--	mmol/L	Winpath
Result: Bloodstained sample, unsuitable for analysis. Please note: ** AMENDED REPORT **: Date:22/07/21			

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**CSF Lactate** Resulted: 22/07/21 16:17, Result status: In process

Ordering clinician: Panagiota SCEALES 22/07/21 10:26 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 22/07/21 16:17 Collected by: Zoie SIDAWAY 22/07/21 10:53  
 Resulting lab: HSL WINPATH

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**CSF Microscopy (Edited Result - FINAL)**

Electronically signed by: **Interface, Winpath Lab Results In on 22/07/21 16:21** Status: **Completed**  
 Ordering user: Interface, Winpath Lab Results In 22/07/21 16:21 Ordering clinician: Provider Not In SYSTEM  
 Authorised by: Provider Not In SYSTEM Ordering mode: Standard  
 Frequency: Routine Once 22/07/21 16:21 - 1 occurrence Class: Normal  
 Quantity: 1 Lab status: Edited Result - FINAL  
 Instance released by: (auto-released) 22/7/2021 16:21  
 Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
20V338970	—	Cerebrospinal Fluid (CSF)	22/07/21 10:53

Resulted: 22/07/21 18:59, Result status: Edited Result - FINAL

**CSF Microscopy**

Ordering clinician: Provider Not In SYSTEM 22/07/21 16:21 Order status: Completed  
 Filed by: Interface, Winpath Lab Results In 24/07/21 09:30 Collected by: 22/07/21 10:53  
 Resulting lab: HSL WINPATH

**Components**

Component	Value	Reference Range	Flag	Lab
CSF MICROSCOPY	CSF MICROSCO PY REPORT	—	—	Winpath
Volume / bottles	1 ml / 1	—	—	Winpath
Description	yellow	—	—	Winpath
White blood cell count	4	/cu.mm	—	Winpath
Red blood cell count	9,600	/cu.mm	—	Winpath
Gram stain	No organisms seen.	—	—	Winpath

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

Resulted: 22/07/21 18:59, Result status: Edited  
 Result - FINAL

**CSF Microscopy**

Ordering clinician: Provider Not In SYSTEM 22/07/21 16:21  
 Filed by: Interface, Winpath Lab Results In 22/07/21 19:01  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: 22/07/21 10:53

**Components**

Component	Value	Reference Range	Flag	Lab
CSF MICROSCOPY	CSF MICROSCO PY REPORT	—	—	Winpath
Volume / bottles	1 ml / 1	—	—	Winpath
Description	yellow	—	—	Winpath
White blood cell count	4	/cu.mm	—	Winpath
Red blood cell count	9,600	/cu.mm	—	Winpath
Gram stain	No organisms seen.	—	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**CSF Microscopy**

Resulted: 22/07/21 18:45, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 22/07/21 16:21  
 Filed by: Interface, Winpath Lab Results In 22/07/21 18:47  
 Resulting lab: HSL WINPATH

Order status: Completed  
 Collected by: 22/07/21 10:53

**Components**

Component	Value	Reference Range	Flag	Lab
CSF MICROSCOPY	CSF MICROSCO PY REPORT	—	—	Winpath
Volume / bottles	1 ml / 1	—	—	Winpath
Description	yellow	—	—	Winpath
White blood cell count	4	/cu.mm	—	Winpath
Red blood cell count	9,600	/cu.mm	—	Winpath

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

**CSF Microscopy**

Resulted: 22/07/21 16:21, Result status: In process

Ordering clinician: Provider Not In SYSTEM 22/07/21 16:21  
Filed by: Interface, Winpath Lab Results In 22/07/21 16:21  
Resulting lab: HSL WINPATH

Order status: Completed  
Collected by: 22/07/21 10:53

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
16 - Winpath	HSL WINPATH	Unknown	60 Whitfield St, Fitzrovia London W1T 4EU	18/04/18 15:51 - Present

**POCT ARTERIAL BLOOD GAS (Final result)**

Electronically signed by: **Interface, Aqure Results In on 22/07/21 11:04**

Status: **Completed**

Ordering user: Interface, Aqure Results In 22/07/21 11:04

Ordering clinician: Provider Not In SYSTEM

Authorised by: Provider Not In SYSTEM

Ordering mode: Standard

Frequency: Routine Once 22/07/21 11:05 - 1 occurrence

Class: Normal

Quantity: 1

Lab status: Final result

Instance released by: (auto-released) 22/7/2021 11:04

Order comments: Ordered by an unspecified clinician

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	—	22/07/21 11:04

**POCT ARTERIAL BLOOD GAS (Abnormal)**

Resulted: 22/07/21 11:04, Result status: Final result

Ordering clinician: Provider Not In SYSTEM 22/07/21 11:04

Order status: Completed

Filed by: Interface, Aqure Results In 22/07/21 11:04

Collected by: 22/07/21 11:04

Resulting lab: AQUIRE

Narrative:

Oxi compensated for HbF

**Components**

Component	Value	Reference Range	Flag	Lab
Source	Arterial	—	—	56
pH	7.481	—	H ^	56
Comment: Value above reference range				
Carbon Dioxide partial pressure	4.31	kPa	L v	56
Comment: Value below reference range				
Oxygen partial pressure	21.8	kPa	H ^	56
Comment: Value above reference range				
Potassium	4.2	mmol/l	—	56
Sodium	139	mmol/l	—	56
Ionised Calcium	1.13	mmol/l	—	56
Chloride	110	mmol/l	H ^	56
Comment: Value above reference range				
Glucose	9.4	mmol/l	H ^	56
Comment: Value above reference range				
Lactate	1.2	mmol/l	—	56
Total Haemoglobin	113	g/l	L v	56
Comment: Value below reference range				
Deoxyhaemoglobin	0.7	%	L v	56
Comment: Value below reference range				
Oxyhaemoglobin	98.7	%	—	56
Saturated Oxygen	99.3	%	H ^	56
Comment: Value above reference range				
Carboxyhaemoglobin	0.0	%	L v	56
Comment: Value below reference range				

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Lab tests (group 5 of 5) (continued)**

Methaemoglobin	0.6	%	—	56
Fraction of Inspired Oxygen	21.0	%	—	56
Standard Base Excess	0.6	mmol/l	—	56
Standard Bicarbonate	25.3	mmol/l	—	56
Haematocrit	34.5	%	—	56
Oxygen tension at 50% saturation	3.17	kPa	—	56
Oxygen content	7.1	mmol/l	—	56

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
56 - Unknown	AQURE	Unknown	Unknown	10/10/18 11:14 - Present

**Imaging**

**Echocardiography**

**Transthoracic Echo (TTE) (Final result)**

Electronically signed by: **Livia GOTTARDI on 20/07/21 12:37**

Status: **Completed**

This order may be acted on in another encounter.

Ordering user: Livia GOTTARDI 20/07/21 12:37

Ordering clinician: Livia GOTTARDI

Authorised by: Reecha SOFAT

Ordering mode: Standard

Frequency: Routine Once 20/07/21 12:35 - 1 occurrence

Class: Hospital Performed

Quantity: 1

Lab status: Final result

Instance released by: Livia GOTTARDI (auto-released) 20/7/2021 12:37

**Questionnaire**

Question	Answer
Where should this be performed? (UCH and NHNN only)	Departmental
Is contrast required?	No
Is this a Haemoglobinopathy patient?	No
Is a bubble study required?	No
Could this study be focused?	No
Select Appointment Type	Planned for specific date for clinical reasons
Specify date – appointment will be made for nearest date possible, if there are specific circumstances specify in comments	24/7/2021
Flexibility of appointment date	Exact date
NHS or private patient?	1 NHS Patient
Is this order/referral related to a different diagnosis or problem than that being addressed in current appointment/admission? (If 'Yes' a new 18 week RTT pathway will be triggered)	No
Intended Management?	Inpatient
Admit to ward prior to procedure?	No Comment - patient will be admitted
Does this need to be coordinated with other investigations or an admission?	No
Clinical indications:	ICU patient admitted with low GCS and derranged electrolytes, x2 episodes torsade de point on ward requiring 1 shock each. prolonged QTc whihc has now resolved. ECHO on 19/07 showed a large area of wall motion abnormality with EF 40-45%. stepdown today
How can the patient travel to the department?	Bed with Oxygen
What is your team contact number?	70302

**Begin Exam Questions**

	Answer	Comment
Is this a 'Late Effect' patient?	No	
Has verbal consent been obtained?	No	patient intubate, NOD informed
Has a chaperone been offered?	Yes	
Has hand hygiene been performed?	Yes	

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Imaging (continued)**

**End Exam Questions**

	Answer	Comment
Has the computer station, couch, probe and ECG cables been cleaned using green clinell wipes after the procedure?	Yes	
Has hand hygiene been performed?	Yes	
Has the Images been sent to PACs?	Yes	
Approximate length of exam	10	
Which Machine was this procedure performed on?	UCH CV S70-1	

Resulted: 22/07/21 11:46, Result status: Final result

**Transthoracic Echo (TTE) (Abnormal)**

Ordering clinician: Livia GOTTARDI 20/07/21 12:37  
Resulted by: Mariam CHRYSZELLE BATAY  
Performed: 22/07/21 11:44 - 22/07/21 11:46  
Resulting lab: CPACS

Order status: Completed  
Filed by: Mariam CHRYSZELLE BATAY 22/07/21 11:55  
Accession number: RRV2107288

**Narrative:**

1. Normal biventricular sizes and systolic functions.  
Visual estimated LVEF>60%. No obvious RWMA of the LV.
2. Normal biatrial sizes.
3. No significant valvulopathy.
4. No pericardial effusion.

**Components**

Component	Value	Reference Range	Flag	Lab
FS	30	28 - 44 %	—	—
IVS	1.05	0.60 - 1.10 cm	—	—
LV mass	134.33	g	—	—
LVIDD	3.79	0.95 - 1.30 cm	—	—
LVIDS	2.65	0.57 - 0.85 cm	—	—
LVIDS Index	1.83	cm/m2	—	—
LV PW	1.15	0.60 - 1.10 cm	A †	—
SV index ml/m2 (Teich)	24.75	ml/m2	—	—
SV ml (Teich)	35.89	ml	—	—
HR	119.92	1/min	—	—
LVOT peak grad	5.21	mmHg	—	—
LVOT peak vel	1.14	m/s	—	—
LVOT peak VTI	13.58	cm	—	—
LA Size	2.01	cm	—	—
RA area	9.13	cm2	—	—
Ao peak gradient	5.31	mmHg	—	—
Ao peak vel	1.15	m/s	—	—
RV TAPSE (TV annulus)	1.93	cm	—	—
RVD1	3.20	cm	—	—
RVD2	2.74	cm	—	—
MV septal s'	0.11	m/s	—	—
MV lateral s'	0.12	m/s	—	—
RA Area Index	6.30	no units	—	—
LA volume	17.00	ml	—	—
Velocity Ratio (V1/V2)	0.99	—	—	—
LA Area	8.60	cm2	—	—
ZLVIDD	12.27	—	—	—
ZLVIDS	10.64	—	—	—

**Procedures Performed**

**Billables**

TRANSTHORACIC ECHO (TTE) FOCUSED [ECH100]

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Imaging (continued)**

Resulted: 22/07/21 11:45, Result status: In process

**Transthoracic Echo (TTE)**

Ordering clinician: Livia GOTTARDI 20/07/21 12:37  
Resulted by: Mariam CHRYSZELLE BATAY  
Performed: 22/07/21 11:44 - 22/07/21 11:46  
Resulting lab: CPACS

Order status: Completed  
Filed by: Dicom, Background User 22/07/21 11:40  
Accession number: RRV2107288

**Components**

Component	Value	Reference Range	Flag	Lab
FS	30	28 - 44 %	—	—
IVS	1.05	0.60 - 1.10 cm	—	—
LV mass	134.33	g	—	—
LVIDD	3.79	3.50 - 6.00 cm	—	—
LVIDS	2.65	2.10 - 4.00 cm	—	—
LVIDS Index	1.83	cm/m2	—	—
LV PW	1.15	0.60 - 1.10 cm	A †	—
SV index ml/m2 (Teich)	24.75	ml/m2	—	—
SV ml (Teich)	35.89	ml	—	—
HR	119.92	1/min	—	—
LVOT peak grad	5.21	mmHg	—	—
LVOT peak vel	1.14	m/s	—	—
LVOT peak VTI	13.58	cm	—	—
LA Size	2.01	cm	—	—
RA area	9.13	cm2	—	—
Ao peak gradient	5.31	mmHg	—	—
Ao peak vel	1.15	m/s	—	—
RV TAPSE (TV annulus)	1.93	cm	—	—
RVD1	3.20	cm	—	—
RVD2	2.74	cm	—	—
MV septal s'	0.11	m/s	—	—
MV lateral s'	0.12	m/s	—	—
RA Area Index	6.30	no units	—	—

**Procedures Performed**

**Billables**

TRANSTHORACIC ECHO (TTE) FOCUSED [ECH100]

**Myocardial Findings**

Left Ventricle	Normal cavity size. Normal wall thickness. Visually well-maintained LVEF in context of tachycardic HR. Visual EF>60% No regional wall motion abnormalities. Unable to assess the diastolic function.
Right Ventricle	Normal cavity size. Right ventricular function is normal.
Left Atrium	Normal cavity size as measured by area.
Right Atrium	Normal cavity size as measured by area.
IVC/SVC	Inferior vena cava is not well visualised.
Mitral Valve	Normal valve structure. Normal mitral leaflet mobility. No regurgitation. No stenosis.
Tricuspid Valve	Normal valve structure. Normal tricuspid leaflet mobility. No stenosis. Trace regurgitation.
Aortic Valve	Not well-visualised but no doppler evidence of stenosis.
Pulmonic Valve	The pulmonic valve was not well visualised.
Ascending Aorta	The aorta was not well visualised.
Pericardium	No pericardial effusion.

**Signed**

Electronically signed by Mariam CHRYSZELLE BATAY on 22/7/21 at 11:55 BST

**Imaging**

**CT Head with Contrast (Discontinued)**

Electronically signed by: **Simon Alexander Thomas WESTBY** on 18/07/21 11:06

Status: **Discontinued**

Ordering user: Simon Alexander Thomas WESTBY 18/07/21 11:06

Ordering clinician: Simon Alexander Thomas WESTBY

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Imaging (continued)**

Authorised by: Christine GREGSON  
Frequency: Routine Once 18/07/21 11:06 - 1 occurrence  
Quantity: 1

Ordering mode: Standard  
Class: Hospital Performed  
Instance released by: Simon Alexander Thomas WESTBY  
(auto-released) 18/7/2021 11:06

Discontinued by: Karen CLOTTEY 18/07/21 11:16 [Other]

**Questionnaire**

Question	Answer
Is this scan part of the acute stroke pathway?	No
Is this scan from the TIA clinic?	No
What is your team contact number?	2227
NHS or private patient?	1 NHS Patient
Clinical indications:	?encephalitis ? SOL ? bleed, young girl odd behaviour
Are there any clinical risk factors for contrast medium, eg history of renal impairment, hypertension, diabetes or taking medication containing metformin?	No
Does this appointment require a Play Specialist?	No
What is the patient's anaesthetic requirement?	None needed
How can the patient travel to the department?	Chair
Is the patient pregnant?	No

**MR Head (Discontinued)**

Electronically signed by: **Thomas SAMUELS on 18/07/21 13:05**

Status: **Discontinued (Cosignature Pending)**

Ordering user: Thomas SAMUELS 18/07/21 13:05  
Authorised by: Christine GREGSON  
Cosigning events  
Awaiting signature from Christine GREGSON for Discontinuing  
Frequency: Urgent Once 18/07/21 13:06 - 1 occurrence  
Quantity: 1

Ordering clinician: Thomas SAMUELS  
Ordering mode: Standard  
Class: Hospital Performed  
Instance released by: Thomas SAMUELS (auto-released)  
18/7/2021 13:05

Discontinued by: Felicity LACCHIN 19/07/21 22:56

**Questionnaire**

Question	Answer
Which area is this MRI referral related to?	Neuro
If not already in EPIC, Has the patient any of the following: pacemaker, artificial heart valve, intracranial clips, neurostimulator, programmable cerebral shunt or cochlear implant?	No
What is your team contact number?	4310
Is the patient pregnant?	No
Clinical indications:	Acute encephalitis. Uncertain cause. MR to better characterise parenchymal changes.
What is the patient's anaesthetic requirement?	None needed
Does this appointment require a Play Specialist?	No
How can the patient travel to the department?	Bed
NHS or private patient?	1 NHS Patient

**Screening Form**

**General Information**

Patient Name: YOUNG, GAIA Inigo  
Date of Birth: 4/3/1996  
Legal Sex: Female  
MRN: 21365083  
Mobile: 07954 554153

Procedure	Ordering Clinician	Authorising Clinician	Appointment Information
MRI HEAD	Thomas SAMUELS	Christine GREGSON	

**Screening Form Questions**

No questions have been answered for this form.

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Imaging (continued)**

\_\_\_\_\_  
Patient Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Radiographer Signature

\_\_\_\_\_  
Date

**CT Head (Final result)**

Electronically signed by: **Karen CLOTTEY on 18/07/21 11:06**

Status: **Completed**

This order may be acted on in another encounter.

Ordering user: Karen CLOTTEY 18/07/21 11:06

Ordering clinician: Simon Alexander Thomas WESTBY

Authorised by: Christine GREGSON

Ordering mode: Patient group direction (PGD)

Frequency: Routine Once 18/07/21 11:06 - 1 occurrence

Class: Hospital Performed

Quantity: 1

Lab status: Final result

Instance released by: Karen CLOTTEY 18/7/2021 11:16

**Questionnaire**

Question	Answer
Is this scan part of the acute stroke pathway?	No
Is this scan from the TIA clinic?	No
What is your team contact number?	2227
NHS or private patient?	1 NHS Patient
Clinical indications:	?encephalitis ? SOL ? bleed, young girl odd beahviour
Are there any clinical risk factors for contrast medium, eg history of renal impairment, hypertension, diabetes or taking medication containing metformin?	No
Does this appointment require a Play Specialist?	No
What is the patient's anaesthetic requirement?	None needed
How can the patient travel to the department?	Chair
Is the patient pregnant?	No

**Screening Form**

**General Information**

Patient Name: YOUNG, GAIA Inigo  
Date of Birth: 4/3/1996  
Legal Sex: Female

MRN: 21365083  
Mobile: 07954 554153

Procedure	Ordering Clinician	Authorising Clinician	Appointment Information
CT HEAD	Simon Alexander Thomas WESTBY	Christine GREGSON	18/7/2021 11:20 UCH ED CT UCH ED CT

**Screening Form Questions**

No questions have been answered for this form.

\_\_\_\_\_  
Patient Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Radiographer Signature

\_\_\_\_\_  
Date

**End Exam Questions**

	Answer	Comment
DLP (mGy*cm)	707.9	
Cannulation attempt and location		
Image count for ELR		
Patient made aware of use of ionising radiation?	Yes	

Resulted: 18/07/21 13:34, Result status: Final result

**CT Head**

Ordering clinician: Simon Alexander Thomas WESTBY  
18/07/21 11:06  
Resulted by: Ayman MAHFOUZ  
Performed: 18/07/21 13:07 - 18/07/21 13:17

Order status: Completed  
Filed by: Ayman MAHFOUZ 18/07/21 13:40  
Accession number: RRV2101434

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Imaging (continued)**

Resulting lab: IMAGING

Narrative:

Study Date: 18/7/21 Accession No. RRV2101434

Exam Name: CT Head

Clinical Indications:

?encephalitis ? SOL ? bleed, young girl odd behaviour

Findings:

No previous neuroimaging available for comparison.

No intracranial haemorrhage. No acute infarct or mass.

The ventricles and basal cisterns are patent.

No destructive bone lesion.

Impression:

No acute intracranial finding.

Ayman Mahfouz

Consultant Radiologist

GMC : 7041035

University College London Hospitals NHS Foundation Trust

uch.referrals.imaging.secretaries@nhs.net

Acknowledged by: Tim CUTFIELD on 27/07/21 16:29

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

Resulted: 18/07/21 13:11, Result status: In process

**CT Head**

Ordering clinician: Simon Alexander Thomas WESTBY  
18/07/21 11:06

Order status: Completed

Resulted by: Ayman MAHFOUZ

Filed by: Karen CLOTTEY 18/07/21 13:11

Performed: 18/07/21 13:07 - 18/07/21 13:17

Accession number: RRV2101434

Resulting lab: IMAGING

**Reviewed by**

Tim CUTFIELD on 27/07/21 16:29

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

**Signed**

Electronically signed by Ayman MAHFOUZ on 18/7/21 at 13:40 BST

**All Reviewers List**

Tim CUTFIELD on 27/7/2021 16:29

**CT Head (Discontinued)**

Electronically signed by: **Stephen HARRIS on 18/07/21 16:05**

Status: **Discontinued**

Ordering user: Stephen HARRIS 18/07/21 16:05

Ordering clinician: Stephen HARRIS

Authorised by: Stephen HARRIS

Ordering mode: Standard

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Imaging (continued)**

Frequency: Routine Once 18/07/21 16:04 - 1 occurrence  
Quantity: 1

Class: Hospital Performed  
Instance released by: Stephen HARRIS (auto-released)  
18/7/2021 16:05

Discontinued by: Stephen HARRIS 18/07/21 16:11

**Questionnaire**

Question	Answer
Is this scan part of the acute stroke pathway?	No
Is this scan from the TIA clinic?	No
What is your team contact number?	2227
NHS or private patient?	1 NHS Patient
Clinical indications:	? encephalitis
Are there any clinical risk factors for contrast medium, eg history of renal impairment, hypertension, diabetes or taking medication containing metformin?	No
Does this appointment require a Play Specialist?	No
What is the patient's anaesthetic requirement?	None needed
How can the patient travel to the department?	Bed with Oxygen Comment - will come with ITU consultant intubated
Is the patient pregnant?	No

**CT Head (Final result)**

Electronically signed by: **Stephen HARRIS on 18/07/21 16:11**

Status: **Completed**

This order may be acted on in another encounter.

Ordering user: Stephen HARRIS 18/07/21 16:11

Ordering clinician: Stephen HARRIS

Authorised by: Stephen HARRIS

Ordering mode: Standard

Frequency: Routine Once 18/07/21 16:11 - 1 occurrence

Class: Hospital Performed

Quantity: 1

Lab status: Final result

Instance released by: Stephen HARRIS (auto-released) 18/7/2021 16:11

**Questionnaire**

Question	Answer
Is this scan part of the acute stroke pathway?	No
Is this scan from the TIA clinic?	No
What is your team contact number?	2227
NHS or private patient?	1 NHS Patient
Clinical indications:	acute drop in GCS, now GCS 3, ?intracranial bleed as per ITU consultant
Are there any clinical risk factors for contrast medium, eg history of renal impairment, hypertension, diabetes or taking medication containing metformin?	No
Does this appointment require a Play Specialist?	No
What is the patient's anaesthetic requirement?	None needed
How can the patient travel to the department?	Bed with Oxygen Comment - will come with ITU consultant intubated
Is the patient pregnant?	No

**Screening Form**

**General Information**

Patient Name: YOUNG, GAIA Inigo  
Date of Birth: 4/3/1996  
Legal Sex: Female

MRN: 21365083  
Mobile: 07954 554153

Procedure	Ordering Clinician	Authorising Clinician	Appointment Information
CT HEAD	Stephen HARRIS	Stephen HARRIS	18/7/2021 16:50 UCH ED CT UCH ED CT

**Screening Form Questions**

No questions have been answered for this form.

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Imaging (continued)**

\_\_\_\_\_  
 Patient Signature

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Radiographer Signature

\_\_\_\_\_  
 Date

**End Exam Questions**

	Answer	Comment
DLP (mGy*cm)	724.1	
Cannulation attempt and location		
Image count for ELR		
Patient made aware of use of ionising radiation?	No	pt intubated

Resulted: 18/07/21 18:16, Result status: Final result

**CT Head**

Ordering clinician: Stephen HARRIS 18/07/21 16:11

Order status: Completed

Resulted by:

Filed by: Ayman MAHFOUZ 18/07/21 18:20

Ruth Maria DUDEK

Ayman MAHFOUZ

Performed: 18/07/21 16:53 - 18/07/21 16:56

Accession number: RRV2101588

Resulting lab: IMAGING

Narrative:

Study Date: 18/7/21 Accession No. RRV2101588

Exam Name: CT Head

**Clinical Indications:**

acute drop in GCS, now GCS 3, ?intracranial bleed as per ITU consultant

**Findings:**

Comparison to the CT head performed 3 hours prior the same day.

There is slightly poor grey-white matter differentiation and loss of defined sulcal spaces. Findings are suspicious for generalised brain oedema. The cerebellar tonsils are at 1 cm below the foramen magnum. The ventricular system and basal cisterns are slightly effaced due to the generalised oedema.

No obstructive hydrocephalus.

No acute intra or extra-axial haemorrhage.

No major territory infarct.

No diffuse hypoattenuation within the temporal lobes on either side, however these areas are subject to beam hardening artefact from the skull base and better assessed on MRI.

**Impression:**

Slight degradation of grey-white matter differentiation as well as loss of sulcal spaces. Low-lying tonsils. In combination with the drop in GCS these findings are suspicious for generalised brain oedema.

No acute haemorrhage.

No infarction.

No obstructive hydrocephalus

Discussion with neurosurgery is advised.

Findings discussed with the referring team at the time of reporting.

Alexandra Dudek  
 Radiology ST4  
 GMC 7480195

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Imaging (continued)**

University College London Hospitals NHS Foundation Trust  
Uclh.referrals.imaging.secretaries@nhs.net

Dr Ayman Mahfouz  
Consultant Radiologist UCH  
GMC 7041035

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

Resulted: 18/07/21 17:45, Result status:  
Preliminary result

**CT Head**

Ordering clinician: Stephen HARRIS 18/07/21 16:11

Order status: Completed

Resulted by:

Filed by: Ruth Maria DUDEK 18/07/21 18:14

Ruth Maria DUDEK

Ayman MAHFOUZ

Performed: 18/07/21 16:53 - 18/07/21 16:56

Accession number: RRV2101588

Resulting lab: IMAGING

Narrative:

Study Date: 18/7/21 Accession No. RRV2101588

Exam Name: CT Head

**Clinical Indications:**

acute drop in GCS, now GCS 3, ?intracranial bleed as per ITU consultant

**Findings:**

This is a PRELIMINARY RADIOLOGY SPR report which can be acted upon. A consultant will authorise this report and please note once finalised it may change. Please always check the final consultant report.

Comparison to the CT head performed 3 hours prior the same day.

There is slightly poor grey-white matter differentiation and loss of defined sulcal spaces. Findings are suspicious for generalised brain oedema. The cerebellar tonsils are at 1 cm below the foramen magnum. The ventricular system and basal cisterns are slightly effaced due to the generalised oedema.

No obstructive hydrocephalus.

No acute intra or extra-axial haemorrhage.

No major territory infarct.

No diffuse hypoattenuation within the temporal lobes on either side, however these areas are subject to beam hardening artefact from the skull base and better assessed on MRI.

**Impression:**

Slight degradation of grey-white matter differentiation as well as loss of sulcal spaces. Low-lying tonsils. In combination with the drop in GCS these findings are suspicious for generalised brain oedema.

No acute haemorrhage.

No infarction.

No obstructive hydrocephalus

Discussion with neurosurgery is advised.

Findings discussed with the referring team at the time of reporting.

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Imaging (continued)**

Alexandra Dudek  
 Radiology ST4  
 GMC 7480195  
 University College London Hospitals NHS Foundation Trust  
 uclh.referrals.imaging.secretaries@nhs.net

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

Resulted: 18/07/21 16:53, Result status: In process

**CT Head**

Ordering clinician: Stephen HARRIS 18/07/21 16:11      Order status: Completed  
 Resulted by:      Filed by: Grace FINN 18/07/21 16:53  
 Ruth Maria DUDEK  
 Ayman MAHFOUZ  
 Performed: 18/07/21 16:53 - 18/07/21 16:56      Accession number: RRV2101588  
 Resulting lab: IMAGING

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

**Signed**

Electronically signed by Ayman MAHFOUZ on 18/7/21 at 18:20 BST

**CT Angiogram Intracranial (Final result)**

Electronically signed by: **Livia GOTTARDI on 18/07/21 19:19**      Status: **Completed**  
 This order may be acted on in another encounter.  
 Ordering user: Livia GOTTARDI 18/07/21 19:19      Ordering clinician: Livia GOTTARDI  
 Authorised by: Christine GREGSON      Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 19:18 - 1 occurrence      Class: Hospital Performed  
 Quantity: 1      Lab status: Final result  
 Instance released by: Livia GOTTARDI (auto-released) 18/7/2021 19:19

**Questionnaire**

Question	Answer
What is your team contact number?	70300
NHS or private patient?	1 NHS Patient
Clinical indications:	ICU patient post respiratory arrest - generalised cerebral oedema ? cause. severe acute intracranial hypertension. CTA and CTV advised by Neurology and Neurosurgery for ?venous sinus thrombus or ?intravascular occlusion/arterial malformation
Are there any clinical risk factors for contrast medium, eg history of renal impairment, hypertension, diabetes or taking medication containing metformin?	No
Does this appointment require a Play Specialist?	No
What is the patient's anaesthetic requirement?	None needed
Is the patient pregnant?	No
Does this order need result reconciliation from ELR?	Yes

**Screening Form**

**General Information**

Patient Name: YOUNG, GAIA Inigo      MRN: 21365083  
 Date of Birth: 4/3/1996      Mobile: 07954 554153  
 Legal Sex: Female

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Imaging (continued)**

Procedure	Ordering Clinician	Authorising Clinician	Appointment Information
CT ANGIOGRAM INTRACRANIAL	Livia GOTTARDI	Christine GREGSON	18/7/2021 19:55 UCH ED CT UCH ED CT

**Screening Form Questions**

No questions have been answered for this form.

\_\_\_\_\_  
Patient Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Radiographer Signature

\_\_\_\_\_  
Date

**End Exam Questions**

	Answer	Comment
DLP (mGy*cm)	1059	
Cannulation attempt and location		
Image count for ELR		

Resulted: 18/07/21 21:58, Result status: Final result

**CT Angiogram Intracranial**

Ordering clinician: Livia GOTTARDI 18/07/21 19:19

Order status: Completed

Resulted by: Everlight Radiologist RADIANT

Filed by: Elaine ATKINS 19/07/21 16:28

Performed: 18/07/21 20:37 - 18/07/21 20:38

Accession number: RRV2101651

Resulting lab: IMAGING

Narrative:

CT BRAIN , CT ANGIOGRAM NECK AND CIRCLE OF WILLIS

**CLINICAL HISTORY**

ICU patient post respiratory arrest - generalised cerebral oedema ? cause. severe acute intracranial hypertension. CTA and CTV advised by Neurology and Neurosurgery for ?venous sinus thrombus or ?intravascular occ

**FINDINGS:**

Diffuse brain oedema is noted with effacement of the foramen Magnum CSF space, partial deformation of the fourth ventricle and also further defacement of the CSF spaces around the brain stem.

Loss of grey-white matter differentiation is noted.

The CT angiogram shows interruption of flow intracranially with complete loss of anterior/post previous circulation and nonvisualization of intracranial vasculature.

The neck vasculatures appear preserved

Post Aspiration changes seen in the posterior segment left upper lobe  
 Visualised neck soft tissues are normal

**CONCLUSION**

Diffuse brain oedema post hypoxaemia.

There is no blood flow in the intracranial compartment as a consequence of diffuse brain oedema subsequent to hypoxia.

Electronically signed by:

Dr. Changez Khan Jadun

Consultant Diagnostic And Interventional Neuroradiologist

GMC: 6071500

Ever light Radiology

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Imaging (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

Resulted: 18/07/21 20:37, Result status: In process

**CT Angiogram Intracranial**

Ordering clinician: Livia GOTTARDI 18/07/21 19:19  
 Resulted by: Everlight Radiologist RADIANT  
 Performed: 18/07/21 20:37 - 18/07/21 20:38  
 Resulting lab: IMAGING

Order status: Completed  
 Filed by: Christopher IWUAGWU 18/07/21 20:37  
 Accession number: RRV2101651

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

**CT Venogram Cerebral (Final result)**

Electronically signed by: **Livia GOTTARDI on 18/07/21 19:19** Status: **Completed**  
 This order may be acted on in another encounter.  
 Ordering user: Livia GOTTARDI 18/07/21 19:19  
 Authorised by: Christine GREGSON  
 Frequency: Routine Once 18/07/21 19:18 - 1 occurrence  
 Quantity: 1  
 Instance released by: Livia GOTTARDI (auto-released) 18/7/2021 19:19

Ordering clinician: Livia GOTTARDI  
 Ordering mode: Standard  
 Class: Hospital Performed  
 Lab status: Final result

**Questionnaire**

Question	Answer
What is your team contact number?	70300
NHS or private patient?	1 NHS Patient
Clinical indications:	ICU patient post respiratory arrest - generalised cerebral oedema ? cause. severe acute intracranial hypertension. CTA and CTV advised by Neurology and Neurosurgery for ?venous sinus thrombus or ?intravascular occlusion/arterial malformation
Are there any clinical risk factors for contrast medium, eg history of renal impairment, hypertension, diabetes or taking medication containing metformin?	No
Does this appointment require a Play Specialist?	No
What is the patient's anaesthetic requirement?	None needed
How can the patient travel to the department?	Bed with Oxygen
Is the patient pregnant?	No

**Screening Form**

**General Information**

Patient Name: YOUNG, GAIA Inigo MRN: 21365083  
 Date of Birth: 4/3/1996 Mobile: 07954 554153  
 Legal Sex: Female

Procedure	Ordering Clinician	Authorising Clinician	Appointment Information
CT VENOGRAM CEREBRAL	Livia GOTTARDI	Christine GREGSON	18/7/2021 19:55 UCH ED CT UCH ED CT

**Screening Form Questions**

No questions have been answered for this form.

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Imaging (continued)**

\_\_\_\_\_  
 Patient Signature

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Radiographer Signature

\_\_\_\_\_  
 Date

**End Exam Questions**

	Answer	Comment
DLP (mGy*cm)	1059	
Cannulation attempt and location		
Image count for ELR		

Resulted: 18/07/21 21:58, Result status: Final result

**CT Venogram Cerebral**

Ordering clinician: Livia GOTTARDI 18/07/21 19:19

Order status: Completed

Resulted by: Everlight Radiologist RADIANT

Filed by: Elaine ATKINS 19/07/21 16:28

Performed: 18/07/21 20:37 - 18/07/21 20:38

Accession number: RRV2101652

Resulting lab: IMAGING

Narrative:

CT BRAIN , CT ANGIOGRAM NECK AND CIRCLE OF WILLIS

**CLINICAL HISTORY**

ICU patient post respiratory arrest - generalised cerebral oedema ? cause. severe acute intracranial hypertension. CTA and CTV advised by Neurology and Neurosurgery for ?venous sinus thrombus or ?intravascular occ

**FINDINGS:**

Diffuse brain oedema is noted with effacement of the foramen Magnum CSF space, partial deformation of the fourth ventricle and also further defacement of the CSF spaces around the brain stem.

Loss of grey-white matter differentiation is noted.

The CT angiogram shows interruption of flow intracranially with complete loss of anterior/post previous circulation and nonvisualization of intracranial vasculature.

The neck vasculatures appear preserved

Post Aspiration changes seen in the posterior segment left upper lobe

Visualised neck soft tissues are normal

**CONCLUSION**

Diffuse brain oedema post hypoxaemia.

There is no blood flow in the intracranial compartment as a consequence of diffuse brain oedema subsequent to hypoxia.

Electronically signed by:

Dr. Changez Khan Jadun

Consultant Diagnostic And Interventional Neuroradiologist

GMC: 6071500

Ever light Radiology

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

Resulted: 19/07/21 16:28, Result status: In process

**CT Venogram Cerebral**

Ordering clinician: Livia GOTTARDI 18/07/21 19:19

Order status: Completed

Resulted by: Everlight Radiologist RADIANT

Filed by: Elaine ATKINS 19/07/21 16:28

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Imaging (continued)**

Performed: 18/07/21 20:37 - 18/07/21 20:38  
 Resulting lab: IMAGING

Accession number: RRV2101652

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

Resulted: 18/07/21 20:37, Result status: In process

**CT Venogram Cerebral**

Ordering clinician: Livia GOTTARDI 18/07/21 19:19  
 Resulted by: Everlight Radiologist RADIANT  
 Performed: 18/07/21 20:37 - 18/07/21 20:38  
 Resulting lab: IMAGING

Order status: Completed  
 Filed by: Christopher IWUAGWU 18/07/21 20:37  
 Accession number: RRV2101652

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

**XR Chest (Discontinued)**

Electronically signed by: Alasdair SUMMERS on 18/07/21 21:42  
 Ordering user: Alasdair SUMMERS 18/07/21 21:42  
 Authorised by: Christine GREGSON  
 Frequency: Routine Once 18/07/21 21:43 - 1 occurrence  
 Quantity: 1

Status: **Discontinued**  
 Ordering clinician: Alasdair SUMMERS  
 Ordering mode: Standard  
 Class: Hospital Performed  
 Instance released by: Alasdair SUMMERS (auto-released)  
 18/7/2021 21:42

Discontinued by: Alasdair SUMMERS 18/07/21 21:58

**Questionnaire**

Question	Answer
Mobile examination?	Yes
What is your team contact number?	70304
Clinical indications:	CVC position check femoral
NHS or private patient?	1 NHS Patient

**XR Chest Nasogastric Tube Position (Final result)**

Electronically signed by: Livia GOTTARDI on 19/07/21 12:55  
 This order may be acted on in another encounter.  
 Ordering user: Livia GOTTARDI 19/07/21 12:55  
 Authorised by: Christine GREGSON  
 Frequency: Urgent Once 19/07/21 12:55 - 1 occurrence  
 Quantity: 1  
 Instance released by: Livia GOTTARDI (auto-released) 19/7/2021 12:55

Status: **Completed**  
 Ordering clinician: Livia GOTTARDI  
 Ordering mode: Standard  
 Class: Hospital Performed  
 Lab status: Final result

**Questionnaire**

Question	Answer
Mobile examination?	Yes
What is your team contact number?	70300
Clinical indications:	ICU patient NG tube insertion, nil on aspirate
NHS or private patient?	1 NHS Patient

**End Exam Questions**

	Answer	Comment
Patient made aware of use of ionising radiation?	Yes	
kVp	96	
mAs	2	
DAP Reading	2	

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Imaging (continued)**

DAP Units μGym2

Was this examination performed as a mobile?

Resulted: 22/07/21 09:49, Result status: Final result

**XR Chest Nasogastric Tube Position**

Ordering clinician: Livia GOTTARDI 19/07/21 12:55  
Resulted by: Everlight Radiologist RADIANT  
Performed: 19/07/21 13:05 - 19/07/21 13:53  
Resulting lab: IMAGING

Order status: Completed  
Filed by: Interface, Radiology Results In 22/07/21 09:50  
Accession number: RRV2102613

Narrative:

X-RAY AP chest

**FINDINGS**

The lung fields and pleural spaces appear clear. Tip of ET tube lies in region of mid trachea. Tip of NG tube lies below level of diaphragms in a reasonable position for use.

Electronically signed by:

Dr Keith Blanshard  
Consultant Radiologist  
GMC: 2688808  
Everlight Radiology

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

Resulted: 19/07/21 13:05, Result status: In process

**XR Chest Nasogastric Tube Position**

Ordering clinician: Livia GOTTARDI 19/07/21 12:55  
Resulted by: Everlight Radiologist RADIANT  
Performed: 19/07/21 13:05 - 19/07/21 13:53  
Resulting lab: IMAGING

Order status: Completed  
Filed by: Gaby-Lee HACK 19/07/21 13:05  
Accession number: RRV2102613

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

**MR Head with Contrast (Discontinued)**

Electronically signed by: **Livia GOTTARDI on 19/07/21 19:42**

Status: **Discontinued**

Ordering user: Livia GOTTARDI 19/07/21 19:42

Authorised by: Christine GREGSON

Frequency: Urgent Once 19/07/21 19:41 - 1 occurrence

Quantity: 1

Ordering clinician: Livia GOTTARDI

Ordering mode: Patient group direction (PGD)

Class: Hospital Performed

Instance released by: Livia GOTTARDI (auto-released)  
19/7/2021 19:42

Discontinued by: Jalpa UPADHYAY 20/07/21 09:58 [Per Protocol]

**Questionnaire**

Question	Answer
Which area is this MRI referral related to?	Neuro
If not already in EPIC, Has the patient any of the following: pacemaker, artificial heart valve, intracranial clips, neurostimulator, programmable cerebral shunt or cochlear implant?	No
What is your team contact number?	70300
Is the patient pregnant?	No
Clinical indications:	ICU patient, severe sudden onset cerebral oedema with

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Imaging (continued)**

	unknown etiology, previously fit and well. catastrophic event with poor prognosis. MRI to investigate for possible Venous sinus thrombosis
What is the patient's anaesthetic requirement?	None needed
Does this appointment require a Play Specialist?	No
How can the patient travel to the department?	Bed with Oxygen
NHS or private patient?	1 NHS Patient

Order comments: UCH patient Referral to radiology discussed with Dr Harpeet (19 July 2021): patient presents with rapidly progressive and catastrophic cerebral oedema - now has coned. No cause evidence on scannign to date

**MR Venogram (Discontinued)**

Electronically signed by: **Jalpa UPADHYAY on 19/07/21 19:42** Status: **Discontinued**  
 Ordering user: Jalpa UPADHYAY 19/07/21 19:42 Ordering clinician: Livia GOTTARDI  
 Authorised by: Christine GREGSON Ordering mode: Patient group direction (PGD)  
 Frequency: Urgent Once 20/07/21 19:41 - 1 occurrence Class: Hospital Performed  
 Quantity: 1 Instance released by: Jalpa UPADHYAY 20/7/2021 09:58  
 Discontinued by: Jalpa UPADHYAY 20/07/21 09:59 [Per Protocol]

**Questionnaire**

Question	Answer
If not already in EPIC, Has the patient any of the following: pacemaker, artificial heart valve, intracranial clips, neurostimulator, programmable cerebral shunt or cochlear implant?	No
What is your team contact number?	70300
Is the patient pregnant?	No
Clinical indications:	ICU patient, severe sudden onset cerebral oedema with unknown etiology, previously fit and well. catastrophic event with poor prognosis. MRI to investigate for possible Venous sinus thrombosis
What is the patient's anaesthetic requirement?	None needed
Does this appointment require a Play Specialist?	No
How can the patient travel to the department?	Bed with Oxygen
NHS or private patient?	1 NHS Patient

Order comments: UCH patient Referral to radiology discussed with Dr Harpeet (19 July 2021): patient presents with rapidly progressive and catastrophic cerebral oedema - now has coned. No cause evidence on scannign to date

**MR Head with Contrast (Final result)**

Electronically signed by: **Jalpa UPADHYAY on 19/07/21 19:42** Status: **Completed**  
 This order may be acted on in another encounter.  
 Ordering user: Jalpa UPADHYAY 19/07/21 19:42 Ordering clinician: Livia GOTTARDI  
 Authorised by: Christine GREGSON Ordering mode: Patient group direction (PGD)  
 Frequency: Urgent Once 20/07/21 19:41 - 1 occurrence Class: Hospital Performed  
 Quantity: 1 Lab status: Final result  
 Instance released by: Jalpa UPADHYAY 20/7/2021 09:59

**Questionnaire**

Question	Answer
Which area is this MRI referral related to?	Neuro
If not already in EPIC, Has the patient any of the following: pacemaker, artificial heart valve, intracranial clips, neurostimulator, programmable cerebral shunt or cochlear implant?	No
What is your team contact number?	70300
Is the patient pregnant?	No
Clinical indications:	ICU patient, severe sudden onset cerebral oedema with unknown etiology, previously fit and well. catastrophic event with poor prognosis. MRI to investigate for possible Venous sinus thrombosis
What is the patient's anaesthetic requirement?	None needed
Does this appointment require a Play Specialist?	No
How can the patient travel to the department?	Bed with Oxygen
NHS or private patient?	1 NHS Patient

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Imaging (continued)**

Order comments: UCH patient Referral to radiology discussed with Dr Harpeet (19 July 2021): patient presents with rapidly progressive and catastrophic cerebral oedema - now has coned. No cause evidence on scannign to date

**Screening Form**

**General Information**

Patient Name: YOUNG, GAIA Inigo	MRN: 21365083
Date of Birth: 4/3/1996	Mobile: 07954 554153
Legal Sex: Female	

Procedure	Ordering Clinician	Authorising Clinician	Appointment Information
MRI HEAD WITH CONTRAST	Livia GOTTARDI	Christine GREGSON	20/7/2021 16:10 UCH P02 MR2 UCH P02 MRI

**Screening Form Questions**

	Answer	Comment
Have you ever had an operation on your heart (e.g. cardiac stents, pacemakers, ICD, heart valves, repair of holes in the heart, etc.)?	No	
Cardiac device, even if it has been removed (e.g. pacemaker, implantable cardioverter defibrillator (ICD) cardiac monitor or a REVEAL device)?		
Coronary stent?		
Metallic heart valve replacement?		
Have you ever had an operation to your head, neck, spine or ears (e.g. spinal rods, dental implants, aneurysm clips, coils, shunts, cochlear / inner ear devices or any other implants in the head or spine)?	No	
Aneurysm clip?		
Aneurysm coils?		
Shunt or valve?		
Neurostimulator or pain relief stimulator?		
Cochlear implant?		
Dental implants?		
Any other metal implant in your head?		
Metal rods or other metal implants in your spine?		
Do you wear dentures, a dental plate or a brace? (please remove if metal and removable)	No	
Have you ever had an accident or operation to your eyes?	No	
Artificial eye?		
Retinal repair?		
Have you ever had metal fragments in your eyes or other part of your body (e.g., metal filings, shrapnel, bullets, debris, etc.)?	No	
Have you ever had any other type of surgery?		
Have you ever had any other metallic implants or devices (NOT dental) (e.g., orthopaedic implants, joint replacements, plates, clips, IVC filters, stents, coils, clamps, access ports, penile implant, sutures, staples, metal or wire mesh, IUD or contraceptive coil, or any other device)?	No	
Have you had a contraceptive device fitted within the last 6 weeks?		
Do you have a breast tissue expander?		
Have you had sterilisation clips fitted within		



**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Imaging (continued)**

abnormal throughout the cerebral hemispheres with convincing cerebellar infarction. There is trace filling of the intracranial arteries most notably the left M1 and bilateral PCAs.

There is attenuation of the superior sagittal sinus and deep venous system with no flow signal on the MRV study. There is engorgement of the cortical veins. The transverse sinuses and sigmoid sinuses demonstrate loss of the normal flow void with trace enhancement of the left transverse sinus noted.

Ependymal signal abnormality is noted although there is no ependymal enhancement or any intracranial pathological enhancement.

**Impression:**

Severe parenchymal swelling with diffuse cerebral ischaemia and tonsillar herniation with cervico-medullary compression.

Poor intracranial arterial blood flow with attenuation of the superior sagittal sinus and slow flow within the transverse and sigmoid sinuses, most likely secondary to the severe cerebral swelling rather than the primary cause.

The ependymal signal abnormality raises ependymitis of possible viral aetiology although the FLAIR sequence is diffusely abnormal and the appearances may be artefactual. Happy to discuss.

Dr Harpreet Hyare  
Consultant Neuroradiologist  
GMC : 4431716  
University College London Hospitals NHS Foundation Trust  
uclh.referrals.imaging.secretaries@nhs.net

Acknowledged by: Tim CUTFIELD on 27/07/21 16:52

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

Resulted: 20/07/21 22:47, Result status: In process

**MR Head with Contrast**

Ordering clinician: Livia GOTTARDI 19/07/21 19:42

Order status: Completed

Resulted by: Harpreet HYARE

Filed by: Harpreet HYARE 21/07/21 00:07

Performed: 20/07/21 18:08 - 20/07/21 19:00

Accession number: RRV2103686

Resulting lab: IMAGING

Narrative:

Study Date: 20/7/21

Accession No. RRV2103687

RRV2103686

Exam Name: MR Venogram

MR Head with Contrast

**Clinical Indications:**

ICU patient, severe sudden onset cerebral oedema with unknown etiology, previously fit and well. catastrophic event with poor prognosis. MRI to investigate for possible Venous sinus thrombosis

**Findings:**

Comparison is made with the CT head studies dated 19 July 2021.

The MRI study confirms the presence of severe parenchymal swelling with consequent bilateral uncal, transtentorial and tonsillar herniation with compression of the cervico-medullary junction. Diffuse cerebellar infarction is noted. There is trace filling of the intracranial vessels most notable the left M1 and bilateral PCAs.

There is attenuation of the superior sagittal sinus and deep venous system

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Imaging (continued)**

with no flow signal on the MRV study. There is engorgement of the cortical veins. The transverse sinuses and sigmoid sinuses demonstrate loss of the normal flow void with trace enhancement of the left transverse sinus is noted.

Ependymal signal abnormality is noted although there is no ependymal enhancement.

**Impression:**

Severe parenchymal swelling with cerebellar infarction and cervico medullary compression.

Poor intracranial arterial blood flow, attenuation of the superior sagittal sinus and possible slow flow within the transverse and sigmoid sinuses, most likely secondary to the severe cerebral swelling rather than the primary cause.

The ependymal signal abnormality raises the possibility of ependymitis of possible viral aetiology. Is there any clinical correlation?

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**Reviewed by**

Tim CUTFIELD on 27/07/21 16:52

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

Resulted: 20/07/21 18:11, Result status: In process

**MR Head with Contrast**

Ordering clinician: Livia GOTTARDI 19/07/21 19:42  
Resulted by: Harpreet HYARE  
Performed: 20/07/21 18:08 - 20/07/21 19:00  
Resulting lab: IMAGING

Order status: Completed  
Filed by: Emmanuel UDOFIA 20/07/21 18:11  
Accession number: RRV2103686

**Reviewed by**

Tim CUTFIELD on 27/07/21 16:52

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

**Signed**

Electronically signed by Harpreet HYARE on 21/7/21 at 11:54 BST

**All Reviewers List**

Tim CUTFIELD on 27/7/2021 16:52

**MR Venogram (Final result)**

Electronically signed by: **Jalpa UPADHYAY on 20/07/21 09:59**

Status: **Completed**

This order may be acted on in another encounter.

Ordering user: Jalpa UPADHYAY 20/07/21 09:59

Ordering clinician: Livia GOTTARDI

Authorised by: Christine GREGSON

Ordering mode: Patient group direction (PGD)

Frequency: Urgent Once 20/07/21 10:00 - 1 occurrence

Class: Hospital Performed

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Imaging (continued)**

Quantity: 1

Lab status: Final result

Instance released by: Jalpa UPADHYAY 20/7/2021 09:59

**Questionnaire**

Question	Answer
If not already in EPIC, Has the patient any of the following: pacemaker, artificial heart valve, intracranial clips, neurostimulator, programmable cerebral shunt or cochlear implant?	No
What is your team contact number?	70300
Is the patient pregnant?	No
Clinical indications:	ICU patient, severe sudden onset cerebral oedema with unknown etiology, previously fit and well. catastrophic event with poor prognosis. MRI to investigate for possible Venous sinus thrombosis
What is the patient's anaesthetic requirement?	None needed
Does this appointment require a Play Specialist?	No
NHS or private patient?	1 NHS Patient

Order comments: UCH patient Referral to radiology discussed with Dr Harpeet (19 July 2021): patient presents with rapidly progressive and catastrophic cerebral oedema - now has coned. No cause evidence on scannign to date

**Screening Form**

**General Information**

Patient Name: YOUNG, GAIA Inigo	MRN: 21365083
Date of Birth: 4/3/1996	Mobile: 07954 554153
Legal Sex: Female	

Procedure	Ordering Clinician	Authorising Clinician	Appointment Information
MRV VENOGRAM	Livia GOTTARDI	Christine GREGSON	20/7/2021 16:10 UCH P02 MR2 UCH P02 MRI

**Screening Form Questions**

No questions have been answered for this form.

\_\_\_\_\_  
Patient Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Radiographer Signature

\_\_\_\_\_  
Date

**End Exam Questions**

Answer	Comment
Head SAR (w/kg)	
Whole Body SAR (w/kg)	
B1 + rms (uT)	

Resulted: 21/07/21 11:48, Result status: Final result

**MR Venogram**

Ordering clinician: Livia GOTTARDI 20/07/21 09:59	Order status: Completed
Resulted by: Harpreet HYARE	Filed by: Harpreet HYARE 21/07/21 11:54
Performed: 20/07/21 18:08 - 20/07/21 19:00	Accession number: RRV2103687
Resulting lab: IMAGING	
Narrative:	
Study Date: 20/7/21	
Accession No. RRV2103687	
RRV2103686	
Exam Name: MR Venogram	
MR Head with Contrast	

Clinical Indications:  
ICU patient, severe sudden onset cerebral oedema with unknown etiology, previously fit and well. catastrophic event with poor prognosis. MRI to investigate for possible Venous sinus thrombosis

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Imaging (continued)**

**Findings:**

Comparison is made with the CT head studies dated 19 July 2021.

The MRI study confirms the presence of severe parenchymal swelling with consequent bilateral uncal, transtentorial and tonsillar herniation with compression of the cervico-medullary junction. The diffusion is diffusely abnormal throughout the cerebral hemispheres with convincing cerebellar infarction. There is trace filling of the intracranial arteries most notably the left M1 and bilateral PCAs.

There is attenuation of the superior sagittal sinus and deep venous system with no flow signal on the MRV study. There is engorgement of the cortical veins. The transverse sinuses and sigmoid sinuses demonstrate loss of the normal flow void with trace enhancement of the left transverse sinus noted.

Ependymal signal abnormality is noted although there is no ependymal enhancement or any intracranial pathological enhancement.

**Impression:**

Severe parenchymal swelling with diffuse cerebral ischaemia and tonsillar herniation with cervico-medullary compression.

Poor intracranial arterial blood flow with attenuation of the superior sagittal sinus and slow flow within the transverse and sigmoid sinuses, most likely secondary to the severe cerebral swelling rather than the primary cause.

The ependymal signal abnormality raises ependymitis of possible viral aetiology although the FLAIR sequence is diffusely abnormal and the appearances may be artefactual. Happy to discuss.

Dr Harpreet Hyare  
Consultant Neuroradiologist  
GMC : 4431716  
University College London Hospitals NHS Foundation Trust  
uclh.referrals.imaging.secretaries@nhs.net

Acknowledged by: Tim CUTFIELD on 27/07/21 16:52

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

Resulted: 20/07/21 22:47, Result status: In process

**MR Venogram**

Ordering clinician: Livia GOTTARDI 20/07/21 09:59

Order status: Completed

Resulted by: Harpreet HYARE

Filed by: Harpreet HYARE 21/07/21 00:07

Performed: 20/07/21 18:08 - 20/07/21 19:00

Accession number: RRV2103687

Resulting lab: IMAGING

Narrative:

Study Date: 20/7/21

Accession No. RRV2103687

RRV2103686

Exam Name: MR Venogram

MR Head with Contrast

**Clinical Indications:**

ICU patient, severe sudden onset cerebral oedema with unknown etiology, previously fit and well. catastrophic event with poor prognosis. MRI to investigate for possible Venous sinus thrombosis

**Findings:**

Comparison is made with the CT head studies dated 19 July 2021.

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Imaging (continued)**

The MRI study confirms the presence of severe parenchymal swelling with consequent bilateral uncal, transtentorial and tonsillar herniation with compression of the cervico-medullary junction. Diffuse cerebellar infarction is noted. There is trace filling of the intracranial vessels most notable the left M1 and bilateral PCAs.

There is attenuation of the superior sagittal sinus and deep venous system with no flow signal on the MRV study. There is engorgement of the cortical veins. The transverse sinuses and sigmoid sinuses demonstrate loss of the normal flow void with trace enhancement of the left transverse sinus is noted.

Ependymal signal abnormality is noted although there is no ependymal enhancement.

**Impression:**

Severe parenchymal swelling with cerebellar infarction and cervico medullary compression.

Poor intracranial arterial blood flow, attenuation of the superior sagittal sinus and possible slow flow within the transverse and sigmoid sinuses, most likely secondary to the severe cerebral swelling rather than the primary cause.

The ependymal signal abnormality raises the possibility of ependymitis of possible viral aetiology. Is there any clinical correlation?

Dr Harpreet Hyare  
Consultant Neuroradiologist  
GMC : 4431716  
University College London Hospitals NHS Foundation Trust  
uclh.referrals.imaging.secretaries@nhs.net

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

Resulted: 20/07/21 18:11, Result status: In process

**MR Venogram**

Ordering clinician: Livia GOTTARDI 20/07/21 09:59  
Resulted by: Harpreet HYARE  
Performed: 20/07/21 18:08 - 20/07/21 19:00  
Resulting lab: IMAGING

Order status: Completed  
Filed by: Emmanuel UDOFIA 20/07/21 18:11  
Accession number: RRV2103687

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

**Signed**

Electronically signed by Harpreet HYARE on 21/7/21 at 11:54 BST

**XR Chest (Final result)**

Electronically signed by: **Declan CRILLY on 21/07/21 22:00**

Status: **Completed**

This order may be acted on in another encounter.

Ordering user: Declan CRILLY 21/07/21 22:00

Authorised by: Reecha SOFAT

Frequency: Urgent Once 21/07/21 22:01 - 1 occurrence

Quantity: 1

Instance released by: Declan CRILLY (auto-released) 21/7/2021 22:01

Ordering clinician: Declan CRILLY

Ordering mode: Standard

Class: Hospital Performed

Lab status: Final result

**Questionnaire**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Imaging (continued)**

Question	Answer
Mobile examination?	No
What is your team contact number?	70301
Clinical indications:	Pre organ harvest CXR
NHS or private patient?	1 NHS Patient

**End Exam Questions**

	Answer	Comment
Patient made aware of use of ionising radiation?	Yes	
kVp	95	x3
mAs	2.5	x3
DAP Reading	0.4	x3
DAP Units	dGycm2	

Was this examination performed as a mobile?

Resulted: 28/07/21 12:33, Result status: Final result

**XR Chest**

Ordering clinician: Declan CRILLY 21/07/21 22:01  
 Resulted by: Everlight Radiologist RADIANT  
 Performed: 21/07/21 22:55 - 21/07/21 22:56  
 Resulting lab: IMAGING  
 Narrative:  
 X-RAY AP chest

Order status: Completed  
 Filed by: Interface, Radiology Results In 28/07/21 12:33  
 Accession number: RRV2107080

**FINDINGS**

The lung fields and pleural spaces appear clear.

Electronically signed by:

Dr Keith Blanshard  
 Consultant Radiologist  
 GMC: 2688808  
 Everlight Radiology

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

Resulted: 21/07/21 22:55, Result status: In process

**XR Chest**

Ordering clinician: Declan CRILLY 21/07/21 22:01  
 Resulted by: Everlight Radiologist RADIANT  
 Performed: 21/07/21 22:55 - 21/07/21 22:56  
 Resulting lab: IMAGING

Order status: Completed  
 Filed by: Jaina KERAI 21/07/21 22:55  
 Accession number: RRV2107080

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

**Neurology**

**Portable EEG (on ward) (Discontinued)**

Electronically signed by: Thomas SAMUELS on 18/07/21 13:04

Status: Discontinued (Cosignature Pending)

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Imaging (continued)**

Ordering user: Thomas SAMUELS 18/07/21 13:04  
 Authorised by: Christine GREGSON  
 Additional signing events  
 Awaiting signature from Thomas SAMUELS, for Discontinuing in Emergency order mode, Communicator - Emily LAWSON  
 Comment-Transferred to ITU, not for EEG at this time.  
 Cosigning events  
 Awaiting signature from Christine GREGSON for Discontinuing  
 Frequency: Routine Once 18/07/21 13:01 - 1 occurrence  
 Quantity: 1  
 Discontinued by: Emily LAWSON 19/07/21 13:02

Ordering clinician: Thomas SAMUELS  
 Ordering mode: Standard  
 Class: Hospital Performed  
 Instance released by: Thomas SAMUELS (auto-released)  
 18/7/2021 13:04

**Questionnaire**

Question	Answer
Which location?	UCH
Epilepsy related diagnoses:	Clinical suspicion of epilepsy
Relevant Clinical Information	Possible encephalitis. Acute behavioural change. Low grade fever. Episodes of non responsiveness without convulsions
Referrer Contact Details (Name and Tel or Bleep):	T Samuels SHO 4310

**Procedures**

**Lumbar puncture (Edited Result - FINAL)**

Electronically signed by: **Thomas SAMUELS on 23/07/21 09:21** Status: **Completed**  
 Ordering user: Thomas SAMUELS 23/07/21 09:21  
 Authorised by: Christian HASFORD  
 Frequency: Routine Once 23/07/21 09:22 - 1 occurrence  
 Quantity: 1  
 Instance released by: Thomas SAMUELS 23/7/2021 09:21  
 Order comments: This order was created via procedure documentation

Ordering clinician: Thomas SAMUELS  
 Ordering mode: Standard  
 Class: Normal  
 Lab status: Edited Result - FINAL

Resulted: 18/07/21 14:15, Result status: Edited Result - FINAL

**Lumbar puncture**

Ordering clinician: Thomas SAMUELS 23/07/21 09:21 Order status: Completed  
 Filed by: Thomas SAMUELS 23/07/21 09:30  
 Narrative:  
 Thomas SAMUELS 23/7/2021 09:30  
 Lumbar puncture

Date/Time: 18/7/2021 14:15  
 Performed by: Simon Alexander Thomas WESTBY  
 Authorized by: Christian HASFORD

Indications: Evaluation for infection and evaluation for altered mental status

Anaesthesia: Local infiltration  
 Local anaesthetic: Lidocaine 1% without adrenaline  
 Patient sedated: No  
 Sterile drapes: Yes  
 Site cleaned with: 2% Chlorhex  
 Lumbar space: L4-L5 interspace  
 Patient's position: Right lateral decubitus  
 Needle type: Spinal needle - Quincke tip  
 Needle length: Standard  
 Number of attempts: 1  
 Post-procedure: Adhesive bandage applied

Documented in retrospect.  
 Procedure attempted by FY1 Westby, assisted and supervised by IMT Samuels  
 Details as above.  
 Procedure abandoned without accessing the intra-thecal space due to patient becoming agitated.  
 No immediate complications

**Procedures Performed**

**Billables**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Procedures (continued)**

LUMBAR PUNCTURE [PRO88]

**Lumbar puncture**

Resulted: 23/07/21 09:21, Result status: Final result

Ordering clinician: Thomas SAMUELS 23/07/21 09:21 Order status: Completed

Filed by: Thomas SAMUELS 23/07/21 09:24

Narrative:

Thomas SAMUELS 23/7/2021 09:24

Lumbar puncture

Date/Time: 23/7/2021 09:21

Performed by: Simon Alexander Thomas WESTBY

Authorized by: Christian HASFORD

Indications: Evaluation for infection and evaluation for altered mental status

Anaesthesia: Local infiltration

Local anaesthetic: Lidocaine 1% without adrenaline

Patient sedated: No

Sterile drapes: Yes

Site cleaned with: 2% Chlorhex

Lumbar space: L4-L5 interspace

Patient's position: Right lateral decubitus

Needle type: Spinal needle - Quincke tip

Needle length: Standard

Number of attempts: 1

Post-procedure: Adhesive bandage applied

Documented in retrospect.

Procedure attempted by FY1 Westby, assisted and supervised by IMT Samuels

Details as above.

Procedure abandoned without accessing the intra-thecal space due to patient becoming agitated.

No immediate complications

**Procedures Performed**

**Billables**

LUMBAR PUNCTURE [PRO88]

**Lumbar puncture (Final result)**

Electronically signed by: **Thomas SAMUELS on 23/07/21 09:25**

Status: **Completed**

Ordering user: Thomas SAMUELS 23/07/21 09:25

Ordering clinician: Thomas SAMUELS

Authorised by: Christian HASFORD

Ordering mode: Standard

Frequency: Routine Once 23/07/21 09:26 - 1 occurrence

Class: Normal

Quantity: 1

Lab status: Final result

Instance released by: Thomas SAMUELS 23/7/2021 09:25

Order comments: This order was created via procedure documentation

**Lumbar puncture**

Resulted: 18/07/21 15:15, Result status: Final result

Ordering clinician: Thomas SAMUELS 23/07/21 09:25

Order status: Completed

Filed by: Thomas SAMUELS 23/07/21 09:29

Narrative:

Thomas SAMUELS 23/7/2021 09:29

Lumbar puncture

Date/Time: 18/7/2021 15:15

Performed by: Thomas SAMUELS

Authorized by: Christian HASFORD

Indications: Evaluation for infection and evaluation for altered mental status

Anaesthesia: Local infiltration

Local anaesthetic: Lidocaine 1% without adrenaline

Anaesthetic total (ml): 5

Patient sedated: Yes

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Procedures (continued)**

Sedation: Morphine  
Analgesia: Morphine  
Sterile drapes: Yes  
Site cleaned with: 2% Chlorhex  
Operator: Glove  
Lumbar space: L3-L4 interspace  
Patient's position: Left lateral decubitus  
Needle gauge: 20  
Needle type: Spinal needle - Quincke tip  
Needle length: Standard

Documented in retrospect - did not document contemporaneous due to events documented elsewhere.  
Procedure attempted by IMT Samuels with FY1 Westby and student nurse (name not known to me) assisting.  
2.5mg IV morphine diluted to 5ml total volume with saline administered by FY1 Westby 10min before procedure. Patient observed. No immediate complications.  
Site cleaned and infiltrated with local anaesthetic by myself. No blood or CSF withdrawn during infiltration.  
During procedure, patient noticed to be unresponsive by FY1 Westby.  
Procedure abandoned and resuscitation commenced as documented elsewhere.

**Procedures Performed**

**Billables**

LUMBAR PUNCTURE [PRO88]

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

Case 660835

**Surgery Information**

**General Information**

Date: 18/7/2021	Time:	Status: Unposted
Location: UCH IR IMAGING	Theatre:	Specialty:
Patient class:	Case classification:	

**Diagnosis Information**

No post-op diagnosis codes associated with the log.

**Clinical Documentation**

**Case Tracking Events**

No case tracking events recorded

**Event Tracking**

No event timings documented

**Patient Preparation**

None

**Counts by Panel**

**Panel 1**

Type	Which ?	Correc t?	X-Ray?	Dr Notified?	Counted By	Verified By
Swabs	Initial					
Sharps	Initial					
Instruments	Initial					
Swabs	Closing					
Sharps	Closing					
Instruments	Closing					
Swabs	Final					
Sharps	Final					
Instruments	Final					

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

Case 660905

**Surgery Information**

**General Information**

Date: 18/7/2021	Time:	Status: Unposted
Location: UCH IR IMAGING	Theatre:	Specialty:
Patient class:	Case classification:	

**Diagnosis Information**

No post-op diagnosis codes associated with the log.

**Clinical Documentation**

**Case Tracking Events**

No case tracking events recorded

**Event Tracking**

No event timings documented

**Patient Preparation**

None

**Counts by Panel**

**Panel 1**

Type	Which ?	Correc t?	X-Ray?	Dr Notified?	Counted By	Verified By
Swabs	Initial					
Sharps	Initial					
Instruments	Initial					
Swabs	Closing					
Sharps	Closing					
Instruments	Closing					
Swabs	Final					
Sharps	Final					
Instruments	Final					

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

Case 660942

**Surgery Information**

**General Information**

Date: 18/7/2021	Time:	Status: Unposted
Location: UCH IR IMAGING	Theatre:	Specialty:
Patient class:	Case classification:	

**Diagnosis Information**

No post-op diagnosis codes associated with the log.

**Clinical Documentation**

**Case Tracking Events**

No case tracking events recorded

**Event Tracking**

No event timings documented

**Patient Preparation**

None

**Counts by Panel**

**Panel 1**

Type	Which ?	Correct?	X-Ray?	Dr Notified?	Counted By	Verified By
Swabs	Initial					
Sharps	Initial					
Instruments	Initial					
Swabs	Closing					
Sharps	Closing					
Instruments	Closing					
Swabs	Final					
Sharps	Final					
Instruments	Final					

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

Case 663141

**Surgery Information**

**General Information**

Date: 20/7/2021	Time:	Status: Unposted
Location: UCH IR IMAGING	Theatre:	Specialty:
Patient class:	Case classification:	

**Diagnosis Information**

No post-op diagnosis codes associated with the log.

**Clinical Documentation**

**Case Tracking Events**

No case tracking events recorded

**Event Tracking**

No event timings documented

**Patient Preparation**

None

**Counts by Panel**

**Panel 1**

Type	Which ?	Correc t?	X-Ray?	Dr Notified?	Counted By	Verified By
Swabs	Initial					
Sharps	Initial					
Instruments	Initial					
Swabs	Closing					
Sharps	Closing					
Instruments	Closing					
Swabs	Final					
Sharps	Final					
Instruments	Final					

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Case 664496 (ORGAN RETRIEVAL OPERATION)**

**Surgery Information**

**General Information**

Date: 22/7/2021	Time: 19:31	Status: Posted
Location: UCH T2THR	Theatre: DSU TH 01	Specialty: ENT
Patient class: Inpatient	Case classification: Urgent within 24 hours	

**Diagnosis Information**

**Diagnosis**

Brainstem death

**Panel Information**

**Panel 1**

Surgeon	Role	Specialty	Start Time	End Time
Organ Procurement SURGEON	Consultant	ENT	13:50	15:29

**Procedure: ORGAN RETRIEVAL OPERATION [X45.9]**

Laterality	Wound Class	Incision Closure	Anaesthesia	Op Site	Length
N/A			General		255

Brainstem death certified 2025 on 21st July 2021

liver out @ 1446  
kidney out @ 1509

**ORGAN RETRIEVAL OPERATION (N/A) - Position 1**

Body: <b>Supine</b> Sheet Draw, Strap Safety	Left Arm: <b>Tucked at Side</b> Armboard	Right <b>Tucked at Side</b> Arm: Armboard
Head: <b>Aligned</b> Pillow, Gel Pad Donut	Left Leg: <b>Straight</b> Gel Ankle Pad	Right <b>Straight</b> Leg: Gel Ankle Pad
Positioned by: <b>Maria PATERNO-GARANDI</b> <b>Evert GUMABAO</b> <b>Liam HENNIGAN</b> <b>Ellen Rosina Hazel PAICE</b> <b>Wint MON</b> <b>Sarah CIECHANOWICZ</b> <b>Organ Procurement SURGEON</b>		Comments: + organ team, ICU : team

**Procedure: LUMBAR PUNCTURE**

Laterality	Wound Class	Incision Closure	Anaesthesia	Op Site	Length
				Spine	

**Surgeons**

Name	Panel	Role	Time Period
Organ Procurement SURGEON	Panel 1	Consultant	22/7/2021 13:50 - 22/7/2021 15:29

**Staff**

Name	Type	Time Period
Maria PATERNO-GARANDI	Circulating Practitioner	22/7/2021 13:33 - 22/7/2021 16:35
Evert GUMABAO	Theatre Circulating Assistant	22/7/2021 13:33 - 22/7/2021 16:35
Liam HENNIGAN	Theatre Circulating Assistant	22/7/2021 13:33 - 22/7/2021 16:35

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Case 664496 (ORGAN RETRIEVAL OPERATION) (continued)**

<b>Ellen Rosina Hazel PAICE</b>	Anaesthetic Practitioner	22/7/2021 13:33 - 22/7/2021 16:35
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**Anaesthesia Staff**

Name	Type	Time Period
<b>Wint MON</b>	Named Consultant Anaesthetist	
<b>Sarah CIECHANOWICZ</b>	Named Consultant Anaesthetist	

**Visitors**

Name	Type	Time Period
<b>ALBA BUENO</b> Comments: ASSISTANT KCH	Other (see comments)	22/7/2021 13:33 - 22/7/2021 16:35
<b>AAMIR NAWAZ</b> Comments: LEAD SURGEON KCH	Other (see comments)	22/7/2021 13:33 - 22/7/2021 16:35
<b>GWEN BRAGAIS</b> Comments: PERFUSIONIST KCH	Other (see comments)	22/7/2021 13:33 - 22/7/2021 16:35
<b>CHONA ABELLANOSA</b> Comments: SCRUB NURSE- KCH	Other (see comments)	22/7/2021 13:33 - 22/7/2021 16:35
<b>Sonia Fernandez</b> Comments: SNOD	Other (see comments)	22/7/2021 13:33 - 22/7/2021 16:35
<b>Zoe Nicholas</b> Comments: ICU Nurse	Other (see comments)	22/7/2021 13:33 - 22/7/2021 16:35
<b>Nana Ampem</b> Comments: Student Nurse - ICU based	Nursing Student	22/7/2021 13:33 - 22/7/2021 16:35
<b>POMBO FERNANDEZ, TAMARA</b> Comments: Organ Harvest - Lead Nurse (Emergency Medicine)	Other (see comments)	22/7/2021 13:33 - 22/7/2021 16:35
<b>Stepahie GIBB</b> Comments: Speacialty ICU Nurse (Organ) - St Thomas	Other (see comments)	22/7/2021 13:33 - 22/7/2021 16:35

**Case Completion Information**

Incision Site	Laterality	Dressings
<b>Abdomen</b> mortuary bag and kits, and paperworks attached	N/A	Opsite

**Case Completion - Additional Information**

**Pre-op diagnosis**

Brainstem death [G93.8]

**Post-op diagnosis**

None

**Verification Information**

Staff Member	Date	Time
<b>Evart GUMABAO</b>	22/7/2021	18:29

**Timeouts**

**Sarah CIECHANOWICZ at Thu 22 Jul 2021 14:05 BST**

**Timeout Details**

Timeout type: Sign-in

**Procedures**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Case 664496 (ORGAN RETRIEVAL OPERATION) (continued)**

Panel 1: ORGAN RETRIEVAL OPERATION with Organ Procurement SURGEON  
*Brainstem death certified 2025 on 21st July 2021*

*liver out @ 1446*  
*kidney out @ 1509*

**Staff Present**

Anaesthesia Staff  
Wint MON

**Verification History**

Staff	Performed	Verified
Sarah CIECHANOWICZ	Thu 22 Jul 2021 14:05 BST	Thu 22 Jul 2021 14:05 BST

**Evart GUMABAO at Thu 22 Jul 2021 16:03 BST**

**Timeout Details**

Timeout type: Time Out

**Procedures**

Panel 1: ORGAN RETRIEVAL OPERATION with Organ Procurement SURGEON  
*Brainstem death certified 2025 on 21st July 2021*

*liver out @ 1446*  
*kidney out @ 1509*

**Staff Present**

Surgeons  
Organ Procurement SURGEON

Anaesthesia Staff  
Wint MON  
Sarah CIECHANOWICZ  
Katherine Elizabeth Sarah COPPACK

Staff  
Maria PATERNO-GARANDI  
Evart GUMABAO  
Liam HENNIGAN  
Ellen Rosina Hazel PAICE

Other  
Tamara POMBO FERNANDEZ

**Comments**

ICU Team, Abdo Organ Team WHO initiated by Dr Mon, signed in behalf of the team

**Verification History**

Staff	Performed	Verified
Evart GUMABAO	Thu 22 Jul 2021 16:03 BST	Thu 22 Jul 2021 16:03 BST

**Evart GUMABAO at Thu 22 Jul 2021 18:26 BST**

**Timeout Details**

Timeout type: Sign-out

**Procedures**

Panel 1: ORGAN RETRIEVAL OPERATION with Organ Procurement SURGEON  
*Brainstem death certified 2025 on 21st July 2021*

*liver out @ 1446*  
*kidney out @ 1509*

**Staff Present**

Surgeons  
Organ Procurement SURGEON  
Staff

Anaesthesia Staff  
Wint MON

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Case 664496 (ORGAN RETRIEVAL OPERATION) (continued)**

Maria PATERNO-GARANDI  
 Evert GUMABAO  
 Ellen Rosina Hazel PAICE

**Comments**

+ Organ Harvest Team, ICU staff,

**Verification History**

Staff	Performed	Verified
Evert GUMABAO	Thu 22 Jul 2021 18:26 BST	Thu 22 Jul 2021 18:26 BST

**Clinical Documentation**

**Case Tracking Events**

Event	Time In
In Facility	Sat 17 Jul 2021 23:10
Anaesthesia Start	Thu 22 Jul 2021 13:33
Anaesthesia Ready	Thu 22 Jul 2021 14:33
In Room	Thu 22 Jul 2021 13:33
Case Start	Thu 22 Jul 2021 13:50
Case Finish	Thu 22 Jul 2021 15:29
Out of Room	Thu 22 Jul 2021 16:35
Room Clean	Thu 22 Jul 2021 18:25
Anaesthesia End	Thu 22 Jul 2021 16:05
Perioperative Care Completed	Thu 22 Jul 2021 16:36

**Event Tracking**

**Panel 1**

Event	Time In
Incision Start	
Incision Close	
Procedure : ORGAN RETRIEVAL OPERATION	
Event	Time In
Procedure Start	13:50
Procedure End	13:29
Procedure : LUMBAR PUNCTURE	
Event	Time In
Procedure Start	
Procedure End	

**Patient Preparation**

**Patient Preparation**

Area	Laterality	Scrub	Paint	Hair Removal
Abdomen	N/A	Aqueous Betadine		
Skin Condition				
Skin Site	Condition		Comments	
Overall	Warm, Dry, Intact			

**Post-op Skin Information**

Skin Site	Condition
Overall	Other (see comments)

**Counts by Panel**

**Panel 1**

Type	Which	Correc	X-	Dr	Counted By	Verified By
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Case 664496 (ORGAN RETRIEVAL OPERATION) (continued)**

	?	t?	Ray?	Notified?		
<b>Swabs</b>	Initial				TEMPEDNURSE1	TEMPEDNURSE10
Scrub: Chona Abellarosa						
Donor Tech: Gwen Bragais						
<b>Sharps</b>	Initial				TEMPEDNURSE1	TEMPEDNURSE10
Scrub: Chona Abellarosa						
Donor Tech: Gwen Bragais						
<b>Instruments</b>	Initial				TEMPEDNURSE1	TEMPEDNURSE10
Scrub: Chona Abellarosa						
Donor Tech: Gwen Bragais						
<b>Swabs</b>	Closing	Yes			TEMPEDNURSE1	TEMPEDNURSE10
Scrub: Chona Abellarosa						
Donor Tech: Gwen Bragais						
<b>Sharps</b>	Closing	Yes			TEMPEDNURSE1	TEMPEDNURSE10
Scrub: Chona Abellarosa						
Donor Tech: Gwen Bragais						
<b>Instruments</b>	Closing	Yes			TEMPEDNURSE1	TEMPEDNURSE10
Scrub: Chona Abellarosa						
Donor Tech: Gwen Bragais						
<b>Swabs</b>	Final	Yes			TEMPEDNURSE1	TEMPEDNURSE10
Scrub: Chona Abellarosa						
Donor Tech: Gwen Bragais						
<b>Sharps</b>	Final	Yes			TEMPEDNURSE1	TEMPEDNURSE10
Scrub: Chona Abellarosa						
Donor Tech: Gwen Bragais						
<b>Instruments</b>	Final	Yes			TEMPEDNURSE1	TEMPEDNURSE10
Scrub: Chona Abellarosa						
Donor Tech: Gwen Bragais						

**Notes**

**Anaesthesia Preprocedure Evaluation**

**Wint MON at 22/7/2021 14:25**

Duke Activity Status Index

Clinical Frailty Score & 4AT

Nutritional Score

Patient Active Problem List

Diagnosis	Date Noted
• Brainstem death Added automatically from request for surgery 664496	17/07/2021

No past surgical history on file.

Social History

Tobacco Use

- Smoking status: Not on file

Substance Use Topics

- Alcohol use: Not on file
- Drug use: Not on file<sup>[WM.1T]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Case 664496 (ORGAN RETRIEVAL OPERATION) (continued)**

Pre-Assessment Clinic - Assessment and Examination

for organ retrieval - liver and kidneys<sup>[WM.1M]</sup>

Lab Test Results

Component	Value	Date
HAEMOGLOBIN	112 (L)	22/07/2021
WHITECELL	9.24	22/07/2021
PLATELET	150	22/07/2021
SODIUM	139	22/07/2021
POTASSIUM	4.2	22/07/2021
CREATININE	52	22/07/2021
EGFR	>90	22/07/2021
HBA1CPERCEN	5.2	20/07/2021
BILIRUBIN	11	22/07/2021
ALKALINEPHOS	79	22/07/2021
ALBUMIN	36	22/07/2021
APTT	37	22/07/2021
INR	1.04	22/07/2021
GROUP	AB POS	21/07/2021
GROUP	AB POS	21/07/2021
ABSCREEN	Negative	21/07/2021
ABSCREEN	Negative	21/07/2021
COVID19	NOT detected	20/07/2021
CULTUREMPRE	No MRSA isolated.	20/07/2021
URNCULT	Screening culture negative.	18/07/2021

[Anaesthetic Plan](#)

ASA score:<sup>[WM.1T]</sup> 6<sup>[WM.2M]</sup>

Anaesthesia category:<sup>[WM.1T]</sup> urgent<sup>[WM.2M]</sup>

Patient status on day of procedure:<sup>[WM.1T]</sup> OK to proceed<sup>[WM.2M]</sup>

Electronically signed by Wint MON at 22/7/2021 14:29

**Attribution Key**

WM.1 - Wint MON on 22/7/2021 14:25

WM.2 - Wint MON on 22/7/2021 14:28

M - Manual, T - Template

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Anaesthesia on 22/07/21**

**Anaesthesia Information**

**Anaesthesia Summary - YOUNG, GAIA [21365083] Female 25 y.o.** Current as of 16/09/21 15:59

Height: Not recorded  
 Weight: 55 kg (22/07/21)  
 BMI: Not recorded  
 NBM Status: Not recorded  
 Allergies: No Known Allergies

**Procedure Summary**

Date: 22/07/21 Theatre / Location: UCH T2 DSU TH01 / UCH T2THR  
 Anaesthesia Start: 13:33 Anaesthesia Stop: 16:05  
 Procedures: Diagnosis:  
 ORGAN RETRIEVAL OPERATION (N/A ) Brainstem death  
 LUMBAR PUNCTURE (Spine) (Brainstem death [G93.8])  
 Surgeons: Organ Procurement SURGEON Anaesthetist: Wint MON  
 Anaesthesia Type: general ASA Status: 6

**Responsible Staff**

22/07/21

Name	Role	Begin	End
Wint MON	Cons Anaesth	13:33	16:05
Sarah CIECHANOWICZ	Cons Anaesth	13:33	16:05

**Events**

Date	Time	Event
22/7/2021	13:33	Anaesthesia Start
	13:33	Patient in Room
	13:33	Induction The patient was reevaluated immediately before anaesthesia induction.
	13:33	Quick Note Transferred from Oxylog to theatre ventilator
	13:34	Start Data Anaesthetic Room
	13:54	Quick Note Before incision: IV Cefoxitin 2g Benzylpenicillin 1.2g Gentamicin 160mg
	14:30	Quick Note Turned off all monitoring, medications and ventilation
	14:33	Anaesthesia Ready
	14:33	Start Data Collection
	14:33	Cannula Flushed
	14:33	Stop Data Collection
	15:29	Procedure Finish
	16:02	Quick Note Full asepsis G+G+M+H Chlorprep to skin 2G spinal need to L3/4 - no flow Used 16G Touhy to L3/4 - blood stained straw colour fluid Samples sent to the lab
	16:05	Anaesthesia End
	16:35	Patient Out of Room

**Attestation Information**

Staff Name	Date	Time	Type
Evar GUMABAO	22/07/21	18:29	Intra-Op

**Medication**

rocuronium injection 50 mg/5 mL (mg)

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Anaesthesia on 22/07/21 (continued)**

Date/Time	Rate/Dose/Volume	Action	Route	Admin User
22/07/21 13:42	50 mg	Given	Intravenous	Wint MON
13:44	50 mg	Given	Intravenous	Wint MON
14:00	50 mg	Given	Intravenous	Wint MON
14:03	50 mg	Given	Intravenous	Wint MON

**compound sodium lactate (Hartmann's) (mL)**

Date/Time	Rate/Dose/Volume	Action	Route	Admin User
22/07/21 13:33	1,000 mL	Given	Intravenous	Wint MON

**Preprocedure Signoff**

Not yet signed.

**Signoff Status**

None

**Notes**

**Anaesthesia Preprocedure Evaluation**

**Wint MON at 22/7/2021 14:25**

Duke Activity Status Index

Clinical Frailty Score & 4AT

Nutritional Score

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Diagnosis	Date Noted
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Pre-Assessment Clinic - Assessment and Examination

for organ retrieval - liver and kidneys<sup>[WM.1M]</sup>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Anaesthesia on 22/07/21 (continued)**

Lab Test Results

Component	Value	Date
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CREATININE	52	22/07/2021
EGFR	>90	22/07/2021
HBA1CPERCEN	5.2	20/07/2021
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ALBUMIN	36	22/07/2021
APTT	37	22/07/2021
INR	1.04	22/07/2021
GROUP	AB POS	21/07/2021
GROUP	AB POS	21/07/2021
ABSCREEN	Negative	21/07/2021
ABSCREEN	Negative	21/07/2021
COVID19	NOT detected	20/07/2021
CULTUREMPRE	No MRSA isolated.	20/07/2021
URNCULT	Screening culture negative.	18/07/2021

[Anaesthetic Plan](#)

ASA score:<sup>[WM.1T]</sup> 6<sup>[WM.2M]</sup>

Anaesthesia category:<sup>[WM.1T]</sup> urgent<sup>[WM.2M]</sup>

Patient status on day of procedure:<sup>[WM.1T]</sup> OK to proceed<sup>[WM.2M]</sup>

Electronically signed by Wint MON at 22/7/2021 14:29

**Attribution Key**

WM.1 - Wint MON on 22/7/2021 14:25

WM.2 - Wint MON on 22/7/2021 14:28

M - Manual, T - Template

**Flowsheets**

**Agents**

Row Name	22/07/21 14:33
O2	0 L/min -WM at 22/07/21 14:33
Air	0 L/min -WM at 22/07/21 14:33

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Anaesthesia on 22/07/21 (continued)**

Inspired Sevoflurane	0 % -WM at 22/07/21 14:33
Expired Sevoflurane	0 % -WM at 22/07/21 14:33

**Devices Testing Template**

Row Name	22/07/21 14:30	22/07/21 14:29	22/07/21 14:28	22/07/21 14:27	22/07/21 14:26
Tidal (Observed)	—	—	7 mL -DI at 22/07/21 14:28	6 mL -DI at 22/07/21 14:27	403 mL -DI at 22/07/21 14:26
PIP Observed	—	—	1 cm H2O -DI at 22/07/21 14:28	1 cm H2O -DI at 22/07/21 14:27	16 cm H2O -DI at 22/07/21 14:26
PEEP/CPAP	—	—	5 cm H2O -DI at 22/07/21 14:28	5 cm H2O -DI at 22/07/21 14:27	5 cm H2O -DI at 22/07/21 14:26
I:E Ratio	—	—	1:2.00 -DI at 22/07/21 14:28	1:2.00 -DI at 22/07/21 14:27	1:2.00 -DI at 22/07/21 14:26
Vent Mode	—	—	Manual ventilation -DI at 22/07/21 14:28	Manual ventilation -DI at 22/07/21 14:27	Pressure controlled ventilation -DI at 22/07/21 14:26
Resp	—	—	14 -DI at 22/07/21 14:28	14 -DI at 22/07/21 14:27	15 -DI at 22/07/21 14:26
Pulse	—	—	—	134 -DI at 22/07/21 14:27	138 -DI at 22/07/21 14:26
Arterial	(!) 6/2 -DI at 22/07/21 14:30	(!) 6/6 -DI at 22/07/21 14:29	(!) 10/10 -DI at 22/07/21 14:28	(!) 40/36 -DI at 22/07/21 14:27	(!) 79/44 -DI at 22/07/21 14:26
SpO2	(!) 69 % -DI at 22/07/21 14:30	(!) 66 % -DI at 22/07/21 14:29	(!) 75 % -DI at 22/07/21 14:28	(!) 78 % -DI at 22/07/21 14:27	100 % -DI at 22/07/21 14:26
MAC	—	—	1.1 -DI at 22/07/21 14:28	1.1 -DI at 22/07/21 14:27	0.9 -DI at 22/07/21 14:26
O2	—	—	1.9 L/min -DI at 22/07/21 14:28	1.2 L/min -DI at 22/07/21 14:27	1.2 L/min -DI at 22/07/21 14:26
Air	—	—	4.1 L/min -DI at 22/07/21 14:28	3 L/min -DI at 22/07/21 14:27	2.1 L/min -DI at 22/07/21 14:26
Inspired Sevoflurane	—	—	2.3 % -DI at 22/07/21 14:28	2.3 % -DI at 22/07/21 14:27	3 % -DI at 22/07/21 14:26
Expired Sevoflurane	—	—	2.3 % -DI at 22/07/21 14:28	2.3 % -DI at 22/07/21 14:27	1.9 % -DI at 22/07/21 14:26
Arterial MAP	4 -DI at 22/07/21 14:30	6 -DI at 22/07/21 14:29	10 -DI at 22/07/21 14:28	36 -DI at 22/07/21 14:27	55 -DI at 22/07/21 14:26
FiO2	—	—	43 % -DI at 22/07/21 14:28	43 % -DI at 22/07/21 14:27	46 % -DI at 22/07/21 14:26
ETCO2	—	—	3.3 kPa -DI at 22/07/21 14:28	3.3 kPa -DI at 22/07/21 14:27	5.2 kPa -DI at 22/07/21 14:26
Row Name	22/07/21 14:25	22/07/21 14:24	22/07/21 14:23	22/07/21 14:22	22/07/21 14:21
Tidal (Observed)	386 mL -DI at 22/07/21 14:25	374 mL -DI at 22/07/21 14:24	399 mL -DI at 22/07/21 14:23	430 mL -DI at 22/07/21 14:22	392 mL -DI at 22/07/21 14:21
PIP Observed	15 cm H2O -DI at 22/07/21 14:25	15 cm H2O -DI at 22/07/21 14:24	15 cm H2O -DI at 22/07/21 14:23	15 cm H2O -DI at 22/07/21 14:22	15 cm H2O -DI at 22/07/21 14:21
PEEP/CPAP	5 cm H2O -DI at 22/07/21 14:25	5 cm H2O -DI at 22/07/21 14:24	5 cm H2O -DI at 22/07/21 14:23	5 cm H2O -DI at 22/07/21 14:22	5 cm H2O -DI at 22/07/21 14:21
I:E Ratio	1:2.00 -DI at 22/07/21 14:25	1:2.00 -DI at 22/07/21 14:24	1:2.00 -DI at 22/07/21 14:23	1:2.00 -DI at 22/07/21 14:22	1:2.00 -DI at 22/07/21 14:21
Vent Mode	Pressure controlled ventilation -DI at 22/07/21 14:25	Pressure controlled ventilation -DI at 22/07/21 14:24	Pressure controlled ventilation -DI at 22/07/21 14:23	Pressure controlled ventilation -DI at 22/07/21 14:22	Pressure controlled ventilation -DI at 22/07/21 14:21
Resp	15 -DI at 22/07/21 14:25	15 -DI at 22/07/21 14:24	15 -DI at 22/07/21 14:23	15 -DI at 22/07/21 14:22	15 -DI at 22/07/21 14:21
Pulse	124 -DI at 22/07/21 14:25	126 -DI at 22/07/21 14:24	125 -DI at 22/07/21 14:23	118 -DI at 22/07/21 14:22	110 -DI at 22/07/21 14:21
Arterial	127/77 -DI at 22/07/21 14:25	(!) 159/97 -DI at 22/07/21 14:24	(!) 195/115 -DI at 22/07/21 14:23	(!) 173/119 -DI at 22/07/21 14:22	(!) 69/43 -DI at 22/07/21 14:21
SpO2	100 % -DI at 22/07/21 14:25	100 % -DI at 22/07/21 14:24	100 % -DI at 22/07/21 14:23	100 % -DI at 22/07/21 14:22	100 % -DI at 22/07/21 14:21
MAC	0.9 -DI at 22/07/21 14:25	0.7 -DI at 22/07/21 14:24	0.5 -DI at 22/07/21 14:23	0.4 -DI at 22/07/21 14:22	0.4 -DI at 22/07/21 14:21
O2	1.2 L/min -DI at 22/07/21 14:25	1.2 L/min -DI at 22/07/21 14:24	1.2 L/min -DI at 22/07/21 14:23	1.2 L/min -DI at 22/07/21 14:22	1.1 L/min -DI at 22/07/21 14:21

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Anaesthesia on 22/07/21 (continued)**

Air	2.1 L/min -DI at 22/07/21 14:25	2.1 L/min -DI at 22/07/21 14:24	2.1 L/min -DI at 22/07/21 14:23	2.1 L/min -DI at 22/07/21 14:22	2.1 L/min -DI at 22/07/21 14:21
Inspired Sevoflurane	2.8 % -DI at 22/07/21 14:25	2.7 % -DI at 22/07/21 14:24	1.7 % -DI at 22/07/21 14:23	0.9 % -DI at 22/07/21 14:22	1 % -DI at 22/07/21 14:21
Expired Sevoflurane	1.8 % -DI at 22/07/21 14:25	1.4 % -DI at 22/07/21 14:24	1.1 % -DI at 22/07/21 14:23	0.9 % -DI at 22/07/21 14:22	0.9 % -DI at 22/07/21 14:21
Arterial MAP	96 -DI at 22/07/21 14:25	123 -DI at 22/07/21 14:24	149 -DI at 22/07/21 14:23	141 -DI at 22/07/21 14:22	51 -DI at 22/07/21 14:21
FiO2	46 % -DI at 22/07/21 14:25	46 % -DI at 22/07/21 14:24	46 % -DI at 22/07/21 14:23	45 % -DI at 22/07/21 14:22	45 % -DI at 22/07/21 14:21
ETCO2	5.2 kPa -DI at 22/07/21 14:25	5.3 kPa -DI at 22/07/21 14:24	5.2 kPa -DI at 22/07/21 14:23	5.1 kPa -DI at 22/07/21 14:22	4.8 kPa -DI at 22/07/21 14:21
<b>Row Name</b>	<b>22/07/21 14:20</b>	<b>22/07/21 14:19</b>	<b>22/07/21 14:18</b>	<b>22/07/21 14:17</b>	<b>22/07/21 14:16</b>
Tidal (Observed)	369 mL -DI at 22/07/21 14:20	348 mL -DI at 22/07/21 14:19	379 mL -DI at 22/07/21 14:18	410 mL -DI at 22/07/21 14:17	338 mL -DI at 22/07/21 14:16
PIP Observed	15 cm H2O -DI at 22/07/21 14:20	15 cm H2O -DI at 22/07/21 14:19	15 cm H2O -DI at 22/07/21 14:18	15 cm H2O -DI at 22/07/21 14:17	15 cm H2O -DI at 22/07/21 14:16
PEEP/CPAP	5 cm H2O -DI at 22/07/21 14:20	5 cm H2O -DI at 22/07/21 14:19	5 cm H2O -DI at 22/07/21 14:18	5 cm H2O -DI at 22/07/21 14:17	5 cm H2O -DI at 22/07/21 14:16
I:E Ratio	1:2.00 -DI at 22/07/21 14:20	1:2.00 -DI at 22/07/21 14:19	1:2.00 -DI at 22/07/21 14:18	1:2.00 -DI at 22/07/21 14:17	1:2.00 -DI at 22/07/21 14:16
Vent Mode	Pressure controlled ventilation -DI at 22/07/21 14:20	Pressure controlled ventilation -DI at 22/07/21 14:19	Pressure controlled ventilation -DI at 22/07/21 14:18	Pressure controlled ventilation -DI at 22/07/21 14:17	Pressure controlled ventilation -DI at 22/07/21 14:16
Resp	16 -DI at 22/07/21 14:20	15 -DI at 22/07/21 14:19	15 -DI at 22/07/21 14:18	15 -DI at 22/07/21 14:17	15 -DI at 22/07/21 14:16
Pulse	112 -DI at 22/07/21 14:20	112 -DI at 22/07/21 14:19	116 -DI at 22/07/21 14:18	116 -DI at 22/07/21 14:17	118 -DI at 22/07/21 14:16
Arterial	(!) 207/91 -DI at 22/07/21 14:20	105/62 -DI at 22/07/21 14:19	(!) 206/206 -DI at 22/07/21 14:18	(!) 208/208 -DI at 22/07/21 14:17	114/64 -DI at 22/07/21 14:16
SpO2	100 % -DI at 22/07/21 14:20	100 % -DI at 22/07/21 14:19	100 % -DI at 22/07/21 14:18	100 % -DI at 22/07/21 14:17	100 % -DI at 22/07/21 14:16
MAC	0.4 -DI at 22/07/21 14:20	0.4 -DI at 22/07/21 14:19	0.4 -DI at 22/07/21 14:18	0.4 -DI at 22/07/21 14:17	0.4 -DI at 22/07/21 14:16
O2	1.2 L/min -DI at 22/07/21 14:20	1.1 L/min -DI at 22/07/21 14:19	1.1 L/min -DI at 22/07/21 14:18	1.2 L/min -DI at 22/07/21 14:17	1.1 L/min -DI at 22/07/21 14:16
Air	2.1 L/min -DI at 22/07/21 14:20	2.1 L/min -DI at 22/07/21 14:19	2.1 L/min -DI at 22/07/21 14:18	2.1 L/min -DI at 22/07/21 14:17	2.1 L/min -DI at 22/07/21 14:16
Inspired Sevoflurane	1 % -DI at 22/07/21 14:20	1.1 % -DI at 22/07/21 14:19	1.1 % -DI at 22/07/21 14:18	1.1 % -DI at 22/07/21 14:17	1 % -DI at 22/07/21 14:16
Expired Sevoflurane	0.9 % -DI at 22/07/21 14:20	0.9 % -DI at 22/07/21 14:19	0.9 % -DI at 22/07/21 14:18	0.9 % -DI at 22/07/21 14:17	0.9 % -DI at 22/07/21 14:16
Arterial MAP	139 -DI at 22/07/21 14:20	75 -DI at 22/07/21 14:19	206 -DI at 22/07/21 14:18	208 -DI at 22/07/21 14:17	79 -DI at 22/07/21 14:16
FiO2	45 % -DI at 22/07/21 14:20	45 % -DI at 22/07/21 14:19	45 % -DI at 22/07/21 14:18	46 % -DI at 22/07/21 14:17	46 % -DI at 22/07/21 14:16
ETCO2	5.1 kPa -DI at 22/07/21 14:20	4.9 kPa -DI at 22/07/21 14:19	5.3 kPa -DI at 22/07/21 14:18	5.3 kPa -DI at 22/07/21 14:17	5.3 kPa -DI at 22/07/21 14:16
<b>Row Name</b>	<b>22/07/21 14:15</b>	<b>22/07/21 14:14</b>	<b>22/07/21 14:13</b>	<b>22/07/21 14:12</b>	<b>22/07/21 14:11</b>
Tidal (Observed)	349 mL -DI at 22/07/21 14:15	333 mL -DI at 22/07/21 14:14	351 mL -DI at 22/07/21 14:13	349 mL -DI at 22/07/21 14:12	357 mL -DI at 22/07/21 14:11
PIP Observed	15 cm H2O -DI at 22/07/21 14:15	15 cm H2O -DI at 22/07/21 14:14	15 cm H2O -DI at 22/07/21 14:13	15 cm H2O -DI at 22/07/21 14:12	15 cm H2O -DI at 22/07/21 14:11
PEEP/CPAP	5 cm H2O -DI at 22/07/21 14:15	5 cm H2O -DI at 22/07/21 14:14	5 cm H2O -DI at 22/07/21 14:13	5 cm H2O -DI at 22/07/21 14:12	5 cm H2O -DI at 22/07/21 14:11
I:E Ratio	1:2.00 -DI at 22/07/21 14:15	1:2.00 -DI at 22/07/21 14:14	1:2.00 -DI at 22/07/21 14:13	1:2.00 -DI at 22/07/21 14:12	1:2.00 -DI at 22/07/21 14:11
Vent Mode	Pressure controlled ventilation -DI at 22/07/21 14:15	Pressure controlled ventilation -DI at 22/07/21 14:14	Pressure controlled ventilation -DI at 22/07/21 14:13	Pressure controlled ventilation -DI at 22/07/21 14:12	Pressure controlled ventilation -DI at 22/07/21 14:11
Resp	15 -DI at 22/07/21 14:15	15 -DI at 22/07/21 14:14	15 -DI at 22/07/21 14:13	15 -DI at 22/07/21 14:12	15 -DI at 22/07/21 14:11
Pulse	118 -DI at 22/07/21 14:15	119 -DI at 22/07/21 14:14	119 -DI at 22/07/21 14:13	119 -DI at 22/07/21 14:12	119 -DI at 22/07/21 14:11
Arterial	111/61 -DI at 22/07/21 14:15	111/59 -DI at 22/07/21 14:14	110/58 -DI at 22/07/21 14:13	109/57 -DI at 22/07/21 14:12	114/62 -DI at 22/07/21 14:11
SpO2	100 %	100 %	100 %	100 %	100 %

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Anaesthesia on 22/07/21 (continued)**

	-DI at 22/07/21 14:15	-DI at 22/07/21 14:14	-DI at 22/07/21 14:13	-DI at 22/07/21 14:12	-DI at 22/07/21 14:11
MAC	0.4	0.4	0.4	0.4	0.5
	-DI at 22/07/21 14:15	-DI at 22/07/21 14:14	-DI at 22/07/21 14:13	-DI at 22/07/21 14:12	-DI at 22/07/21 14:11
O2	1.2 L/min				
	-DI at 22/07/21 14:15	-DI at 22/07/21 14:14	-DI at 22/07/21 14:13	-DI at 22/07/21 14:12	-DI at 22/07/21 14:11
Air	2.1 L/min				
	-DI at 22/07/21 14:15	-DI at 22/07/21 14:14	-DI at 22/07/21 14:13	-DI at 22/07/21 14:12	-DI at 22/07/21 14:11
Inspired Sevoflurane	1 %	1 %	1 %	0.9 %	1 %
	-DI at 22/07/21 14:15	-DI at 22/07/21 14:14	-DI at 22/07/21 14:13	-DI at 22/07/21 14:12	-DI at 22/07/21 14:11
Expired Sevoflurane	0.9 %	0.9 %	0.9 %	0.9 %	1 %
	-DI at 22/07/21 14:15	-DI at 22/07/21 14:14	-DI at 22/07/21 14:13	-DI at 22/07/21 14:12	-DI at 22/07/21 14:11
Arterial MAP	76	74	73	71	77
	-DI at 22/07/21 14:15	-DI at 22/07/21 14:14	-DI at 22/07/21 14:13	-DI at 22/07/21 14:12	-DI at 22/07/21 14:11
FiO2	46 %	46 %	46 %	46 %	46 %
	-DI at 22/07/21 14:15	-DI at 22/07/21 14:14	-DI at 22/07/21 14:13	-DI at 22/07/21 14:12	-DI at 22/07/21 14:11
ETCO2	5.5 kPa	5.3 kPa	5.5 kPa	5.3 kPa	5.5 kPa
	-DI at 22/07/21 14:15	-DI at 22/07/21 14:14	-DI at 22/07/21 14:13	-DI at 22/07/21 14:12	-DI at 22/07/21 14:11
<b>Row Name</b>	<b>22/07/21 14:10</b>	<b>22/07/21 14:09</b>	<b>22/07/21 14:08</b>	<b>22/07/21 14:07</b>	<b>22/07/21 14:06</b>
Tidal (Observed)	360 mL	361 mL	359 mL	388 mL	342 mL
	-DI at 22/07/21 14:10	-DI at 22/07/21 14:09	-DI at 22/07/21 14:08	-DI at 22/07/21 14:07	-DI at 22/07/21 14:06
PIP Observed	15 cm H2O				
	-DI at 22/07/21 14:10	-DI at 22/07/21 14:09	-DI at 22/07/21 14:08	-DI at 22/07/21 14:07	-DI at 22/07/21 14:06
PEEP/CPAP	5 cm H2O				
	-DI at 22/07/21 14:10	-DI at 22/07/21 14:09	-DI at 22/07/21 14:08	-DI at 22/07/21 14:07	-DI at 22/07/21 14:06
I:E Ratio	1:2.00	1:2.00	1:2.00	1:2.00	1:2.00
	-DI at 22/07/21 14:10	-DI at 22/07/21 14:09	-DI at 22/07/21 14:08	-DI at 22/07/21 14:07	-DI at 22/07/21 14:06
Vent Mode	Pressure controlled ventilation				
	-DI at 22/07/21 14:10	-DI at 22/07/21 14:09	-DI at 22/07/21 14:08	-DI at 22/07/21 14:07	-DI at 22/07/21 14:06
Resp	15	15	12	12	12
	-DI at 22/07/21 14:10	-DI at 22/07/21 14:09	-DI at 22/07/21 14:08	-DI at 22/07/21 14:07	-DI at 22/07/21 14:06
Pulse	119	116	112	98	97
	-DI at 22/07/21 14:10	-DI at 22/07/21 14:09	-DI at 22/07/21 14:08	-DI at 22/07/21 14:07	-DI at 22/07/21 14:06
Arterial	112/59	114/60	122/67	118/82	(!) 86/49
	-DI at 22/07/21 14:10	-DI at 22/07/21 14:09	-DI at 22/07/21 14:08	-DI at 22/07/21 14:07	-DI at 22/07/21 14:06
SpO2	100 %	100 %	100 %	100 %	100 %
	-DI at 22/07/21 14:10	-DI at 22/07/21 14:09	-DI at 22/07/21 14:08	-DI at 22/07/21 14:07	-DI at 22/07/21 14:06
MAC	0.4	0.5	0.6	0.9	0.9
	-DI at 22/07/21 14:10	-DI at 22/07/21 14:09	-DI at 22/07/21 14:08	-DI at 22/07/21 14:07	-DI at 22/07/21 14:06
O2	1.2 L/min	1.4 L/min	1.2 L/min	1.1 L/min	1.2 L/min
	-DI at 22/07/21 14:10	-DI at 22/07/21 14:09	-DI at 22/07/21 14:08	-DI at 22/07/21 14:07	-DI at 22/07/21 14:06
Air	2.1 L/min	2.5 L/min	2.3 L/min	2.1 L/min	2.1 L/min
	-DI at 22/07/21 14:10	-DI at 22/07/21 14:09	-DI at 22/07/21 14:08	-DI at 22/07/21 14:07	-DI at 22/07/21 14:06
Inspired Sevoflurane	0.6 %	0.6 %	0.7 %	2.3 %	2.4 %
	-DI at 22/07/21 14:10	-DI at 22/07/21 14:09	-DI at 22/07/21 14:08	-DI at 22/07/21 14:07	-DI at 22/07/21 14:06
Expired Sevoflurane	0.9 %	1 %	1.2 %	1.8 %	1.8 %
	-DI at 22/07/21 14:10	-DI at 22/07/21 14:09	-DI at 22/07/21 14:08	-DI at 22/07/21 14:07	-DI at 22/07/21 14:06
Arterial MAP	74	77	85	91	60
	-DI at 22/07/21 14:10	-DI at 22/07/21 14:09	-DI at 22/07/21 14:08	-DI at 22/07/21 14:07	-DI at 22/07/21 14:06
FiO2	46 %	46 %	46 %	47 %	46 %
	-DI at 22/07/21 14:10	-DI at 22/07/21 14:09	-DI at 22/07/21 14:08	-DI at 22/07/21 14:07	-DI at 22/07/21 14:06
ETCO2	5.6 kPa	5.5 kPa	5.5 kPa	5.5 kPa	5.7 kPa
	-DI at 22/07/21 14:10	-DI at 22/07/21 14:09	-DI at 22/07/21 14:08	-DI at 22/07/21 14:07	-DI at 22/07/21 14:06
<b>Row Name</b>	<b>22/07/21 14:05</b>	<b>22/07/21 14:04</b>	<b>22/07/21 14:03</b>	<b>22/07/21 14:02</b>	<b>22/07/21 14:01</b>
Tidal (Observed)	360 mL	348 mL	366 mL	345 mL	333 mL
	-DI at 22/07/21 14:05	-DI at 22/07/21 14:04	-DI at 22/07/21 14:03	-DI at 22/07/21 14:02	-DI at 22/07/21 14:01
PIP Observed	15 cm H2O				
	-DI at 22/07/21 14:05	-DI at 22/07/21 14:04	-DI at 22/07/21 14:03	-DI at 22/07/21 14:02	-DI at 22/07/21 14:01
PEEP/CPAP	5 cm H2O				
	-DI at 22/07/21 14:05	-DI at 22/07/21 14:04	-DI at 22/07/21 14:03	-DI at 22/07/21 14:02	-DI at 22/07/21 14:01
I:E Ratio	1:2.00	1:2.00	1:2.00	1:2.00	1:2.00
	-DI at 22/07/21 14:05	-DI at 22/07/21 14:04	-DI at 22/07/21 14:03	-DI at 22/07/21 14:02	-DI at 22/07/21 14:01
Vent Mode	Pressure controlled ventilation				
	-DI at 22/07/21 14:05	-DI at 22/07/21 14:04	-DI at 22/07/21 14:03	-DI at 22/07/21 14:02	-DI at 22/07/21 14:01
Resp	12	12	12	12	12
	-DI at 22/07/21 14:05	-DI at 22/07/21 14:04	-DI at 22/07/21 14:03	-DI at 22/07/21 14:02	-DI at 22/07/21 14:01

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Anaesthesia on 22/07/21 (continued)**

Pulse	96 -DI at 22/07/21 14:05	96 -DI at 22/07/21 14:04	87 -DI at 22/07/21 14:03	90 -DI at 22/07/21 14:02	90 -DI at 22/07/21 14:01
Arterial	99/60 -DI at 22/07/21 14:05	115/69 -DI at 22/07/21 14:04	(!) 212/127 -DI at 22/07/21 14:03	(!) 212/206 -DI at 22/07/21 14:02	(!) 83/48 -DI at 22/07/21 14:01
SpO2	100 % -DI at 22/07/21 14:05	100 % -DI at 22/07/21 14:04	100 % -DI at 22/07/21 14:03	100 % -DI at 22/07/21 14:02	100 % -DI at 22/07/21 14:01
MAC	0.9 -DI at 22/07/21 14:05	0.9 -DI at 22/07/21 14:04	0.9 -DI at 22/07/21 14:03	0.9 -DI at 22/07/21 14:02	0.9 -DI at 22/07/21 14:01
O2	1.2 L/min -DI at 22/07/21 14:05	1.2 L/min -DI at 22/07/21 14:04	1.2 L/min -DI at 22/07/21 14:03	1.2 L/min -DI at 22/07/21 14:02	1.1 L/min -DI at 22/07/21 14:01
Air	2.1 L/min -DI at 22/07/21 14:05	2.1 L/min -DI at 22/07/21 14:04	2.1 L/min -DI at 22/07/21 14:03	2.1 L/min -DI at 22/07/21 14:02	2.1 L/min -DI at 22/07/21 14:01
Inspired Sevoflurane	2.3 % -DI at 22/07/21 14:05	2.4 % -DI at 22/07/21 14:04	2.4 % -DI at 22/07/21 14:03	2.3 % -DI at 22/07/21 14:02	2.7 % -DI at 22/07/21 14:01
Expired Sevoflurane	1.8 % -DI at 22/07/21 14:05	1.9 % -DI at 22/07/21 14:04	1.8 % -DI at 22/07/21 14:03	1.8 % -DI at 22/07/21 14:02	1.9 % -DI at 22/07/21 14:01
Arterial MAP	71 -DI at 22/07/21 14:05	84 -DI at 22/07/21 14:04	166 -DI at 22/07/21 14:03	210 -DI at 22/07/21 14:02	59 -DI at 22/07/21 14:01
FiO2	46 % -DI at 22/07/21 14:05	46 % -DI at 22/07/21 14:04	46 % -DI at 22/07/21 14:03	46 % -DI at 22/07/21 14:02	45 % -DI at 22/07/21 14:01
ETCO2	5.5 kPa -DI at 22/07/21 14:05	5.5 kPa -DI at 22/07/21 14:04	5.3 kPa -DI at 22/07/21 14:03	5.5 kPa -DI at 22/07/21 14:02	5.3 kPa -DI at 22/07/21 14:01
<b>Row Name</b>	<b>22/07/21 14:00</b>	<b>22/07/21 13:59</b>	<b>22/07/21 13:58</b>	<b>22/07/21 13:57</b>	<b>22/07/21 13:56</b>
Tidal (Observed)	334 mL -DI at 22/07/21 14:00	351 mL -DI at 22/07/21 13:59	346 mL -DI at 22/07/21 13:58	433 mL -DI at 22/07/21 13:57	436 mL -DI at 22/07/21 13:56
PIP Observed	15 cm H2O -DI at 22/07/21 14:00	15 cm H2O -DI at 22/07/21 13:59	15 cm H2O -DI at 22/07/21 13:58	15 cm H2O -DI at 22/07/21 13:57	15 cm H2O -DI at 22/07/21 13:56
PEEP/CPAP	5 cm H2O -DI at 22/07/21 14:00	5 cm H2O -DI at 22/07/21 13:59	5 cm H2O -DI at 22/07/21 13:58	5 cm H2O -DI at 22/07/21 13:57	5 cm H2O -DI at 22/07/21 13:56
I:E Ratio	1:2.00 -DI at 22/07/21 14:00	1:2.00 -DI at 22/07/21 13:59	1:2.00 -DI at 22/07/21 13:58	1:2.00 -DI at 22/07/21 13:57	1:2.00 -DI at 22/07/21 13:56
Vent Mode	Pressure controlled ventilation -DI at 22/07/21 14:00	Pressure controlled ventilation -DI at 22/07/21 13:59	Pressure controlled ventilation -DI at 22/07/21 13:58	Manual ventilation -DI at 22/07/21 13:57	Pressure controlled ventilation -DI at 22/07/21 13:56
Resp	12 -DI at 22/07/21 14:00	12 -DI at 22/07/21 13:59	12 -DI at 22/07/21 13:58	12 -DI at 22/07/21 13:57	12 -DI at 22/07/21 13:56
Pulse	91 -DI at 22/07/21 14:00	91 -DI at 22/07/21 13:59	135 -DI at 22/07/21 13:58	91 -DI at 22/07/21 13:57	88 -DI at 22/07/21 13:56
Arterial	(!) 217/217 -DI at 22/07/21 14:00	109/70 -DI at 22/07/21 13:59	114/71 -DI at 22/07/21 13:58	114/73 -DI at 22/07/21 13:57	119/72 -DI at 22/07/21 13:56
SpO2	99 % -DI at 22/07/21 14:00	91 % -DI at 22/07/21 13:59	99 % -DI at 22/07/21 13:58	100 % -DI at 22/07/21 13:57	98 % -DI at 22/07/21 13:56
MAC	0.9 -DI at 22/07/21 14:00	0.7 -DI at 22/07/21 13:59	0.5 -DI at 22/07/21 13:58	0.5 -DI at 22/07/21 13:57	0.5 -DI at 22/07/21 13:56
O2	1.1 L/min -DI at 22/07/21 14:00	1.1 L/min -DI at 22/07/21 13:59	1.2 L/min -DI at 22/07/21 13:58	0.3 L/min -DI at 22/07/21 13:57	0.3 L/min -DI at 22/07/21 13:56
Air	2.1 L/min -DI at 22/07/21 14:00	2.2 L/min -DI at 22/07/21 13:59	2.1 L/min -DI at 22/07/21 13:58	0.2 L/min -DI at 22/07/21 13:57	0.2 L/min -DI at 22/07/21 13:56
Inspired Sevoflurane	3.1 % -DI at 22/07/21 14:00	2.7 % -DI at 22/07/21 13:59	1.3 % -DI at 22/07/21 13:58	1.3 % -DI at 22/07/21 13:57	1.3 % -DI at 22/07/21 13:56
Expired Sevoflurane	1.8 % -DI at 22/07/21 14:00	1.5 % -DI at 22/07/21 13:59	1.1 % -DI at 22/07/21 13:58	1.1 % -DI at 22/07/21 13:57	1.1 % -DI at 22/07/21 13:56
Arterial MAP	217 -DI at 22/07/21 14:00	83 -DI at 22/07/21 13:59	88 -DI at 22/07/21 13:58	93 -DI at 22/07/21 13:57	88 -DI at 22/07/21 13:56
FiO2	45 % -DI at 22/07/21 14:00	48 % -DI at 22/07/21 13:59	45 % -DI at 22/07/21 13:58	45 % -DI at 22/07/21 13:57	44 % -DI at 22/07/21 13:56
ETCO2	5.3 kPa -DI at 22/07/21 14:00	5.2 kPa -DI at 22/07/21 13:59	4.9 kPa -DI at 22/07/21 13:58	4.8 kPa -DI at 22/07/21 13:57	4.8 kPa -DI at 22/07/21 13:56
<b>Row Name</b>	<b>22/07/21 13:55</b>	<b>22/07/21 13:54</b>	<b>22/07/21 13:53</b>	<b>22/07/21 13:52</b>	<b>22/07/21 13:51</b>
Tidal (Observed)	449 mL -DI at 22/07/21 13:55	435 mL -DI at 22/07/21 13:54	414 mL -DI at 22/07/21 13:53	428 mL -SC at 22/07/21 13:52	366 mL -SC at 22/07/21 13:51
PIP Observed	15 cm H2O -DI at 22/07/21 13:55	15 cm H2O -DI at 22/07/21 13:54	15 cm H2O -DI at 22/07/21 13:53	15 cm H2O -SC at 22/07/21 13:52	14 cm H2O -SC at 22/07/21 13:51
PEEP/CPAP	5 cm H2O -DI at 22/07/21 13:55	5 cm H2O -DI at 22/07/21 13:54	5 cm H2O -DI at 22/07/21 13:53	5 cm H2O -SC at 22/07/21 13:52	5 cm H2O -SC at 22/07/21 13:51
I:E Ratio	1:2.00 -DI at 22/07/21 13:55	1:2.00 -DI at 22/07/21 13:54	1:2.00 -DI at 22/07/21 13:53	1:2.00 -SC at 22/07/21 13:52	1:2.00 -SC at 22/07/21 13:51
Vent Mode	Pressure	Pressure	Pressure	Pressure	Pressure

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Anaesthesia on 22/07/21 (continued)**

	controlled ventilation -DI at 22/07/21 13:55	controlled ventilation -DI at 22/07/21 13:54	controlled ventilation -DI at 22/07/21 13:53	controlled ventilation -SC at 22/07/21 13:52	controlled ventilation -SC at 22/07/21 13:52
Resp	12 -DI at 22/07/21 13:55	12 -DI at 22/07/21 13:54	12 -DI at 22/07/21 13:53	12 -SC at 22/07/21 13:52	13 -SC at 22/07/21 13:52
Pulse	87 -DI at 22/07/21 13:55	88 -DI at 22/07/21 13:54	89 -DI at 22/07/21 13:53	87 -SC at 22/07/21 13:52	92 -SC at 22/07/21 13:52
Arterial	111/65 -DI at 22/07/21 13:55	101/59 -DI at 22/07/21 13:54	101/57 -DI at 22/07/21 13:53	101/54 -SC at 22/07/21 13:52	100/53 -SC at 22/07/21 13:52
SpO2	100 % -DI at 22/07/21 13:55	100 % -DI at 22/07/21 13:54	100 % -DI at 22/07/21 13:53	100 % -SC at 22/07/21 13:52	100 % -SC at 22/07/21 13:52
MAC	0.5 -DI at 22/07/21 13:55	0.5 -DI at 22/07/21 13:54	0.5 -DI at 22/07/21 13:53	0.5 -SC at 22/07/21 13:52	0.4 -SC at 22/07/21 13:52
O2	0.3 L/min -DI at 22/07/21 13:55	0.3 L/min -DI at 22/07/21 13:54	0.3 L/min -DI at 22/07/21 13:53	0.3 L/min -SC at 22/07/21 13:52	0.3 L/min -SC at 22/07/21 13:52
Air	0.2 L/min -DI at 22/07/21 13:55	0.2 L/min -DI at 22/07/21 13:54	0.2 L/min -DI at 22/07/21 13:53	0.2 L/min -SC at 22/07/21 13:52	0.2 L/min -SC at 22/07/21 13:52
Inspired Sevoflurane	1.4 % -DI at 22/07/21 13:55	1.5 % -DI at 22/07/21 13:54	1.4 % -DI at 22/07/21 13:53	1.3 % -SC at 22/07/21 13:52	1 % -SC at 22/07/21 13:52
Expired Sevoflurane	1.1 % -DI at 22/07/21 13:55	1.2 % -DI at 22/07/21 13:54	1.1 % -DI at 22/07/21 13:53	1 % -SC at 22/07/21 13:52	0.8 % -SC at 22/07/21 13:52
Arterial MAP	80 -DI at 22/07/21 13:55	72 -DI at 22/07/21 13:54	70 -DI at 22/07/21 13:53	68 -SC at 22/07/21 13:52	67 -SC at 22/07/21 13:52
FiO2	45 % -DI at 22/07/21 13:55	45 % -DI at 22/07/21 13:54	45 % -DI at 22/07/21 13:53	45 % -SC at 22/07/21 13:52	46 % -SC at 22/07/21 13:52
ETCO2	4.9 kPa -DI at 22/07/21 13:55	5.2 kPa -DI at 22/07/21 13:54	5.1 kPa -DI at 22/07/21 13:53	5.2 kPa -SC at 22/07/21 13:52	5.3 kPa -SC at 22/07/21 13:52
<b>Row Name</b>	<b>22/07/21 13:50</b>	<b>22/07/21 13:49</b>	<b>22/07/21 13:48</b>	<b>22/07/21 13:47</b>	<b>22/07/21 13:46</b>
Tidal (Observed)	426 mL -SC at 22/07/21 13:52	399 mL -SC at 22/07/21 13:52	397 mL -SC at 22/07/21 13:52	398 mL -SC at 22/07/21 13:52	403 mL -SC at 22/07/21 13:52
PIP Observed	14 cm H2O -SC at 22/07/21 13:52				
PEEP/CPAP	5 cm H2O -SC at 22/07/21 13:52				
I:E Ratio	1:2.00 -SC at 22/07/21 13:52				
Vent Mode	Pressure controlled ventilation -SC at 22/07/21 13:52				
Resp	12 -SC at 22/07/21 13:52				
Pulse	92 -SC at 22/07/21 13:52	93 -SC at 22/07/21 13:52	93 -SC at 22/07/21 13:52	94 -SC at 22/07/21 13:52	93 -SC at 22/07/21 13:52
Arterial	110/65 -SC at 22/07/21 13:52	105/61 -SC at 22/07/21 13:52	105/62 -SC at 22/07/21 13:52	105/63 -SC at 22/07/21 13:52	104/63 -SC at 22/07/21 13:52
SpO2	100 % -SC at 22/07/21 13:52				
MAC	0.4 -SC at 22/07/21 13:52				
O2	0.3 L/min -SC at 22/07/21 13:52				
Air	0.2 L/min -SC at 22/07/21 13:52				
Inspired Sevoflurane	1 % -SC at 22/07/21 13:52	0.9 % -SC at 22/07/21 13:52			
Expired Sevoflurane	0.8 % -SC at 22/07/21 13:52				
Arterial MAP	80 -SC at 22/07/21 13:52	76 -SC at 22/07/21 13:52	76 -SC at 22/07/21 13:52	77 -SC at 22/07/21 13:52	77 -SC at 22/07/21 13:52
FiO2	46 % -SC at 22/07/21 13:52	45 % -SC at 22/07/21 13:52			
ETCO2	5.3 kPa -SC at 22/07/21 13:52	5.1 kPa -SC at 22/07/21 13:52			
<b>Row Name</b>	<b>22/07/21 13:45</b>	<b>22/07/21 13:44</b>	<b>22/07/21 13:43</b>	<b>22/07/21 13:42</b>	<b>22/07/21 13:41</b>
Tidal (Observed)	390 mL -SC at 22/07/21 13:52	399 mL -SC at 22/07/21 13:52	406 mL -SC at 22/07/21 13:52	441 mL -SC at 22/07/21 13:52	452 mL -SC at 22/07/21 13:52
PIP Observed	14 cm H2O -SC at 22/07/21 13:52	14 cm H2O -SC at 22/07/21 13:52	14 cm H2O -SC at 22/07/21 13:52	15 cm H2O -SC at 22/07/21 13:52	15 cm H2O -SC at 22/07/21 13:52

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Anaesthesia on 22/07/21 (continued)**

PEEP/CPAP	5 cm H2O -SC at 22/07/21 13:52				
I:E Ratio	1:2.00 -SC at 22/07/21 13:52				
Vent Mode	Pressure controlled ventilation -SC at 22/07/21 13:52				
Resp	12 -SC at 22/07/21 13:52				
Pulse	93 -SC at 22/07/21 13:52	92 -SC at 22/07/21 13:52	92 -SC at 22/07/21 13:52	94 -SC at 22/07/21 13:52	94 -SC at 22/07/21 13:52
Arterial	105/63 -SC at 22/07/21 13:52	103/60 -SC at 22/07/21 13:52	92/52 -SC at 22/07/21 13:52	(!) 84/48 -SC at 22/07/21 13:52	(!) 84/48 -SC at 22/07/21 13:52
SpO2	100 % -SC at 22/07/21 13:52				
MAC	0.3 -SC at 22/07/21 13:52	0.4 -SC at 22/07/21 13:52			
O2	0.3 L/min -SC at 22/07/21 13:52	0.3 L/min -SC at 22/07/21 13:52	0.5 L/min -SC at 22/07/21 13:52	0.3 L/min -SC at 22/07/21 13:52	0.9 L/min -SC at 22/07/21 13:52
Air	0.2 L/min -SC at 22/07/21 13:52	0.2 L/min -SC at 22/07/21 13:52	0.7 L/min -SC at 22/07/21 13:52	0.5 L/min -SC at 22/07/21 13:52	2 L/min -SC at 22/07/21 13:52
Inspired Sevoflurane	0.9 % -SC at 22/07/21 13:52	0.9 % -SC at 22/07/21 13:52	0.9 % -SC at 22/07/21 13:52	1.2 % -SC at 22/07/21 13:52	0.7 % -SC at 22/07/21 13:52
Expired Sevoflurane	0.7 % -SC at 22/07/21 13:52	0.8 % -SC at 22/07/21 13:52	0.8 % -SC at 22/07/21 13:52	0.9 % -SC at 22/07/21 13:52	0.9 % -SC at 22/07/21 13:52
Arterial MAP	78 -SC at 22/07/21 13:52	74 -SC at 22/07/21 13:52	65 -SC at 22/07/21 13:52	63 -SC at 22/07/21 13:52	61 -SC at 22/07/21 13:52
FiO2	46 % -SC at 22/07/21 13:52	45 % -SC at 22/07/21 13:52	44 % -SC at 22/07/21 13:52	44 % -SC at 22/07/21 13:52	44 % -SC at 22/07/21 13:52
ETCO2	5.1 kPa -SC at 22/07/21 13:52	4.8 kPa -SC at 22/07/21 13:52	4.8 kPa -SC at 22/07/21 13:52	4.8 kPa -SC at 22/07/21 13:52	4.9 kPa -SC at 22/07/21 13:52
<b>Row Name</b>	<b>22/07/21 13:40</b>	<b>22/07/21 13:39</b>	<b>22/07/21 13:38</b>	<b>22/07/21 13:37</b>	<b>22/07/21 13:36</b>
Tidal (Observed)	447 mL -SC at 22/07/21 13:52	359 mL -SC at 22/07/21 13:52	364 mL -SC at 22/07/21 13:52	495 mL -SC at 22/07/21 13:52	495 mL -SC at 22/07/21 13:52
PIP Observed	15 cm H2O -SC at 22/07/21 13:52	13 cm H2O -SC at 22/07/21 13:52	14 cm H2O -SC at 22/07/21 13:52	15 cm H2O -SC at 22/07/21 13:52	15 cm H2O -SC at 22/07/21 13:52
PEEP/CPAP	5 cm H2O -SC at 22/07/21 13:52				
I:E Ratio	1:2.00 -SC at 22/07/21 13:52				
Vent Mode	Pressure controlled ventilation -SC at 22/07/21 13:52				
Resp	12 -SC at 22/07/21 13:52	12 -SC at 22/07/21 13:52	10 -SC at 22/07/21 13:52	10 -SC at 22/07/21 13:52	10 -SC at 22/07/21 13:52
Pulse	97 -SC at 22/07/21 13:52	93 -SC at 22/07/21 13:52			
Arterial	(!) 86/27 -SC at 22/07/21 13:52	(!) 86/52 -SC at 22/07/21 13:52	(!) 88/53 -SC at 22/07/21 13:52	97/43 -SC at 22/07/21 13:52	93/56 -SC at 22/07/21 13:52
SpO2	100 % -SC at 22/07/21 13:52	99 % -SC at 22/07/21 13:52	100 % -SC at 22/07/21 13:52	100 % -SC at 22/07/21 13:52	90 % -SC at 22/07/21 13:52
MAC	0.5 -SC at 22/07/21 13:52	0.6 -SC at 22/07/21 13:52	0.6 -SC at 22/07/21 13:52	0.6 -SC at 22/07/21 13:52	0.5 -SC at 22/07/21 13:52
O2	0.5 L/min -SC at 22/07/21 13:52	0.2 L/min -SC at 22/07/21 13:52	0.2 L/min -SC at 22/07/21 13:52	0.1 L/min -SC at 22/07/21 13:52	0.1 L/min -SC at 22/07/21 13:52
Air	1 L/min -SC at 22/07/21 13:52	0.3 L/min -SC at 22/07/21 13:52	0.4 L/min -SC at 22/07/21 13:52	0.4 L/min -SC at 22/07/21 13:52	1.8 L/min -SC at 22/07/21 13:52
Inspired Sevoflurane	1.1 % -SC at 22/07/21 13:52	1.7 % -SC at 22/07/21 13:52	1.6 % -SC at 22/07/21 13:52	1.9 % -SC at 22/07/21 13:52	1.8 % -SC at 22/07/21 13:52
Expired Sevoflurane	1.1 % -SC at 22/07/21 13:52	1.2 % -SC at 22/07/21 13:52	1.2 % -SC at 22/07/21 13:52	1.3 % -SC at 22/07/21 13:52	1.1 % -SC at 22/07/21 13:52
Arterial MAP	59 -SC at 22/07/21 13:52	64 -SC at 22/07/21 13:52	65 -SC at 22/07/21 13:52	70 -SC at 22/07/21 13:52	70 -SC at 22/07/21 13:52
FiO2	45 % -SC at 22/07/21 13:52	46 % -SC at 22/07/21 13:52	45 % -SC at 22/07/21 13:52	50 % -SC at 22/07/21 13:52	50 % -SC at 22/07/21 13:52
ETCO2	5.3 kPa -SC at 22/07/21 13:52	5.3 kPa -SC at 22/07/21 13:52	5.2 kPa -SC at 22/07/21 13:52	5.1 kPa -SC at 22/07/21 13:52	5.2 kPa -SC at 22/07/21 13:52

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Anaesthesia on 22/07/21 (continued)**

Row Name	22/07/21 13:35	22/07/21 13:34	22/07/21 13:33	22/07/21 13:32	22/07/21 13:31
Tidal (Observed)	616 mL -SC at 22/07/21 13:52	630 mL -SC at 22/07/21 13:52	718 mL -SC at 22/07/21 13:52	—	—
PIP Observed	17 cm H2O -SC at 22/07/21 13:52	17 cm H2O -SC at 22/07/21 13:52	20 cm H2O -SC at 22/07/21 13:52	0 cm H2O -SC at 22/07/21 13:52	0 cm H2O -SC at 22/07/21 13:52
PEEP/CPAP	5 cm H2O -SC at 22/07/21 13:52	5 cm H2O -SC at 22/07/21 13:52	5 cm H2O -SC at 22/07/21 13:52	5 cm H2O -SC at 22/07/21 13:52	5 cm H2O -SC at 22/07/21 13:52
I:E Ratio	1:2.00 -SC at 22/07/21 13:52	1:2.00 -SC at 22/07/21 13:52	1:2.00 -SC at 22/07/21 13:52	1:2.00 -SC at 22/07/21 13:52	1:2.00 -SC at 22/07/21 13:52
Vent Mode	Pressure controlled ventilation -SC at 22/07/21 13:52	Pressure controlled ventilation -SC at 22/07/21 13:52	Pressure controlled ventilation -SC at 22/07/21 13:52	Manual ventilation -SC at 22/07/21 13:52	Manual ventilation -SC at 22/07/21 13:52
Resp	10 -SC at 22/07/21 13:52	11 -SC at 22/07/21 13:52	(!) 1 -SC at 22/07/21 13:52	—	—
Pulse	93 -SC at 22/07/21 13:52	95 -SC at 22/07/21 13:52	97 -SC at 22/07/21 13:52	—	—
Arterial	93/56 -SC at 22/07/21 13:52	94/52 -SC at 22/07/21 13:52	113/69 -SC at 22/07/21 13:52	—	—
SpO2	99 % -SC at 22/07/21 13:52	—	100 % -SC at 22/07/21 13:52	—	—
MAC	0.5 -SC at 22/07/21 13:52	0.4 -SC at 22/07/21 13:52	0.3 -SC at 22/07/21 13:52	0.4 -SC at 22/07/21 13:52	0.4 -SC at 22/07/21 13:52
O2	0.2 L/min -SC at 22/07/21 13:52	0.1 L/min -SC at 22/07/21 13:52	1.9 L/min -SC at 22/07/21 13:52	0 L/min -SC at 22/07/21 13:52	0 L/min -SC at 22/07/21 13:52
Air	2.2 L/min -SC at 22/07/21 13:52	1.8 L/min -SC at 22/07/21 13:52	4.1 L/min -SC at 22/07/21 13:52	—	—
Inspired Sevoflurane	1.5 % -SC at 22/07/21 13:52	1.5 % -SC at 22/07/21 13:52	0.6 % -SC at 22/07/21 13:52	—	—
Expired Sevoflurane	1 % -SC at 22/07/21 13:52	0.8 % -SC at 22/07/21 13:52	0.6 % -SC at 22/07/21 13:52	—	—
Arterial MAP	68 -SC at 22/07/21 13:52	68 -SC at 22/07/21 13:52	83 -SC at 22/07/21 13:52	—	—
FiO2	49 % -SC at 22/07/21 13:52	94 % -SC at 22/07/21 13:52	48 % -SC at 22/07/21 13:52	47 % -SC at 22/07/21 13:52	47 % -SC at 22/07/21 13:52
ETCO2	5.1 kPa -SC at 22/07/21 13:52	5.5 kPa -SC at 22/07/21 13:52	(!) 0 kPa -SC at 22/07/21 13:52	(!) 0 kPa -SC at 22/07/21 13:52	(!) 0 kPa -SC at 22/07/21 13:52
Row Name	22/07/21 13:30	22/07/21 13:29	22/07/21 13:28	22/07/21 13:27	22/07/21 13:26
PIP Observed	0 cm H2O -SC at 22/07/21 13:52	0 cm H2O -SC at 22/07/21 13:52	0 cm H2O -SC at 22/07/21 13:52	0 cm H2O -SC at 22/07/21 13:52	0 cm H2O -SC at 22/07/21 13:52
PEEP/CPAP	5 cm H2O -SC at 22/07/21 13:52	5 cm H2O -SC at 22/07/21 13:52	5 cm H2O -SC at 22/07/21 13:52	5 cm H2O -SC at 22/07/21 13:52	5 cm H2O -SC at 22/07/21 13:52
I:E Ratio	1:2.00 -SC at 22/07/21 13:52	1:2.00 -SC at 22/07/21 13:52	1:2.00 -SC at 22/07/21 13:52	1:2.00 -SC at 22/07/21 13:52	1:2.00 -SC at 22/07/21 13:52
Vent Mode	Manual ventilation -SC at 22/07/21 13:52	Manual ventilation -SC at 22/07/21 13:52	Manual ventilation -SC at 22/07/21 13:52	Manual ventilation -SC at 22/07/21 13:52	Manual ventilation -SC at 22/07/21 13:52
MAC	0.4 -SC at 22/07/21 13:52	0.4 -SC at 22/07/21 13:52	0.4 -SC at 22/07/21 13:52	0.4 -SC at 22/07/21 13:52	0.4 -SC at 22/07/21 13:52
O2	0 L/min -SC at 22/07/21 13:52	0 L/min -SC at 22/07/21 13:52	0 L/min -SC at 22/07/21 13:52	0 L/min -SC at 22/07/21 13:52	0 L/min -SC at 22/07/21 13:52
FiO2	47 % -SC at 22/07/21 13:52	47 % -SC at 22/07/21 13:52	48 % -SC at 22/07/21 13:52	48 % -SC at 22/07/21 13:52	48 % -SC at 22/07/21 13:52
ETCO2	(!) 0 kPa -SC at 22/07/21 13:52	(!) 0 kPa -SC at 22/07/21 13:52	(!) 0 kPa -SC at 22/07/21 13:52	(!) 0 kPa -SC at 22/07/21 13:52	(!) 0 kPa -SC at 22/07/21 13:52
Row Name	22/07/21 13:25	22/07/21 13:24	22/07/21 13:23	22/07/21 13:22	
PIP Observed	0 cm H2O -SC at 22/07/21 13:52	0 cm H2O -SC at 22/07/21 13:52	0 cm H2O -SC at 22/07/21 13:52	0 cm H2O -SC at 22/07/21 13:52	
PEEP/CPAP	5 cm H2O -SC at 22/07/21 13:52	5 cm H2O -SC at 22/07/21 13:52	5 cm H2O -SC at 22/07/21 13:52	5 cm H2O -SC at 22/07/21 13:52	
I:E Ratio	1:2.00 -SC at 22/07/21 13:52	1:2.00 -SC at 22/07/21 13:52	1:2.00 -SC at 22/07/21 13:52	1:2.00 -SC at 22/07/21 13:52	
Vent Mode	Manual ventilation -SC at 22/07/21 13:52	Manual ventilation -SC at 22/07/21 13:52	Manual ventilation -SC at 22/07/21 13:52	Manual ventilation -SC at 22/07/21 13:52	
MAC	0.4 -SC at 22/07/21 13:52	0.4 -SC at 22/07/21 13:52	0.4 -SC at 22/07/21 13:52	0.4 -SC at 22/07/21 13:52	
O2	0 L/min -SC at 22/07/21 13:52	0 L/min -SC at 22/07/21 13:52	0 L/min -SC at 22/07/21 13:52	0 L/min -SC at 22/07/21 13:52	
FiO2	49 % -SC at 22/07/21 13:52	49 % -SC at 22/07/21 13:52	49 % -SC at 22/07/21 13:52	49 % -SC at 22/07/21 13:52	
ETCO2	(!) 0 kPa	(!) 0 kPa	(!) 0 kPa	(!) 0 kPa	

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Anaesthesia on 22/07/21 (continued)**

-SC at 22/07/21 13:52    -SC at 22/07/21 13:52    -SC at 22/07/21 13:52    -SC at 22/07/21 13:52

**Positioning**

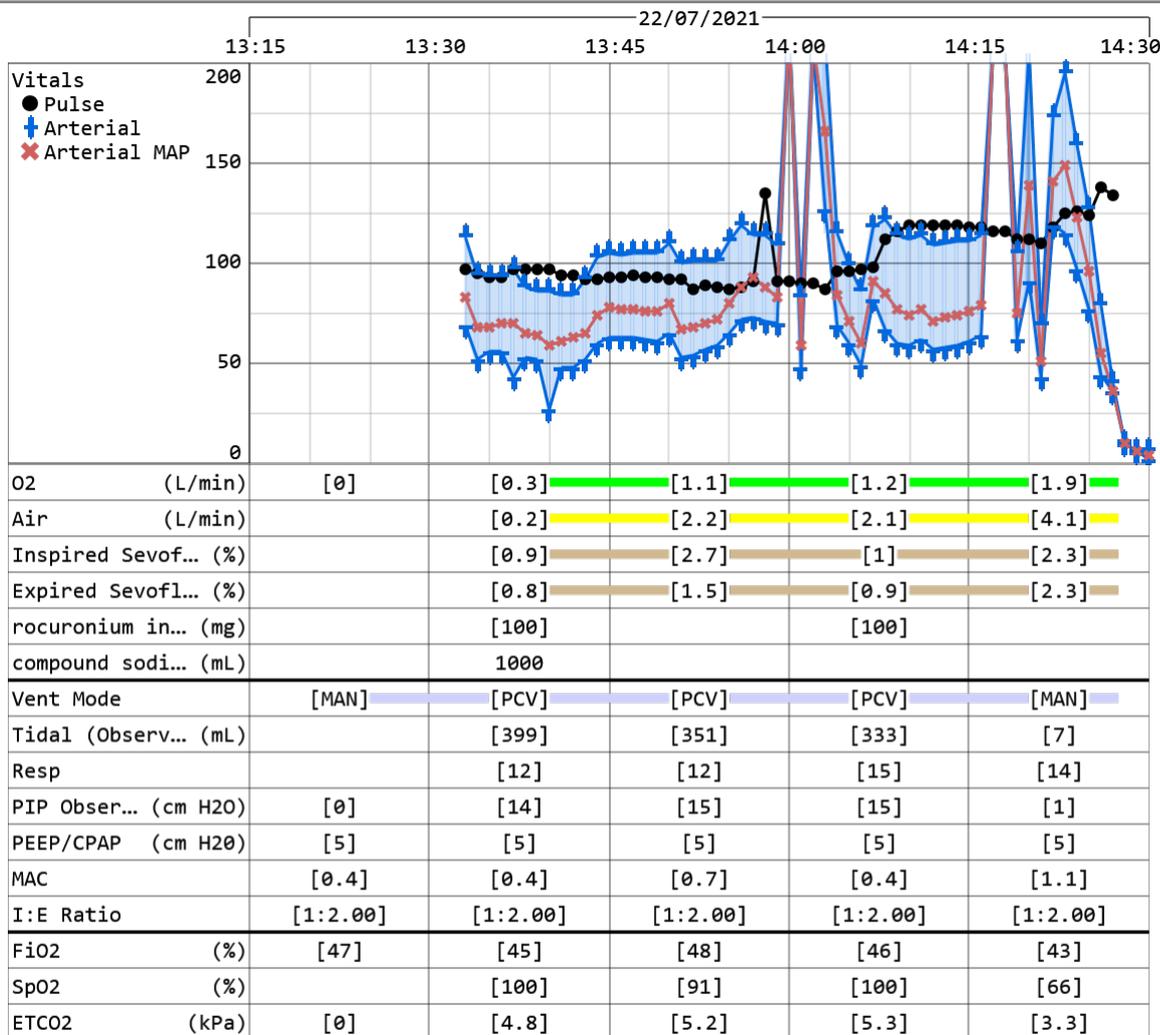
Row Name	22/07/21 13:52
Position	Supine -WM at 22/07/21 14:15

**User Key**

(r) = Recorded By, (t) = Taken By, (c) = Cosigned By

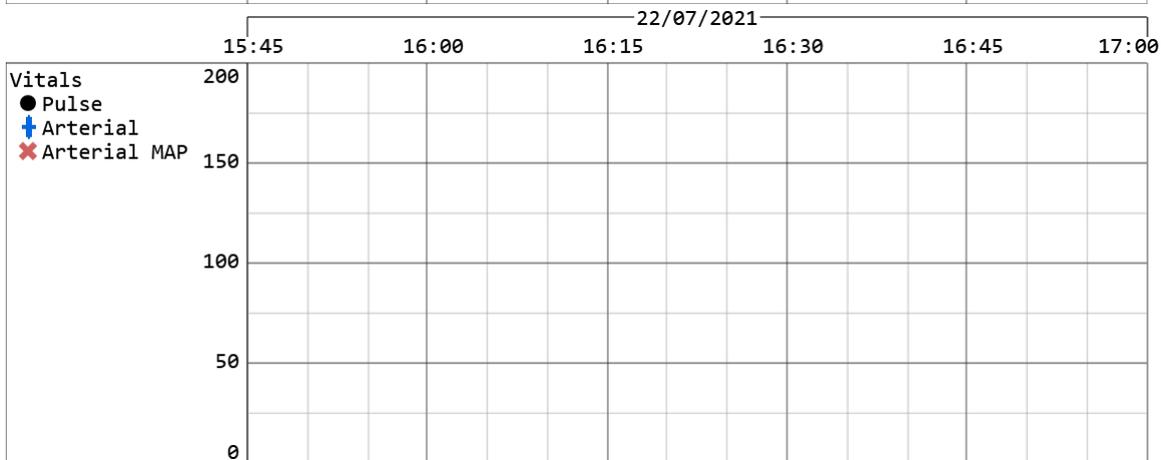
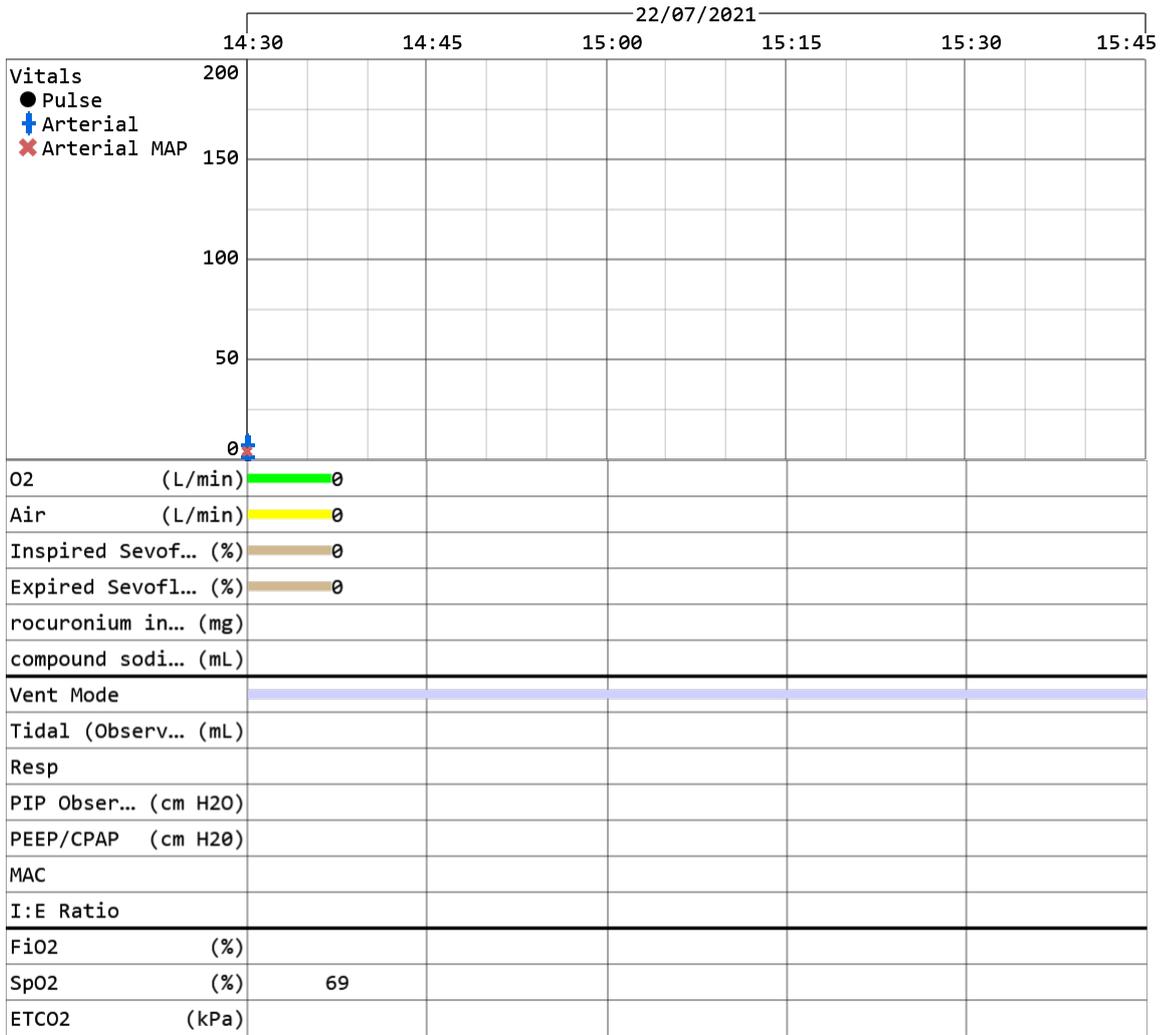
Initials	Name
SC	Sarah CIECHANOWICZ
WM	Wint MON
DI	Interface, Device Uchl2 In

**Anaesthesia Graph**



**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Anaesthesia on 22/07/21 (continued)**



**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Anaesthesia on 22/07/21 (continued)**

O2 (L/min)							
Air (L/min)							
Inspired Sevof... (%)							
Expired Sevofl... (%)							
rocuronium in... (mg)						200 mg	≈ 20 mL
compound sodi... (mL)						1000 mL	0 mL
Vent Mode	[Progress bar]						
Tidal (Observ... (mL)							
Resp							
PIP Obser... (cm H2O)							
PEEP/CPAP (cm H2O)							
MAC							
I:E Ratio							
FiO2 (%)							
SpO2 (%)							
ETCO2 (kPa)							

Net Volume: ≈ 20 mL

**Anaesthesia Orders**

**rocuronium injection (Discontinued)**

Electronically signed by: **Wint MON on 22/07/21 14:16** Status: **Discontinued**  
 Ordering user: Wint MON 22/07/21 14:16 Ordering clinician: Wint MON  
 Authorised by: Wint MON Ordering mode: Standard  
 Frequency: Routine PRN 22/07/21 13:42 - 22/07/21 16:05 Class: Normal  
 Discontinued by: Wint MON 22/07/21 16:05 [Anaesthesia Stop] Package: ROCURONIUM BROMIDE 50MG/5ML INJECTION (16586611000001108)

**compound sodium lactate (Hartmann's) infusion (by volume) (Discontinued)**

Electronically signed by: **Wint MON on 22/07/21 14:34** Status: **Discontinued**  
 Ordering user: Wint MON 22/07/21 14:34 Ordering clinician: Wint MON  
 Authorised by: Wint MON Ordering mode: Standard  
 Frequency: Routine PRN 22/07/21 13:33 - 22/07/21 16:05 Class: Normal  
 Discontinued by: Wint MON 22/07/21 16:05 [Anaesthesia Stop] Package: SODIUM LACTATE COMPOUND INTRAVENOUS INFUSION (4900711000001101)

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations**

**aciclovir 600 mg in sodium chloride 0.9% 250 mL infusion [131990297]**

Ordering Clinician: Simon Alexander Thomas WESTBY Status: Discontinued (Past End Date/Time)  
 Ordered On: 18/07/21 11:07 Starts/Ends: 18/07/21 14:00 - 18/07/21 11:32  
 Dose (Remaining/Total): 10 mg/kg (Order-Specific) (—/—) Route: Intravenous  
 Frequency: Every 8 hours scheduled Rate/Duration: 250 mL/hr / 60 Minutes

Question	Answer	Comment
Antiviral Indication::	Clinical Syndrome	—
Clinical Syndrome Indication::	Viral encephalitis	—

(No admins scheduled or recorded for this medication in the specified date/time range)

**aciclovir 600 mg in sodium chloride 0.9% 250 mL infusion [131990301]**

Ordering Clinician: Simon Alexander Thomas WESTBY Status: Discontinued (Past End Date/Time)  
 Ordered On: 18/07/21 11:32 Starts/Ends: 18/07/21 11:45 - 18/07/21 22:17  
 Dose (Remaining/Total): 10 mg/kg (Order-Specific) (—/—) Route: Intravenous  
 Frequency: Every 8 hours scheduled Rate/Duration: 250 mL/hr / 60 Minutes

Question	Answer	Comment
Antiviral Indication::	Clinical Syndrome	—
Clinical Syndrome Indication::	Viral encephalitis	—

Line	Med Link Info	Comment
Peripheral IV 18/07/21 Anterior;Distal;Right Forearm	18/07/21 11:38 by Marianne MCFADDEN, RN	—

Timestamps	Action / Reason	Dose / Rate / Duration	Route	Other Information
Performed 19/07/21 01:00 Documented: 19/07/21 01:09	Not Given Other	600 mg 250 mL/hr 60 Minutes	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN
Performed 18/07/21 15:49 Documented: 18/07/21 16:04	Incomplete	600 mg 250 mL/hr 60 Minutes	Intravenous	Performed by: Elizabeth MULDOON, RN
Performed 18/07/21 11:38 Documented: 18/07/21 11:52	Given	600 mg 250 mL/hr 60 Minutes	Intravenous	Performed by: Marianne MCFADDEN, RN Dual Signoff by: Chiara STERZA

**cefTRIAxone injection 2 g [131990294]**

Ordering Clinician: Simon Alexander Thomas WESTBY Status: Discontinued (Past End Date/Time)  
 Ordered On: 18/07/21 11:06 Starts/Ends: 18/07/21 18:00 - 18/07/21 11:32  
 Dose (Remaining/Total): 2 g (—/—) Route: Intravenous  
 Frequency: Every 12 hours scheduled Rate/Duration: — / —

Question	Answer	Comment
Indication by body system::	Central Nervous System	—
Central Nervous System Indication::	Meningitis	—

(No admins scheduled or recorded for this medication in the specified date/time range)

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

**cefTRIAxone injection 2 g [131990300]**

Ordering Clinician: Simon Alexander Thomas WESTBY Status: Discontinued (Past End Date/Time)  
 Ordered On: 18/07/21 11:32 Starts/Ends: 18/07/21 11:45 - 18/07/21 22:17  
 Dose (Remaining/Total): 2 g (—/—) Route: Intravenous  
 Frequency: Every 12 hours scheduled Rate/Duration: — / —

Question	Answer	Comment
Indication by body system::	Central Nervous System	—
Central Nervous System Indication::	Meningitis	—

Line	Med Link Info	Comment
Peripheral IV 18/07/21 Anterior;Distal;Right Forearm	18/07/21 11:52 by Marianne MCFADDEN, RN	—

Timestamps	Action	Dose	Route	Other Information
Performed 18/07/21 11:52	Given	2 g	Intravenous	Performed by: Marianne MCFADDEN, RN
Documented: 18/07/21 11:52				Dual Signoff by: Chiara STERZA

**compound sodium lactate (Hartmann's) infusion (by volume) 1,000 mL [131981630]**

Ordering Clinician: Zoe VEARY Status: Completed (Past End Date/Time)  
 Ordered On: 18/07/21 01:09 Starts/Ends: 18/07/21 01:10 - 18/07/21 01:30  
 Dose (Remaining/Total): 1,000 mL (0/1) Route: Intravenous  
 Frequency: Once only Rate/Duration: 2,000 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
Performed 18/07/21 01:00	Given	1,000 mL 2,000 mL/hr	Intravenous	Performed by: SEREDNURSE1012
Documented: 18/07/21 01:35		30 Minutes		Dual Signoff by: April WONG

**compound sodium lactate (Hartmann's) infusion (by volume) 1,000 mL [131981653]**

Ordering Clinician: Zoe VEARY Status: Completed (Past End Date/Time)  
 Ordered On: 18/07/21 02:16 Starts/Ends: 18/07/21 02:20 - 18/07/21 04:16  
 Dose (Remaining/Total): 1,000 mL (0/1) Route: Intravenous  
 Frequency: Once only Rate/Duration: 500 mL/hr / 2 Hours

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
Performed 18/07/21 02:16	Given	1,000 mL 500 mL/hr	Intravenous	Performed by: SEREDNURSE1012
Documented: 18/07/21 02:17		2 Hours		Dual Signoff by: April WONG

**compound sodium lactate (Hartmann's) infusion (by volume) 1,000 mL [131981660]**

Ordering Clinician: Conor FEELY Status: Completed (Past End Date/Time)  
 Ordered On: 18/07/21 04:04 Starts/Ends: 18/07/21 04:05 - 18/07/21 10:28  
 Dose (Remaining/Total): 1,000 mL (0/1) Route: Intravenous  
 Frequency: Once only Rate/Duration: 166.7 mL/hr / 6 Hours

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
Performed 18/07/21 04:28	Given	1,000 mL 166.7 mL/hr	Intravenous	Performed by: SEREDNURSE1063
Documented: 18/07/21 04:29		6 Hours		Dual Signoff by: Neliezza Jhean SY, RN

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

**compound sodium lactate (Hartmann's) infusion (by volume) 500 mL [132011845]**

Ordering Clinician: Livia GOTTARDI Status: Completed (Past End Date/Time)  
 Ordered On: 19/07/21 09:56 Starts/Ends: 19/07/21 10:00 - 19/07/21 12:49  
 Dose (Remaining/Total): 500 mL (0/1) Route: Intravenous  
 Frequency: Once only Rate/Duration: 250 mL/hr / 2 Hours

Line	Med Link Info	Comment
CVC Quadruple Lumen 18/07/21 Right Femoral (Medial 2)	19/07/21 10:49 by Darryl Ionee SANTOS	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
Performed 19/07/21 10:49	Given	500 mL 250 mL/hr	Intravenous	Performed by: Darryl Ionee SANTOS
Documented: 19/07/21 10:50		2 Hours		Dual Signoff by: Melania ABELENDIA CASTRO, RN

**compound sodium lactate (Hartmann's) infusion (by volume) 500 mL [132083698]**

Ordering Clinician: Livia GOTTARDI Status: Completed (Past End Date/Time)  
 Ordered On: 20/07/21 09:29 Starts/Ends: 20/07/21 09:30 - 20/07/21 12:29  
 Dose (Remaining/Total): 500 mL (0/1) Route: Intravenous  
 Frequency: Once only Rate/Duration: 250 mL/hr / 2 Hours

Line	Med Link Info	Comment
CVC Quadruple Lumen 18/07/21 Right Femoral (Medial 1)	20/07/21 10:29 by Camille Aura MANALANG	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
Performed 20/07/21 10:29	Given	500 mL 250 mL/hr	Intravenous	Performed by: Camille Aura MANALANG
Documented: 20/07/21 10:30		2 Hours		Dual Signoff by: Gwenyvere OTERO

**compound sodium lactate (Hartmann's) infusion [132005222]**

Ordering Clinician: Declan CRILLY Status: Discontinued (Past End Date/Time), Reason: Patient Discharge  
 Ordered On: 18/07/21 23:43 Starts/Ends: 18/07/21 23:45 - 23/07/21 05:55  
 Dose (Remaining/Total): 25 mL/hr (—/—) Route: Intravenous  
 Frequency: Continuous Rate/Duration: 25 mL/hr / —

Line	Med Link Info	Comment
CVC Quadruple Lumen 18/07/21 Right Femoral (Distal)	18/07/21 23:00 by Raquel Soraia CASTRO RIBEIRO, RN	—

Timestamps	Action	Dose / Rate	Route	Other Information
Performed 22/07/21 10:00	Rate/Dose Verify	25 mL/hr 25 mL/hr	Intravenous	Performed by: Zoie SIDAWAY
Documented: 22/07/21 11:09				
Performed 22/07/21 09:00	Rate/Dose Verify	25 mL/hr 25 mL/hr	Intravenous	Performed by: Zoie SIDAWAY
Documented: 22/07/21 09:19				
Performed 22/07/21 07:14	Rate/Dose Change	25 mL/hr 25 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Documented: 22/07/21 07:14				

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Performed 18/07/21 Restarted 100 mL/hr Intravenous Performed by: Raquel Soraia  
23:00 100 mL/hr CASTRO RIBEIRO, RN  
Documented:  
19/07/21 01:58

**desmopressin 0.4 micrograms in sodium chloride 0.9% 50 mL infusion [132145384]**

Ordering Clinician: Lydia WEISS Status: Completed (Past End Date/Time)  
Ordered On: 21/07/21 13:30 Starts/Ends: 21/07/21 10:45 - 21/07/21 11:05  
Dose (Remaining/Total): 0.4 micrograms (0/1) Route: Intravenous  
Frequency: Once only Rate/Duration: 150 mL/hr / 20 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
Performed 21/07/21 10:45	Given	0.4 micrograms 150 mL/hr	Intravenous	Performed by: Jaina MISTRY Dual Signoff by: Zoie SIDAWAY
Documented: 21/07/21 14:18		20 Minutes		Comments: verbal order given by dr

**desmopressin injection 0.4 micrograms [132083731]**

Ordering Clinician: Rebecca MCMILLAN Status: Discontinued (Past End Date/Time)  
Ordered On: 20/07/21 21:41 Starts/Ends: 20/07/21 21:45 - 20/07/21 22:17  
Dose (Remaining/Total): 0.4 micrograms (1/1) Route: Subcutaneous  
Frequency: Once only Rate/Duration: — / —

Timestamps	Action / Reason	Dose	Route	Other Information
Performed 20/07/21 22:19	Not Given See Doctor	0.4 micrograms	Subcutaneous	Performed by: Hannah NYBERG, RN
Documented: 20/07/21 22:20	Order			

**desmopressin injection 0.4 micrograms [132083736]**

Ordering Clinician: Rebecca MCMILLAN Status: Completed (Past End Date/Time)  
Ordered On: 20/07/21 22:17 Starts/Ends: 20/07/21 22:30 - 20/07/21 22:15  
Dose (Remaining/Total): 0.4 micrograms (0/1) Route: Intravenous  
Frequency: Once only Rate/Duration: — / —

Line	Med Link Info	Comment
Peripheral IV 18/07/21 Left;Anterior Forearm	20/07/21 22:15 by Hannah NYBERG, RN	—

Timestamps	Action	Dose	Route	Other Information
Performed 20/07/21 22:15	Given	0.4 micrograms	Intravenous	Performed by: Hannah NYBERG, RN
Documented: 20/07/21 22:31				Dual Signoff by: Dhanapackia RAJ, RN

**desmopressin injection 1 micrograms [132005241]**

Ordering Clinician: Alasdair SUMMERS Status: Discontinued (Past End Date/Time)  
Ordered On: 19/07/21 02:18 Starts/Ends: 19/07/21 02:30 - 19/07/21 02:20  
Dose (Remaining/Total): 1 micrograms (1/1) Route: Intravenous  
Frequency: Once only Rate/Duration: — / —

(No admins scheduled or recorded for this medication in the specified date/time range)

**desmopressin injection 1 micrograms [132005261]**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Ordering Clinician: Alasdair SUMMERS	Status: Completed (Past End Date/Time)
Ordered On: 19/07/21 07:23	Starts/Ends: 19/07/21 07:30 - 19/07/21 07:28
Dose (Remaining/Total): 1 micrograms (0/1)	Route: Intravenous
Frequency: Once only	Rate/Duration: — / —

Line	Med Link Info	Comment
CVC Quadruple Lumen 18/07/21 Right Femoral (Proximal)	19/07/21 07:28 by Raquel Soraia CASTRO RIBEIRO, RN	—

Timestamps	Action	Dose	Route	Other Information
Performed 19/07/21 07:28 Documented: 19/07/21 07:29	Given	1 micrograms	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN Dual Signoff by: Carla CABAL, RN

**desmopressin injection 1 micrograms [132072853]**

Ordering Clinician: Rebecca MCMILLAN	Status: Completed (Past End Date/Time)
Ordered On: 20/07/21 02:21	Starts/Ends: 20/07/21 02:30 - 20/07/21 02:22
Dose (Remaining/Total): 1 micrograms (0/1)	Route: Intravenous
Frequency: Once only	Rate/Duration: — / —

Line	Med Link Info	Comment
CVC Quadruple Lumen 18/07/21 Right Femoral (Distal)	20/07/21 02:22 by Hannah NYBERG, RN	—

Timestamps	Action	Dose	Route	Other Information
Performed 20/07/21 02:22 Documented: 20/07/21 02:28	Given	1 micrograms	Intravenous	Performed by: Hannah NYBERG, RN Dual Signoff by: Evangeline MEDINA, RN

**enoxaparin pre-filled syringe 40 mg [131997128]**

Ordering Clinician: Alasdair SUMMERS	Status: Discontinued (Past End Date/Time), Reason: Patient Discharge
Ordered On: 18/07/21 22:19	Starts/Ends: 18/07/21 22:30 - 23/07/21 05:55
Dose (Remaining/Total): 40 mg (—/—)	Route: Subcutaneous
Frequency: Every evening scheduled	Rate/Duration: — / —

Question	Answer	Comment
Indication::	VTE thromboprophylaxis	—
Duration of therapy::	admission	—

Timestamps	Action / Reason	Dose	Route / Site	Other Information
Performed 23/07/21 03:34 Documented: 23/07/21 03:34	MAR Unhold	—	—	Performed by: Automatic TRANSFER PROVIDER
Performed 22/07/21 18:00 Documented: 22/07/21 14:02	Dose Auto Held	—	—	Performed by: Automatic TRANSFER PROVIDER
Performed 22/07/21 14:02 Documented: 22/07/21 14:02	MAR Hold Patient not available	—	—	Performed by: Automatic TRANSFER PROVIDER

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Performed 21/07/21 19:01 Documented: 21/07/21 20:30	Given	40 mg	Subcutaneous Left Lower Abdomen	Performed by: Zoie SIDAWAY
Performed 20/07/21 20:03 Documented: 20/07/21 20:03	Given	40 mg	Subcutaneous Left Lower Abdomen	Performed by: Gwenvyvere OTERO
Performed 19/07/21 18:00 Documented: 19/07/21 18:41	Given	40 mg	Subcutaneous Right Lower Abdomen	Performed by: Darryl Ionee SANTOS
Performed 19/07/21 01:00 Documented: 19/07/21 06:07	Given	40 mg	Subcutaneous Left Lower Abdomen	Performed by: Raquel Soraia CASTRO RIBEIRO, RN Comments: Asked Dr Alastair and happy for it to be administrated

**fentaNYL 2500 micrograms/50mL (2.5mg/50mL) pre-filled syringe/vial [131997095]**

Ordering Clinician: Livia GOTTARDI  
Status: Discontinued (Past End Date/Time), Reason: Patient Discharge  
Ordered On: 18/07/21 18:23  
Starts/Ends: 18/07/21 18:30 - 23/07/21 05:55  
Dose (Remaining/Total): 0-480 micrograms/hr (—/—)  
Route: Intravenous  
Frequency: Titrated  
Rate/Duration: 0-9.6 mL/hr / —

Timestamps	Action / Reason	Dose / Rate	Route	Other Information
Performed 18/07/21 20:18 Documented: 18/07/21 20:19	Not Given Other	0 micrograms/hr 0 mL/hr	Intravenous	Performed by: Jeane NASCIMENTO, RN Comments: Double prescribed

**fentaNYL 2500 micrograms/50mL (2.5mg/50mL) pre-filled syringe/vial [131997103]**

Ordering Clinician: Livia GOTTARDI  
Status: Discontinued (Past End Date/Time), Reason: Patient Discharge  
Ordered On: 18/07/21 18:23  
Starts/Ends: 18/07/21 18:30 - 23/07/21 05:55  
Dose (Remaining/Total): 0-480 micrograms/hr (—/—)  
Route: Intravenous  
Frequency: Titrated  
Rate/Duration: 0-9.6 mL/hr / —

Line	Med Link Info	Comment
Peripheral IV 18/07/21 Anterior;Distal;Right Forearm	18/07/21 18:47 by Jeane NASCIMENTO, RN	—

Timestamps	Action	Dose / Rate	Route	Other Information
Performed 19/07/21 11:00 Documented: 19/07/21 11:08	Stopped	0 micrograms/hr 0 mL/hr	Intravenous	Performed by: Darryl Ionee SANTOS
Performed 19/07/21 06:00 Documented: 19/07/21 06:04	Rate/Dose Verify	50 micrograms/hr 1 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN
Performed 19/07/21 05:00 Documented: 19/07/21 05:06	Rate/Dose Change	50 micrograms/hr 1 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Performed 19/07/21 04:00 Documented: 19/07/21 04:07	Rate/Dose Verify	100 micrograms/hr 2 mL/hr	Intravenous	Performed by: Carla CABAL, RN
Performed 19/07/21 03:00 Documented: 19/07/21 04:07	Rate/Dose Verify	100 micrograms/hr 2 mL/hr	Intravenous	Performed by: Carla CABAL, RN
Performed 19/07/21 02:00 Documented: 19/07/21 02:01	Rate/Dose Verify	100 micrograms/hr 2 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN
Performed 19/07/21 01:00 Documented: 19/07/21 01:12	Rate/Dose Verify	100 micrograms/hr 2 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN
Performed 19/07/21 00:00 Documented: 19/07/21 00:38	Rate/Dose Verify	100 micrograms/hr 2 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN
Performed 18/07/21 23:00 Documented: 18/07/21 23:25	Rate/Dose Verify	100 micrograms/hr 2 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN
Performed 18/07/21 22:00 Documented: 18/07/21 23:25	Rate/Dose Verify	100 micrograms/hr 2 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN
Performed 18/07/21 21:00 Documented: 18/07/21 21:45	Rate/Dose Change	100 micrograms/hr 2 mL/hr	Intravenous	Performed by: Evangeline MEDINA, RN
Performed 18/07/21 18:47 Documented: 18/07/21 18:48	New Bag	50 micrograms/hr 1 mL/hr	Intravenous	Performed by: Jeane NASCIMENTO, RN Dual Signoff by: Marialuisa BAFUNNO

**glucagon injection 1 mg [132011856]**

Ordering Clinician: Livia GOTTARDI	Status: Discontinued (Past End Date/Time), Reason: Patient Discharge
Ordered On: 19/07/21 10:38	Starts/Ends: 19/07/21 10:37 - 23/07/21 05:55
Dose (Remaining/Total): 1 mg (1/1)	Route: Intramuscular
Frequency: Once only as needed	Rate/Duration: — / —
Admin Instructions: Second line if no IV access, CBG less than 4mmol/L and showing signs of severe hypoglycaemia. May also be given for moderate hypoglycaemia if NBM/unable to swallow	

Timestamps	Action / Reason	Dose / Rate / Duration	Route / Site / Linked Line	Other Information
Performed 23/07/21 03:34 Documented: 23/07/21 03:34	MAR Unhold	—	—	Performed by: Automatic TRANSFER PROVIDER

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Performed 22/07/21 14:02	MAR Hold	—	—	Performed by: Automatic TRANSFER PROVIDER
Documented: 22/07/21 14:02	Patient not available			

**glucose (GLUCOJUICE) oral liquid 60 mL [132011853]**

Ordering Clinician: Livia GOTTARDI	Status: Discontinued (Past End Date/Time), Reason: Patient Discharge
Ordered On: 19/07/21 10:38	Starts/Ends: 19/07/21 10:37 - 23/07/21 05:55
Dose (Remaining/Total): 60 mL (—/—)	Route: Oral
Frequency: Every 10 min PRN	Rate/Duration: — / —
Admin Instructions: Give if CBG less than 4mmol/L and showing signs of mild hypoglycaemia	One 60mL bottle = 15g glucose

Timestamps	Action / Reason	Dose / Rate / Duration	Route / Site / Linked Line	Other Information
Performed 23/07/21 03:34	MAR Unhold	—	—	Performed by: Automatic TRANSFER PROVIDER
Documented: 23/07/21 03:34				

Performed 22/07/21 14:02	MAR Hold	—	—	Performed by: Automatic TRANSFER PROVIDER
Documented: 22/07/21 14:02	Patient not available			

**glucose 10% infusion (by volume) 150-200 mL [132011857]**

Ordering Clinician: Livia GOTTARDI	Status: Discontinued (Past End Date/Time), Reason: Patient Discharge
Ordered On: 19/07/21 10:38	Starts/Ends: 19/07/21 10:37 - 23/07/21 05:55
Dose (Remaining/Total): 150-200 mL (—/—)	Route: Intravenous
Frequency: As needed	Rate/Duration: 600-1,200 mL/hr / 10-15 Minutes
Admin Instructions: Consider giving after administration of glucose 20%/glucagon. Give at 100mL/hour until blood glucose stable or if patient remains NBM	

Timestamps	Action / Reason	Dose / Rate / Duration	Route / Site / Linked Line	Other Information
Performed 23/07/21 03:34	MAR Unhold	—	—	Performed by: Automatic TRANSFER PROVIDER
Documented: 23/07/21 03:34				

Performed 22/07/21 14:02	MAR Hold	—	—	Performed by: Automatic TRANSFER PROVIDER
Documented: 22/07/21 14:02	Patient not available			

**glucose 20% infusion (by volume) 75-100 mL [132011855]**

Ordering Clinician: Livia GOTTARDI	Status: Discontinued (Past End Date/Time), Reason: Patient Discharge
Ordered On: 19/07/21 10:38	Starts/Ends: 19/07/21 10:37 - 23/07/21 05:55
Dose (Remaining/Total): 75-100 mL (—/—)	Route: Intravenous
Frequency: As needed	Rate/Duration: 300-600 mL/hr / 10-15 Minutes
Admin Instructions: First line if CBG less than 4mmol/L and showing signs of severe hypoglycaemia. Give for mild/moderate hypoglycaemia if NBM/unable to swallow. CAUTION PHLEBITIS RISK - always flush immediately after administration with sodium chloride 0.9%. Give via central line if available	

Timestamps	Action / Reason	Dose / Rate / Duration	Route / Site / Linked Line	Other Information
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Performed 23/07/21 03:34 MAR Unhold — — Performed by: Automatic TRANSFER PROVIDER  
Documented: 23/07/21 03:34

Performed 22/07/21 14:02 MAR Hold — — Performed by: Automatic TRANSFER PROVIDER  
Patient not available  
Documented: 22/07/21 14:02

**glucose 40% oral gel 1-2 Tube [132011854]**

Ordering Clinician: Livia GOTTARDI Status: Discontinued (Past End Date/Time), Reason: Patient Discharge  
Ordered On: 19/07/21 10:38 Starts/Ends: 19/07/21 10:37 - 23/07/21 05:55  
Dose (Remaining/Total): 1-2 Tube (—/—) Route: Oromucosal  
Frequency: Every 10 min PRN Rate/Duration: — / —  
Admin Instructions: One 25g tube contains 10g glucose. Give 1-2 Gently massage into the inside cheek to aid absorption  
tubes if CBG less than 4 mmol/L and showing signs of moderate hypoglycaemia

Timestamps	Action / Reason	Dose / Rate / Duration	Route / Site / Linked Line	Other Information
Performed 23/07/21 03:34 Documented: 23/07/21 03:34	MAR Unhold	—	—	Performed by: Automatic TRANSFER PROVIDER
Performed 22/07/21 14:02 Documented: 22/07/21 14:02	MAR Hold Patient not available	—	—	Performed by: Automatic TRANSFER PROVIDER

**glucose 5% infusion [132005256]**

Ordering Clinician: Alasdair SUMMERS Status: Discontinued (Past End Date/Time)  
Ordered On: 19/07/21 06:55 Starts/Ends: 19/07/21 07:00 - 22/07/21 06:56  
Dose (Remaining/Total): 100 mL/hr (—/—) Route: Intravenous  
Frequency: Continuous Rate/Duration: 100 mL/hr / —

Line	Med Link Info	Comment
CVC Quadruple Lumen 18/07/21 Right Femoral (Distal)	19/07/21 07:31 by Raquel Soraia CASTRO RIBEIRO, RN	—

Timestamps	Action	Dose / Rate	Route	Other Information
Performed 22/07/21 03:45 Documented: 22/07/21 04:03	Cancelled Entry	—	Intravenous	Performed by: Hannah NYBERG, RN
Performed 21/07/21 12:08 Documented: 21/07/21 14:03	Cancelled Entry	—	Intravenous	Performed by: Zoie SIDAWAY
Performed 21/07/21 12:00 Documented: 21/07/21 12:04	Rate/Dose Verify	125 mL/hr 125 mL/hr	Intravenous	Performed by: Zoie SIDAWAY

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Performed 21/07/21 11:00 Documented: 21/07/21 11:26	Rate/Dose Verify	125 mL/hr 125 mL/hr	Intravenous	Performed by: Zoie SIDAWAY
Performed 21/07/21 10:00 Documented: 21/07/21 10:12	Rate/Dose Verify	125 mL/hr 125 mL/hr	Intravenous	Performed by: Jaina MISTRY
Performed 21/07/21 09:00 Documented: 21/07/21 09:31	Rate/Dose Change	125 mL/hr 125 mL/hr	Intravenous	Performed by: Zoie SIDAWAY
Performed 21/07/21 02:22 Documented: 21/07/21 02:23	New Bag	100 mL/hr 100 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN Dual Signoff by: Dhanapackia RAJ, RN
Performed 21/07/21 02:00 Documented: 21/07/21 02:06	Rate/Dose Verify	125 mL/hr 125 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 21/07/21 01:00 Documented: 21/07/21 01:08	Rate/Dose Verify	125 mL/hr 125 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 21/07/21 00:00 Documented: 21/07/21 00:00	Rate/Dose Change	125 mL/hr 125 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 20/07/21 23:00 Documented: 20/07/21 23:04	Rate/Dose Verify	100 mL/hr 100 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 20/07/21 22:00 Documented: 20/07/21 22:22	Rate/Dose Verify	100 mL/hr 100 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 20/07/21 21:00 Documented: 20/07/21 21:13	Rate/Dose Verify	100 mL/hr 100 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 20/07/21 20:00 Documented: 20/07/21 20:04	Rate/Dose Verify	100 mL/hr 100 mL/hr	Intravenous	Performed by: Gwenyvere OTERO
Performed 20/07/21 15:00 Documented: 20/07/21 15:49	Rate/Dose Verify	100 mL/hr 100 mL/hr	Intravenous	Performed by: Camille Aura MANALANG
Performed 20/07/21 14:00 Documented: 20/07/21 14:27	Rate/Dose Verify	100 mL/hr 100 mL/hr	Intravenous	Performed by: Camille Aura MANALANG

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Performed 20/07/21 13:00 Documented: 20/07/21 13:16	Rate/Dose Verify	100 mL/hr 100 mL/hr	Intravenous	Performed by: Camille Aura MANALANG
Performed 20/07/21 12:00 Documented: 20/07/21 12:08	Rate/Dose Verify	100 mL/hr 100 mL/hr	Intravenous	Performed by: Gwentyvere OTERO
Performed 20/07/21 11:00 Documented: 20/07/21 11:10	Rate/Dose Verify	100 mL/hr 100 mL/hr	Intravenous	Performed by: Gwentyvere OTERO
Performed 20/07/21 10:00 Documented: 20/07/21 10:18	Rate/Dose Verify	100 mL/hr 100 mL/hr	Intravenous	Performed by: Camille Aura MANALANG
Performed 20/07/21 09:00 Documented: 20/07/21 09:51	Rate/Dose Verify	100 mL/hr 100 mL/hr	Intravenous	Performed by: Camille Aura MANALANG
Performed 20/07/21 08:00 Documented: 20/07/21 08:08	Rate/Dose Verify	100 mL/hr 100 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 20/07/21 07:00 Documented: 20/07/21 07:10	Rate/Dose Verify	100 mL/hr 100 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 20/07/21 06:00 Documented: 20/07/21 06:08	Rate/Dose Verify	100 mL/hr 100 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 20/07/21 05:18 Documented: 20/07/21 05:18	New Bag	100 mL/hr 100 mL/hr	Intravenous	Performed by: Ralph Angelo SINSON Dual Signoff by: Hannah NYBERG, RN
Performed 20/07/21 05:00 Documented: 20/07/21 05:02	Rate/Dose Verify	100 mL/hr 100 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 20/07/21 04:00 Documented: 20/07/21 04:12	Rate/Dose Verify	100 mL/hr 100 mL/hr	Intravenous	Performed by: Evangeline MEDINA, RN
Performed 20/07/21 03:00 Documented: 20/07/21 04:12	Rate/Dose Verify	100 mL/hr 100 mL/hr	Intravenous	Performed by: Evangeline MEDINA, RN
Performed 20/07/21 02:00 Documented: 20/07/21 04:12	Rate/Dose Verify	100 mL/hr 100 mL/hr	Intravenous	Performed by: Evangeline MEDINA, RN

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Performed 19/07/21 07:31 Documented: 19/07/21 07:31	New Bag 100 mL/hr 100 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN Dual Signoff by: Carla CABAL, RN
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**glucose tablet 3-5 tablet [132011852]**

Ordering Clinician: Livia GOTTARDI	Status: Discontinued (Past End Date/Time), Reason: Patient Discharge
Ordered On: 19/07/21 10:38	Starts/Ends: 19/07/21 10:37 - 23/07/21 05:55
Dose (Remaining/Total): 3-5 tablet (—/—)	Route: Oral
Frequency: Every 10 min PRN	Rate/Duration: — / —
Admin Instructions: Give if CBG less than 4mmol/L and showing signs of mild hypoglycaemia	1 tablet = 4g glucose

Timestamps	Action / Reason	Dose / Rate / Duration	Route / Site / Linked Line	Other Information
Performed 23/07/21 03:34 Documented: 23/07/21 03:34	MAR Unhold	—	—	Performed by: Automatic TRANSFER PROVIDER
Performed 22/07/21 14:02 Documented: 22/07/21 14:02	MAR Hold Patient not available	—	—	Performed by: Automatic TRANSFER PROVIDER

**ibuprofen tablet 600 mg [131990321]**

Ordering Clinician: Thomas SAMUELS	Status: Discontinued (Past End Date/Time)
Ordered On: 18/07/21 14:55	Starts/Ends: 18/07/21 15:00 - 18/07/21 22:10
Dose (Remaining/Total): 600 mg (1/1)	Route: Oral
Frequency: Once only	Rate/Duration: — / —

Timestamps	Action / Reason	Dose	Route	Other Information
Performed 18/07/21 15:05 Documented: 18/07/21 15:12	Not Given Clinical reason - specify below:	600 mg	Oral	Performed by: Marianne MCFADDEN, RN Comments: Unsafe swallow at present.

**insulin short acting (ACTRAPID) 50 Units in sodium chloride 0.9% 50 mL infusion [132011858]**

Ordering Clinician: Livia GOTTARDI	Status: Discontinued (Past End Date/Time), Reason: Patient Discharge
Ordered On: 19/07/21 10:38	Starts/Ends: 19/07/21 10:45 - 23/07/21 05:55
Dose (Remaining/Total): 0-10 Units/hr (—/—)	Route: Intravenous
Frequency: Titrated	Rate/Duration: 0-10 mL/hr / —

Question	Answer	Comment
Blood glucose 0 - 3.5:	Stop, call doctor and re-check in 20 mins	—
Blood glucose 3.6 - 4:	infuse at 0.5 mL/hr	—
Blood glucose 4.1 - 7:	infuse at 1 mL/hr	—
Blood glucose 7.1 - 10:	infuse at 2 mL/hr	—
Blood glucose 10.1 - 14:	infuse at 3 mL/hr	—
Blood glucose 14.1 - 19:	infuse at 4 mL/hr	—
Blood glucose 19.1 - 28:	infuse at 6 mL/hr	—
Blood glucose 28.1 or above:	infuse at 7 mL/hr and call doctor	—

Line	Med Link Info	Comment
Peripheral IV 18/07/21 Left Antecubital	19/07/21 12:00 by Darryl lonee SANTOS	—
CVC Quadruple Lumen 18/07/21 Right	22/07/21 07:21 by Hannah NYBERG,	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Femoral (Medial 2)		RN		
Timestamps	Action	Dose / Rate	Route	Other Information
Performed 22/07/21 11:00 Documented: 22/07/21 11:09	Stopped	0 Units/hr 0 mL/hr	Intravenous	Performed by: Zoie SIDAWAY
Performed 22/07/21 09:00 Documented: 22/07/21 09:19	Rate/Dose Change	4 Units/hr 4 mL/hr	Intravenous	Performed by: Zoie SIDAWAY
Performed 22/07/21 08:00 Documented: 22/07/21 08:00	Rate/Dose Change	3 Units/hr 3 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 22/07/21 07:21 Documented: 22/07/21 07:39	New Bag	—	Intravenous	Performed by: Hannah NYBERG, RN Dual Signoff by: Filsan MOALIN, RN
Performed 19/07/21 12:00 Documented: 19/07/21 13:07	New Bag	1 Units/hr 1 mL/hr	Intravenous	Performed by: Darryl Ionee SANTOS Dual Signoff by: Melania ABELENDIA CASTRO, RN

**lansoprazole gastro-resistant capsule 30 mg [132011850]**

Ordering Clinician: Livia GOTTARDI

Status: Discontinued (Past End Date/Time), Reason: Patient Discharge

Ordered On: 19/07/21 10:38

Starts/Ends: 19/07/21 10:45 - 23/07/21 05:55

Dose (Remaining/Total): 30 mg (—/—)

Route: Oral

Frequency: Daily scheduled

Rate/Duration: — / —

Admin Instructions: Do not crush or chew.

Timestamps	Action / Reason	Dose	Route	Other Information
Performed 23/07/21 03:34 Documented: 23/07/21 03:34	MAR Unhold	—	—	Performed by: Automatic TRANSFER PROVIDER
Performed 22/07/21 14:02 Documented: 22/07/21 14:02	MAR Hold Patient not available	—	—	Performed by: Automatic TRANSFER PROVIDER
Performed 22/07/21 06:31 Documented: 22/07/21 06:31	Given	30 mg	Oral	Performed by: Hannah NYBERG, RN
Performed 21/07/21 06:07 Documented: 21/07/21 06:07	Given	30 mg	Oral	Performed by: Hannah NYBERG, RN
Performed 20/07/21 06:16 Documented: 20/07/21 06:16	Withheld Other	0 mg	Oral	Performed by: Hannah NYBERG, RN Comments: not to be crushed or chewed, only route available is enteral. To notify doctor

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Performed 19/07/21 12:00 Documented: 19/07/21 13:18	Withheld Other	0 mg	Oral	Performed by: Darryl Ionee SANTOS Comments: awaiting ng position confirmation
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**magnesium glycerophosphate chewable tablet 4 mmol [131997100]**

Ordering Clinician: Livia GOTTARDI	Status: Discontinued (Past End Date/Time), Reason: Patient Discharge
Ordered On: 18/07/21 18:23	Starts/Ends: 18/07/21 18:23 - 23/07/21 05:55
Dose (Remaining/Total): 4 mmol (—/—)	Route: Oral
Frequency: 3 times daily PRN	Rate/Duration: — / —
Admin Instructions: If Serum Magnesium levels are:	
A. >0.65	No treatment required.
	B. 0.5-0.65:
If oral/enteral route is available, administer oral magnesium glycerophosphate 4mmol TDS PRN.	If patient is NBM, administer IV magnesium sulfate 2.5g in NaCl 0.9% 250ml infusion.
	C. < 0.5 without cardiac arrhythmias
Administer IV magnesium sulfate 2.5g in NaCl 0.9% 250ml infusion.	
D. < 0.5 with cardiac arrhythmias	Administer IV magnesium sulfate 5g in NaCl 0.9% 250ml infusion.

Timestamps	Action / Reason	Dose / Rate / Duration	Route / Site / Linked Line	Other Information
Performed 23/07/21 03:34 Documented: 23/07/21 03:34	MAR Unhold	—	—	Performed by: Automatic TRANSFER PROVIDER
Performed 22/07/21 14:02 Documented: 22/07/21 14:02	MAR Hold Patient not available	—	—	Performed by: Automatic TRANSFER PROVIDER
Performed 22/07/21 00:35 Documented: 22/07/21 00:47	See Alternative	—	—	Performed by: Hannah NYBERG, RN Dual Signoff by: Filsan MOALIN, RN
Performed 21/07/21 06:45 Documented: 21/07/21 06:50	See Alternative	—	—	Performed by: Hannah NYBERG, RN Dual Signoff by: Marife TALORETE
Performed 18/07/21 18:49 Documented: 18/07/21 18:50	See Alternative	—	—	Performed by: Jeane NASCIMENTO, RN Dual Signoff by: Marialuisa BAFUNNO

**magnesium sulfate 2.5 g in sodium chloride 0.9% 250 mL infusion [131997101]**

Ordering Clinician: Livia GOTTARDI	Status: Discontinued (Past End Date/Time), Reason: Patient Discharge
Ordered On: 18/07/21 18:23	Starts/Ends: 18/07/21 18:23 - 23/07/21 05:55
Dose (Remaining/Total): 2.5 g (—/—)	Route: Intravenous
Frequency: As needed	Rate/Duration: 250 mL/hr / 60 Minutes
Admin Instructions: If Serum Magnesium levels are:	
A. >0.65	No treatment required.
	B. 0.5-0.65:
If oral/enteral route is available, administer oral magnesium glycerophosphate 4mmol TDS PRN.	If patient is NBM, administer IV magnesium sulfate 2.5g in NaCl 0.9% 250ml infusion.
	C. < 0.5 without cardiac arrhythmias

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Administer IV magnesium sulfate 2.5g in NaCl 0.9% 250ml infusion.

D. < 0.5 with cardiac arrhythmias

Administer IV magnesium sulfate 5g in NaCl 0.9% 250ml infusion.

Timestamps	Action / Reason	Dose / Rate / Duration	Route / Site / Linked Line	Other Information
Performed 23/07/21 03:34 Documented: 23/07/21 03:34	MAR Unhold	—	—	Performed by: Automatic TRANSFER PROVIDER
Performed 22/07/21 14:02 Documented: 22/07/21 14:02	MAR Hold Patient not available	—	—	Performed by: Automatic TRANSFER PROVIDER
Performed 22/07/21 00:35 Documented: 22/07/21 00:47	See Alternative	—	—	Performed by: Hannah NYBERG, RN Dual Signoff by: Filsan MOALIN, RN
Performed 21/07/21 06:45 Documented: 21/07/21 06:50	See Alternative	—	—	Performed by: Hannah NYBERG, RN Dual Signoff by: Marife TALORETE
Performed 18/07/21 18:49 Documented: 18/07/21 18:50	See Alternative	—	—	Performed by: Jeane NASCIMENTO, RN Dual Signoff by: Marialuisa BAFUNNO

**magnesium sulfate 5 g in sodium chloride 0.9% 250 mL infusion [131997090]**

Ordering Clinician: Stephen HARRIS  
Ordered On: 18/07/21 16:10  
Dose (Remaining/Total): 5 g (0/1)  
Frequency: Once only

Status: Completed (Past End Date/Time)  
Starts/Ends: 18/07/21 16:15 - 18/07/21 17:11  
Route: Intravenous  
Rate/Duration: — / 60 Minutes

Timestamps	Action	Dose / Duration	Route	Other Information
Performed 18/07/21 16:11 Documented: 18/07/21 16:12	Given	5 g 60 Minutes	Intravenous	Performed by: Christina PAPAGEORGIOU, RN Dual Signoff by: Sylvester ODAME-AMOABENG, RN

**magnesium sulfate 5 g in sodium chloride 0.9% 250 mL infusion [131997102]**

Ordering Clinician: Livia GOTTARDI

Ordered On: 18/07/21 18:23  
Dose (Remaining/Total): 5 g (—/—)  
Frequency: As needed

Admin Instructions: If Serum Magnesium levels are:  
A. >0.65

If oral/enteral route is available, administer oral magnesium glycerophosphate 4mmol TDS PRN.

Administer IV magnesium sulfate 2.5g in NaCl 0.9% 250ml infusion.

D. < 0.5 with cardiac arrhythmias

Status: Discontinued (Past End Date/Time), Reason: Patient Discharge

Starts/Ends: 18/07/21 18:23 - 23/07/21 05:55  
Route: Intravenous  
Rate/Duration: 250 mL/hr / 60 Minutes

No treatment required.

B. 0.5-0.65:

If patient is NBM, administer IV magnesium sulfate 2.5g in NaCl 0.9% 250ml infusion.

C. < 0.5 without cardiac arrhythmias

Administer IV magnesium sulfate 5g in NaCl 0.9% 250ml infusion.

Line	Med Link Info	Comment
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Peripheral IV 18/07/21 Anterior;Distal;Right Forearm	18/07/21 18:49 by Jeane NASCIMENTO, RN	—
CVC Quadruple Lumen 18/07/21 Right Femoral (Distal)	21/07/21 06:45 by Hannah NYBERG, RN	—

Timestamps	Action / Reason	Dose / Rate / Duration	Route	Other Information
Performed 23/07/21 03:34 Documented: 23/07/21 03:34	MAR Unhold	—	—	Performed by: Automatic TRANSFER PROVIDER
Performed 22/07/21 14:02 Documented: 22/07/21 14:02	MAR Hold Patient not available	—	—	Performed by: Automatic TRANSFER PROVIDER
Performed 22/07/21 00:35 Documented: 22/07/21 00:47	Given	5 g 250 mL/hr 60 Minutes	Intravenous	Performed by: Hannah NYBERG, RN Dual Signoff by: Filsan MOALIN, RN
Performed 21/07/21 06:45 Documented: 21/07/21 06:50	Given	5 g 100 mL/hr 60 Minutes	Intravenous	Performed by: Hannah NYBERG, RN Dual Signoff by: Marife TALORETE Comments: in glucose 5%
Performed 18/07/21 18:49 Documented: 18/07/21 18:50	Given	5 g 250 mL/hr 60 Minutes	Intravenous	Performed by: Jeane NASCIMENTO, RN Dual Signoff by: Marialuisa BAFUNNO

**mannitol 10 % infusion [131997108]**

Ordering Clinician: Livia GOTTARDI	Status: Discontinued (Past End Date/Time)
Ordered On: 18/07/21 19:12	Starts/Ends: 18/07/21 19:15 - 18/07/21 19:20
Dose (Remaining/Total): 1 g/kg (1/1)	Route: Intravenous
Frequency: Once only	Rate/Duration: 1,100 mL/hr / 30 Minutes

Timestamps	Action / Reason	Dose / Rate / Duration	Route	Other Information
Performed 18/07/21 20:20 Documented: 18/07/21 20:20	Not Given Other	55 g 1,100 mL/hr 30 Minutes	Intravenous	Performed by: Jeane NASCIMENTO, RN Comments: Double prescribed

**mannitol 15% infusion 45 g [131997113]**

Ordering Clinician: Livia GOTTARDI	Status: Completed (Past End Date/Time)
Ordered On: 18/07/21 19:20	Starts/Ends: 18/07/21 19:30 - 18/07/21 20:49
Dose (Remaining/Total): 300 mL (0/1)	Route: Intravenous
Frequency: Once only	Rate/Duration: 600 mL/hr / 30 Minutes
Admin Instructions: Use in line filter. Flush with glucose (risk of precipitation with sodium chloride)	

Line	Med Link Info	Comment
Peripheral IV 18/07/21 Anterior;Distal;Right Forearm	18/07/21 20:19 by Jeane NASCIMENTO, RN	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Performed 18/07/21 Given 20:19	45 g 600 mL/hr	Intravenous	Performed by: Jeane NASCIMENTO, RN
Documented: 18/07/21 20:19	30 Minutes		Dual Signoff by: Necheal ROMEO, RN

**methyIPREDNISolone sodium succinate (SOLU-Medrone) 825 mg in sodium chloride 0.9% 100 mL infusion [132209401]**

Ordering Clinician: Declan CRILLY	Status: Discontinued (Past End Date/Time)
Ordered On: 21/07/21 22:07	Starts/Ends: 21/07/21 22:15 - 22/07/21 10:08
Dose (Remaining/Total): 825 mg (—/—)	Route: Intravenous
Frequency: Every 12 hours	Rate/Duration: 200 mL/hr / 30 Minutes

Line	Med Link Info	Comment
CVC Quadruple Lumen 18/07/21 Right Femoral (Medial 2)	21/07/21 23:47 by Hannah NYBERG, RN	—

Timestamps	Action / Reason	Dose / Rate / Duration	Route	Other Information
Performed 22/07/21 10:00 Documented: 22/07/21 10:01	Not Given Other	825 mg 200 mL/hr 30 Minutes	Intravenous	Performed by: Zoie SIDAWAY Comments: advised not to give by SNOD as pt not donating lungs

Performed 21/07/21 23:47 Documented: 21/07/21 23:48	Given	825 mg 200 mL/hr 30 Minutes	Intravenous	Performed by: Hannah NYBERG, RN Dual Signoff by: Marife TALORETE
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**metoclopramide injection 10 mg [131981631]**

Ordering Clinician: Zoe VEARY	Status: Completed (Past End Date/Time)
Ordered On: 18/07/21 01:09	Starts/Ends: 18/07/21 01:10 - 18/07/21 01:00
Dose (Remaining/Total): 10 mg (0/1)	Route: Intravenous
Frequency: Once only	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
Performed 18/07/21 01:00 Documented: 18/07/21 01:35	Given	10 mg	Intravenous	Performed by: SEREDNURSE1012 Dual Signoff by: April WONG

**morphine 10mg/1ml injection 2.5 mg [131990323]**

Ordering Clinician: Thomas SAMUELS	Status: Completed (Past End Date/Time)
Ordered On: 18/07/21 14:57	Starts/Ends: 18/07/21 15:00 - 18/07/21 15:12
Dose (Remaining/Total): 2.5 mg (0/1)	Route: Intravenous
Frequency: Once only	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
Performed 18/07/21 15:12 Documented: 18/07/21 15:13	Given	2.5 mg	Intravenous	Performed by: Marianne MCFADDEN, RN Dual Signoff by: Elizabeth MULDOON, RN

**morphine 10mg/1ml injection 5 mg [131990322]**

Ordering Clinician: Thomas SAMUELS	Status: Discontinued (Past End Date/Time)
Ordered On: 18/07/21 14:55	Starts/Ends: 18/07/21 15:00 - 18/07/21 14:57

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Dose (Remaining/Total): 5 mg (1/1)  
 Frequency: Once only

Route: Intravenous  
 Rate/Duration: — / —

(No admins scheduled or recorded for this medication in the specified date/time range)

**Nepro HP 1 Bottle [132072854]**

Ordering Clinician: Rebecca MCMILLAN  
 Ordered On: 20/07/21 02:22  
 Dose (Remaining/Total): 1 Bottle (—/—)  
 Frequency: Daily scheduled

Status: Discontinued (Past End Date/Time)  
 Starts/Ends: 20/07/21 08:00 - 20/07/21 14:14  
 Route: Oral  
 Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
Performed 20/07/21 02:00 Documented: 20/07/21 06:07	Given	1 Bottle	Oral	Performed by: Hannah NYBERG, RN

**Nepro HP 3.6 Bottle [132083725]**

Ordering Clinician: Carolyn FURNESS  
 Ordered On: 20/07/21 14:14  
 Dose (Remaining/Total): 792 mL (—/—)  
 Frequency: Daily scheduled  
 Admin Instructions: 792mls@ 33mls hour for 24 hours

Status: Discontinued (Past End Date/Time), Reason: Patient Discharge  
 Starts/Ends: 20/07/21 14:15 - 23/07/21 05:55  
 Route: Oral  
 Rate/Duration: — / —

Timestamps	Action / Reason	Dose	Route	Other Information
Performed 23/07/21 03:34 Documented: 23/07/21 03:34	MAR Unhold	—	—	Performed by: Automatic TRANSFER PROVIDER
Performed 22/07/21 14:02 Documented: 22/07/21 14:02	MAR Hold Patient not available	—	—	Performed by: Automatic TRANSFER PROVIDER
Performed 22/07/21 06:11 Documented: 22/07/21 06:11	Given	3.6 Bottle	Oral	Performed by: Hannah NYBERG, RN
Performed 21/07/21 06:08 Documented: 21/07/21 06:08	Given	3.6 Bottle	Oral	Performed by: Hannah NYBERG, RN
Performed 20/07/21 14:15 Documented: 20/07/21 16:12	Given	3.6 Bottle	Oral	Performed by: Gwenyvere OTERO

**noradrenaline 8mg in glucose 5% 50 mL pre filled syringe [131997125]**

Ordering Clinician: Alasdair SUMMERS  
 Ordered On: 18/07/21 21:58  
 Dose (Remaining/Total): 0.01-1 micrograms/kg/min (—/—)  
 Frequency: Titrated  
 Admin Instructions: This may be available as a pre-filled syringe or a ready to use vial.

Status: Discontinued (Past End Date/Time), Reason: Patient Discharge  
 Starts/Ends: 18/07/21 22:00 - 23/07/21 05:55  
 Route: Intravenous  
 Rate/Duration: 0.21-20.63 mL/hr / —

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Line	Med Link Info		Comment	
CVC Quadruple Lumen 18/07/21 Right Femoral (Medial 2)	18/07/21 22:00 by Raquel Soraia CASTRO RIBEIRO, RN		—	
Timestamps	Action	Dose / Rate	Route	Other Information
Performed 22/07/21 11:00 Documented: 22/07/21 11:09	Stopped	0 micrograms/kg/min 0 mL/hr	Intravenous	Performed by: Zoie SIDAWAY
Performed 22/07/21 09:00 Documented: 22/07/21 09:13	Rate/Dose Verify	0.048 micrograms/kg/min 1 mL/hr	Intravenous	Performed by: Zoie SIDAWAY
Performed 22/07/21 08:00 Documented: 22/07/21 08:00	Rate/Dose Change	0.048 micrograms/kg/min 1 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 22/07/21 07:00 Documented: 22/07/21 07:02	Rate/Dose Change	0.058 micrograms/kg/min 1.2 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 22/07/21 06:00 Documented: 22/07/21 06:12	Rate/Dose Change	0.126 micrograms/kg/min 2.6 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 22/07/21 05:00 Documented: 22/07/21 05:01	Rate/Dose Change	0.155 micrograms/kg/min 3.2 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 22/07/21 04:00 Documented: 22/07/21 04:03	Rate/Dose Change	0.175 micrograms/kg/min 3.6 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 22/07/21 03:45 Documented: 22/07/21 04:03	Rate/Dose Verify	0.184 micrograms/kg/min 3.8 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 22/07/21 02:00 Documented: 22/07/21 02:16	Rate/Dose Verify	0.184 micrograms/kg/min 3.8 mL/hr	Intravenous	Performed by: Filsan MOALIN, RN
Performed 22/07/21 01:00 Documented: 22/07/21 01:01	Rate/Dose Change	0.184 micrograms/kg/min 3.8 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 22/07/21 00:00 Documented: 22/07/21 00:26	Rate/Dose Change	0.194 micrograms/kg/min 4 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 21/07/21 23:47 Documented: 22/07/21 00:26	Cancelled Entry	—	Intravenous	Performed by: Hannah NYBERG, RN

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Performed 21/07/21 23:00 Documented: 21/07/21 23:17	Rate/Dose Change	0.242 micrograms/kg/min 5 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 21/07/21 22:00 Documented: 21/07/21 22:52	New Bag	—	Intravenous	Performed by: Hannah NYBERG, RN Dual Signoff by: Filsan MOALIN, RN
Performed 21/07/21 18:00 Documented: 21/07/21 18:01	Rate/Dose Verify	0.184 micrograms/kg/min 3.8 mL/hr	Intravenous	Performed by: Zoie SIDAWAY
Performed 21/07/21 17:00 Documented: 21/07/21 18:01	Rate/Dose Verify	0.184 micrograms/kg/min 3.8 mL/hr	Intravenous	Performed by: Zoie SIDAWAY
Performed 21/07/21 16:00 Documented: 21/07/21 16:05	Rate/Dose Change	0.184 micrograms/kg/min 3.8 mL/hr	Intravenous	Performed by: Zoie SIDAWAY
Performed 21/07/21 15:43 Documented: 21/07/21 15:43	Rate/Dose Verify	0.194 micrograms/kg/min 4 mL/hr	Intravenous	Performed by: Zoie SIDAWAY
Performed 21/07/21 12:08 Documented: 21/07/21 12:08	New Bag	—	Intravenous	Performed by: Zoie SIDAWAY Dual Signoff by: Madalena FERNANDES
Performed 21/07/21 12:00 Documented: 21/07/21 12:04	Rate/Dose Verify	0.194 micrograms/kg/min 4 mL/hr	Intravenous	Performed by: Zoie SIDAWAY
Performed 21/07/21 11:00 Documented: 21/07/21 11:27	Rate/Dose Change	0.194 micrograms/kg/min 4 mL/hr	Intravenous	Performed by: Zoie SIDAWAY
Performed 21/07/21 10:00 Documented: 21/07/21 10:12	Rate/Dose Change	0.145 micrograms/kg/min 3 mL/hr	Intravenous	Performed by: Jaina MISTRY
Performed 21/07/21 09:00 Documented: 21/07/21 09:32	Rate/Dose Verify	0.165 micrograms/kg/min 3.4 mL/hr	Intravenous	Performed by: Zoie SIDAWAY
Performed 21/07/21 08:00 Documented: 21/07/21 08:00	Rate/Dose Verify	0.165 micrograms/kg/min 3.4 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 21/07/21 07:00 Documented: 21/07/21 07:07	Rate/Dose Change	0.165 micrograms/kg/min 3.4 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Performed 21/07/21 06:00 Documented: 21/07/21 06:06	Rate/Dose Change	0.126 micrograms/kg/min 2.6 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 21/07/21 05:00 Documented: 21/07/21 05:07	Rate/Dose Change	0.155 micrograms/kg/min 3.2 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 21/07/21 04:00 Documented: 21/07/21 04:05	Rate/Dose Change	0.199 micrograms/kg/min 4.1 mL/hr	Intravenous	Performed by: Marife TALORETE
Performed 21/07/21 03:00 Documented: 21/07/21 03:12	Rate/Dose Change	0.204 micrograms/kg/min 4.2 mL/hr	Intravenous	Performed by: Marife TALORETE
Performed 21/07/21 02:23 Documented: 21/07/21 02:23	New Bag	—	Intravenous	Performed by: Hannah NYBERG, RN Dual Signoff by: Dhanapackia RAJ, RN
Performed 21/07/21 02:00 Documented: 21/07/21 02:06	Rate/Dose Change	0.194 micrograms/kg/min 4 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 21/07/21 01:00 Documented: 21/07/21 01:08	Rate/Dose Change	0.179 micrograms/kg/min 3.7 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 21/07/21 00:00 Documented: 21/07/21 00:00	Rate/Dose Verify	0.17 micrograms/kg/min 3.5 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 20/07/21 23:00 Documented: 20/07/21 23:05	Rate/Dose Change	0.17 micrograms/kg/min 3.5 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 20/07/21 22:00 Documented: 20/07/21 22:22	Rate/Dose Verify	0.145 micrograms/kg/min 3 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 20/07/21 21:00 Documented: 20/07/21 21:13	Rate/Dose Verify	0.145 micrograms/kg/min 3 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 20/07/21 20:00 Documented: 20/07/21 20:05	Rate/Dose Verify	0.145 micrograms/kg/min 3 mL/hr	Intravenous	Performed by: Gwentyvere OTERO
Performed 20/07/21 17:00 Documented: 20/07/21 17:03	Rate/Dose Change	0.145 micrograms/kg/min 3 mL/hr	Intravenous	Performed by: Gwentyvere OTERO

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Performed 20/07/21 16:00 Documented: 20/07/21 16:11	Rate/Dose Change	0.107 micrograms/kg/min 2.2 mL/hr	Intravenous	Performed by: Gwennyvere OTERO
Performed 20/07/21 15:00 Documented: 20/07/21 15:49	Rate/Dose Verify	0.048 micrograms/kg/min 1 mL/hr	Intravenous	Performed by: Camille Aura MANALANG
Performed 20/07/21 14:26 Documented: 20/07/21 15:49	Cancelled Entry	—	Intravenous	Performed by: Camille Aura MANALANG
Performed 20/07/21 14:00 Documented: 20/07/21 14:27	Rate/Dose Verify	0.048 micrograms/kg/min 1 mL/hr	Intravenous	Performed by: Camille Aura MANALANG
Performed 20/07/21 13:00 Documented: 20/07/21 13:16	Rate/Dose Change	0.048 micrograms/kg/min 1 mL/hr	Intravenous	Performed by: Camille Aura MANALANG
Performed 20/07/21 12:00 Documented: 20/07/21 12:08	Rate/Dose Change	0.087 micrograms/kg/min 1.8 mL/hr	Intravenous	Performed by: Gwennyvere OTERO
Performed 20/07/21 11:00 Documented: 20/07/21 11:10	Rate/Dose Change	0.121 micrograms/kg/min 2.5 mL/hr	Intravenous	Performed by: Gwennyvere OTERO
Performed 20/07/21 10:00 Documented: 20/07/21 10:16	Rate/Dose Change	0.145 micrograms/kg/min 3 mL/hr	Intravenous	Performed by: Camille Aura MANALANG
Performed 20/07/21 09:00 Documented: 20/07/21 10:16	Rate/Dose Change	0.17 micrograms/kg/min 3.5 mL/hr	Intravenous	Performed by: Camille Aura MANALANG
Performed 20/07/21 08:00 Documented: 20/07/21 08:08	Rate/Dose Change	0.121 micrograms/kg/min 2.5 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 20/07/21 07:00 Documented: 20/07/21 07:10	Rate/Dose Verify	0.087 micrograms/kg/min 1.8 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 20/07/21 06:00 Documented: 20/07/21 06:08	Rate/Dose Change	0.087 micrograms/kg/min 1.8 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 20/07/21 05:00 Documented: 20/07/21 05:02	Rate/Dose Change	0.063 micrograms/kg/min 1.3 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Performed 20/07/21 04:00 Documented: 20/07/21 04:25	Rate/Dose Change	0.048 micrograms/kg/min 1 mL/hr	Intravenous	Performed by: Evangeline MEDINA, RN
Performed 20/07/21 03:00 Documented: 20/07/21 04:25	Rate/Dose Change	0.024 micrograms/kg/min 0.5 mL/hr	Intravenous	Performed by: Evangeline MEDINA, RN
Performed 19/07/21 21:33 Documented: 19/07/21 21:33	Rate/Dose Change	0.044 micrograms/kg/min 0.9 mL/hr	Intravenous	Performed by: Hannah NYBERG, RN
Performed 19/07/21 19:00 Documented: 19/07/21 19:01	Rate/Dose Verify	0.058 micrograms/kg/min 1.2 mL/hr	Intravenous	Performed by: Darryl Ionee SANTOS
Performed 19/07/21 18:00 Documented: 19/07/21 18:44	Rate/Dose Change	0.058 micrograms/kg/min 1.2 mL/hr	Intravenous	Performed by: Darryl Ionee SANTOS
Performed 19/07/21 17:00 Documented: 19/07/21 17:05	Rate/Dose Change	0.039 micrograms/kg/min 0.8 mL/hr	Intravenous	Performed by: Melania ABELENDA CASTRO, RN
Performed 19/07/21 16:00 Documented: 19/07/21 16:34	Rate/Dose Change	0.048 micrograms/kg/min 1 mL/hr	Intravenous	Performed by: Melania ABELENDA CASTRO, RN
Performed 19/07/21 15:00 Documented: 19/07/21 15:10	Rate/Dose Change	0.063 micrograms/kg/min 1.3 mL/hr	Intravenous	Performed by: Melania ABELENDA CASTRO, RN
Performed 19/07/21 14:00 Documented: 19/07/21 15:10	Rate/Dose Verify	0.082 micrograms/kg/min 1.7 mL/hr	Intravenous	Performed by: Melania ABELENDA CASTRO, RN
Performed 19/07/21 13:00 Documented: 19/07/21 13:05	Rate/Dose Change	0.082 micrograms/kg/min 1.7 mL/hr	Intravenous	Performed by: Darryl Ionee SANTOS
Performed 19/07/21 12:00 Documented: 19/07/21 12:02	Rate/Dose Change	0.092 micrograms/kg/min 1.9 mL/hr	Intravenous	Performed by: Darryl Ionee SANTOS
Performed 19/07/21 11:00 Documented: 19/07/21 11:06	Rate/Dose Change	0.082 micrograms/kg/min 1.7 mL/hr	Intravenous	Performed by: Darryl Ionee SANTOS
Performed 19/07/21 10:00 Documented: 19/07/21 10:11	Rate/Dose Change	0.063 micrograms/kg/min 1.3 mL/hr	Intravenous	Performed by: Darryl Ionee SANTOS

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Performed 19/07/21 09:00 Documented: 19/07/21 10:11	Rate/Dose Verify	0.048 micrograms/kg/min 1 mL/hr	Intravenous	Performed by: Darryl Ionee SANTOS
Performed 19/07/21 08:00 Documented: 19/07/21 08:04	Rate/Dose Verify	0.048 micrograms/kg/min 1 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN Comments: [Action automatically changed]
Performed 19/07/21 07:00 Documented: 19/07/21 08:04	Rate/Dose Change	0.048 micrograms/kg/min 1 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN
Performed 19/07/21 06:00 Documented: 19/07/21 06:04	Rate/Dose Verify	0.039 micrograms/kg/min 0.8 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN
Performed 19/07/21 05:00 Documented: 19/07/21 05:06	Rate/Dose Verify	0.039 micrograms/kg/min 0.8 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN
Performed 19/07/21 04:00 Documented: 19/07/21 04:08	Rate/Dose Verify	0.039 micrograms/kg/min 0.8 mL/hr	Intravenous	Performed by: Carla CABAL, RN
Performed 19/07/21 03:00 Documented: 19/07/21 04:08	Rate/Dose Change	0.039 micrograms/kg/min 0.8 mL/hr	Intravenous	Performed by: Carla CABAL, RN
Performed 19/07/21 02:00 Documented: 19/07/21 02:13	Rate/Dose Verify	0.029 micrograms/kg/min 0.6 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN
Performed 19/07/21 01:00 Documented: 19/07/21 02:13	Rate/Dose Verify	0.029 micrograms/kg/min 0.6 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN
Performed 19/07/21 00:00 Documented: 19/07/21 02:13	Rate/Dose Change	0.029 micrograms/kg/min 0.6 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN
Performed 18/07/21 23:00 Documented: 19/07/21 02:13	Rate/Dose Verify	0.039 micrograms/kg/min 0.8 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN
Performed 18/07/21 22:00 Documented: 19/07/21 01:01	New Bag	0.039 micrograms/kg/min 0.8 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN Dual Signoff by: Carla CABAL, RN

**OMNIPAQUE 300 300 mg/mL injection 80 mL [131997118]**

Ordering Clinician: Christopher IWUAGWU  
 Ordered On: 18/07/21 20:38

Status: Completed (Past End Date/Time)  
 Starts/Ends: 18/07/21 20:38 - 18/07/21 20:38

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Dose (Remaining/Total): 80 mL (0/1)  
 Frequency: Once in imaging  
 Route: Intravenous  
 Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
Performed 18/07/21 20:38 Documented: 18/07/21 20:38	Given	80 mL	Intravenous	Performed by: Christopher IWUAGWU

**ondansetron injection 4 mg [131981652]**

Ordering Clinician: Zoe VEARY  
 Ordered On: 18/07/21 02:05  
 Dose (Remaining/Total): 4 mg (0/1)  
 Frequency: Once only  
 Status: Completed (Past End Date/Time)  
 Starts/Ends: 18/07/21 02:10 - 18/07/21 03:29  
 Route: Intravenous  
 Rate/Duration: — / 15 Minutes

Timestamps	Action / Reason	Dose / Duration	Route	Other Information
Performed 18/07/21 03:14 Documented: 18/07/21 03:15	Given	4 mg 15 Minutes	Intravenous	Performed by: SEREDNURSE1012 Dual Signoff by: John Erikson SALARDA, RN Comments: vomited now; checked with April W

Performed 18/07/21 02:12 Documented: 18/07/21 02:12	Not Given Other	4 mg 15 Minutes	Intravenous	Performed by: SEREDNURSE1012 Comments: nausea/vomiting resolved with Metoclopramide 10 mgs Ondansetron 4 mgs
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**ondansetron injection 4 mg [131990320]**

Ordering Clinician: Thomas SAMUELS  
 Ordered On: 18/07/21 14:55  
 Dose (Remaining/Total): 4 mg (0/1)  
 Frequency: Once only  
 Status: Completed (Past End Date/Time)  
 Starts/Ends: 18/07/21 15:00 - 18/07/21 15:27  
 Route: Intravenous  
 Rate/Duration: — / 15 Minutes

Timestamps	Action	Dose / Duration	Route	Other Information
Performed 18/07/21 15:12 Documented: 18/07/21 15:13	Given	4 mg 15 Minutes	Intravenous	Performed by: Marianne MCFADDEN, RN Dual Signoff by: Elizabeth MULDOON, RN

**Osmolite HP 1,320 mL [132011876]**

Ordering Clinician: Naomi RONAN  
 Ordered On: 19/07/21 16:45  
 Dose (Remaining/Total): 1,320 mL (—/—)  
 Frequency: Daily scheduled  
 Admin Instructions: INCREASE BY 10ML/HR EVERY 8HOURS  
 Status: Discontinued (Past End Date/Time)  
 Starts/Ends: 19/07/21 17:00 - 20/07/21 02:22  
 Route: Nasogastric  
 Rate/Duration: — / —  
 TARGET 55ML/HR OVER 24HOURS

Timestamps	Action / Reason	Dose	Route	Other Information
Performed 20/07/21 02:33 Documented: 20/07/21 02:34	Withheld Other	0 mL	Nasogastric	Performed by: Hannah NYBERG, RN Comments: stopped

Performed 19/07/21 18:00 Documented: 19/07/21 18:41	Given	1,320 mL	Nasogastric	Performed by: Darryl Ionee SANTOS
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

**paracetamol infusion 1,000 mg [131981666]**

Ordering Clinician: Cameron LEE	Status: Discontinued (Past End Date/Time)
Ordered On: 18/07/21 09:38	Starts/Ends: 18/07/21 09:38 - 19/07/21 10:29
Dose (Remaining/Total): 1 g (—/—)	Route: Intravenous
Frequency: 4 times daily PRN	Rate/Duration: — / 15 Minutes

Timestamps	Action	Dose / Duration	Route	Other Information
Performed 18/07/21 09:48	Given	1,000 mg 15 Minutes	Intravenous	Performed by: Chiara STERZA Dual Signoff by: Roisin CRACKNELL
Documented: 18/07/21 09:50				

**paracetamol infusion 1,000 mg [132011849]**

Ordering Clinician: Livia GOTTARDI	Status: Discontinued (Past End Date/Time), Reason: Patient Discharge
Ordered On: 19/07/21 10:29	Starts/Ends: 19/07/21 10:28 - 23/07/21 05:55
Dose (Remaining/Total): 1 g (—/—)	Route: Intravenous
Frequency: 4 times daily PRN	Rate/Duration: — / 15 Minutes

Line	Med Link Info	Comment
Peripheral IV 18/07/21 Left Antecubital	20/07/21 05:18 by Ralph Angelo SINSON	—

Timestamps	Action / Reason	Dose / Duration	Route	Other Information
Performed 23/07/21 03:34	MAR Unhold	—	—	Performed by: Automatic TRANSFER PROVIDER
Documented: 23/07/21 03:34				
Performed 22/07/21 14:02	MAR Hold Patient not available	—	—	Performed by: Automatic TRANSFER PROVIDER
Documented: 22/07/21 14:02				
Performed 22/07/21 08:41	Given	1,000 mg 15 Minutes	Intravenous	Performed by: Zoie SIDAWAY Dual Signoff by: Madalena FERNANDES
Documented: 22/07/21 08:41				
Performed 20/07/21 05:18	Given	1,000 mg 15 Minutes	Intravenous	Performed by: Ralph Angelo SINSON Dual Signoff by: Hannah NYBERG, RN
Documented: 20/07/21 05:18				

**paracetamol tablet 1 g [131981665]**

Ordering Clinician: Cameron LEE	Status: Discontinued (Past End Date/Time)
Ordered On: 18/07/21 09:38	Starts/Ends: 18/07/21 09:38 - 19/07/21 10:29
Dose (Remaining/Total): 1 g (—/—)	Route: Oral
Frequency: 4 times daily PRN	Rate/Duration: — / —

Timestamps	Action	Dose / Rate / Duration	Route / Site / Linked Line	Other Information
Performed 18/07/21 09:48	See Alternative —	—	—	Performed by: Chiara STERZA Dual Signoff by: Roisin CRACKNELL
Documented: 18/07/21 09:50				

**paracetamol tablet 1 g [132011848]**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Ordering Clinician: Livia GOTTARDI

Status: Discontinued (Past End Date/Time), Reason: Patient Discharge

Ordered On: 19/07/21 10:29

Starts/Ends: 19/07/21 10:28 - 23/07/21 05:55

Dose (Remaining/Total): 1 g (—/—)

Route: Oral

Frequency: 4 times daily PRN

Rate/Duration: — / —

Timestamps	Action / Reason	Dose / Rate / Duration	Route / Site / Linked Line	Other Information
Performed 23/07/21 03:34 Documented: 23/07/21 03:34	MAR Unhold	—	—	Performed by: Automatic TRANSFER PROVIDER
Performed 22/07/21 14:02 Documented: 22/07/21 14:02	MAR Hold Patient not available	—	—	Performed by: Automatic TRANSFER PROVIDER
Performed 22/07/21 08:41 Documented: 22/07/21 08:41	See Alternative	—	—	Performed by: Zoie SIDAWAY Dual Signoff by: Madalena FERNANDES
Performed 20/07/21 05:18 Documented: 20/07/21 05:18	See Alternative	—	—	Performed by: Ralph Angelo SINSON Dual Signoff by: Hannah NYBERG, RN

**phosphate (as sodium glycerophosphate) 30 mmol in glucose 5% 500 mL infusion [132011843]**

Ordering Clinician: Alasdair SUMMERS

Status: Completed (Past End Date/Time)

Ordered On: 19/07/21 07:24

Starts/Ends: 19/07/21 07:30 - 19/07/21 07:46

Dose (Remaining/Total): 30 mmol (0/1)

Route: Intravenous

Frequency: Once only

Rate/Duration: — / —

Admin Instructions: If Serum Phosphate levels are:

A. >0.65

No treatment required.

If oral/enteral route is available, administer oral Phosphate Sandoz 2 tablets TDS PRN.

B. 0.32 - 0.65

If patient is NBM, consider IV phosphate infusion 9mmol over 12 hours.

Administer IV phosphate infusion 30-48mmol over 24 hours.

C. < 0.32

Line	Med Link Info	Comment
CVC Quadruple Lumen 18/07/21 Right Femoral (Medial 1)	19/07/21 07:46 by Raquel Soraia CASTRO RIBEIRO, RN	—

Timestamps	Action	Dose	Route	Other Information
Performed 19/07/21 07:46 Documented: 19/07/21 07:46	Given	30 mmol	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN Dual Signoff by: Carla CABAL, RN

**phosphate (as sodium glycerophosphate) 9 mmol in glucose 5% 250 mL infusion [132005262]**

Ordering Clinician: Alasdair SUMMERS

Status: Completed (Past End Date/Time)

Ordered On: 19/07/21 07:24

Starts/Ends: 19/07/21 07:30 - 19/07/21 07:46

Dose (Remaining/Total): 9 mmol (0/1)

Route: Intravenous

Frequency: Once only

Rate/Duration: — / 12 Hours

Admin Instructions: If Serum Phosphate levels are:

A. >0.65

No treatment required.

If oral/enteral route is available, administer oral Phosphate Sandoz 2 tablets TDS PRN.

B. 0.32 - 0.65

If patient is NBM, consider IV phosphate infusion 9mmol over 12 hours.

C. < 0.32

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Administer IV phosphate infusion 30-48mmol over 24 hours.

Timestamps	Action	Dose / Rate / Duration	Route / Site / Linked Line	Other Information
Performed 19/07/21 07:46 Documented: 19/07/21 07:46	See Alternative —	—	—	Performed by: Raquel Soraia CASTRO RIBEIRO, RN Dual Signoff by: Carla CABAL, RN

**phosphates 50 mmol/500mL Polyfusor infusion (by volume) [132011844]**

Ordering Clinician: Alasdair SUMMERS  
 Ordered On: 19/07/21 07:32  
 Dose (Remaining/Total): 9 mmol (0/1)  
 Frequency: Once only

Status: Completed (Past End Date/Time)  
 Starts/Ends: 19/07/21 07:45 - 20/07/21 10:31  
 Route: Intravenous  
 Rate/Duration: — / —

Line	Med Link Info	Comment
Peripheral IV 18/07/21 Left Antecubital	20/07/21 10:31 by Camille Aura MANALANG	—

Timestamps	Action / Reason	Dose	Route	Other Information
Performed 20/07/21 10:31 Documented: 20/07/21 10:31	Given	9 mmol	Intravenous	Performed by: Camille Aura MANALANG Dual Signoff by: Gwennyvere OTERO
Performed 19/07/21 08:00 Documented: 19/07/21 08:01	Not Given Other	9 mmol	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN Comments: already having IV phosphate

**phosphates 50 mmol/500mL Polyfusor infusion (by volume) [132145355]**

Ordering Clinician: Rebecca MCMILLAN  
 Ordered On: 21/07/21 01:52  
 Dose (Remaining/Total): 50 mmol (0/1)  
 Frequency: Once only

Status: Completed (Past End Date/Time)  
 Starts/Ends: 21/07/21 02:00 - 21/07/21 14:22  
 Route: Intravenous  
 Rate/Duration: — / 12 Hours

Line	Med Link Info	Comment
CVC Quadruple Lumen 18/07/21 Right Femoral (Proximal)	21/07/21 02:22 by Hannah NYBERG, RN	—

Timestamps	Action	Dose / Duration	Route	Other Information
Performed 21/07/21 02:22 Documented: 21/07/21 02:22	Given	50 mmol 12 Hours	Intravenous	Performed by: Hannah NYBERG, RN Dual Signoff by: Dhanapackia RAJ, RN

**phosphates 50 mmol/500mL Polyfusor infusion (by volume) [132216704]**

Ordering Clinician: Declan CRILLY  
 Ordered On: 22/07/21 04:15  
 Dose (Remaining/Total): 9 mmol (1/1)  
 Frequency: Once only

Status: Discontinued (Past End Date/Time)  
 Starts/Ends: 22/07/21 04:30 - 22/07/21 04:48  
 Route: Intravenous  
 Rate/Duration: — / —

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
Performed 22/07/21 05:02 Documented: 22/07/21 05:02	Cancelled Entry	—	Intravenous	Performed by: Hannah NYBERG, RN

**phosphates 50 mmol/500mL Polyfusor infusion (by volume) [132216705]**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Ordering Clinician: Declan CRILLY	Status: Completed (Past End Date/Time)
Ordered On: 22/07/21 04:48	Starts/Ends: 22/07/21 05:00 - 22/07/21 05:02
Dose (Remaining/Total): 50 mmol (0/1)	Route: Intravenous
Frequency: Once only	Rate/Duration: — / —

Line	Med Link Info	Comment
CVC Quadruple Lumen 18/07/21 Right Femoral (Distal)	22/07/21 05:02 by Hannah NYBERG, RN	—

Timestamps	Action	Dose	Route	Other Information
Performed 22/07/21 05:02 Documented: 22/07/21 05:20	Given	50 mmol	Intravenous	Performed by: Hannah NYBERG, RN Dual Signoff by: Marife TALORETE

**potassium chloride 20mmol in glucose 10% infusion 500 mL [132011859]**

Ordering Clinician: Livia GOTTARDI	Status: Discontinued (Past End Date/Time), Reason: Patient Discharge
Ordered On: 19/07/21 10:38	Starts/Ends: 19/07/21 10:45 - 23/07/21 05:55
Dose (Remaining/Total): 500 mL (1/1)	Route: Intravenous
Frequency: Once only	Rate/Duration: 41.7 mL/hr / 12 Hours

Timestamps	Action / Reason	Dose / Rate / Duration	Route	Other Information
Performed 23/07/21 03:34 Documented: 23/07/21 03:34	MAR Unhold	—	—	Performed by: Automatic TRANSFER PROVIDER
Performed 22/07/21 14:02 Documented: 22/07/21 14:02	MAR Hold Patient not available	—	—	Performed by: Automatic TRANSFER PROVIDER
Performed 19/07/21 13:08 Documented: 19/07/21 13:08	Not Given Other	500 mL 41.7 mL/hr 12 Hours	Intravenous	Performed by: Darryl Ionee SANTOS Comments: patient is having kcl 401mmol

**potassium chloride 20mmol in glucose 10% infusion 500 mL [132011860]**

Ordering Clinician: Livia GOTTARDI	Status: Discontinued (Past End Date/Time), Reason: Patient Discharge
Ordered On: 19/07/21 10:38	Starts/Ends: 19/07/21 10:45 - 23/07/21 05:55
Dose (Remaining/Total): 500 mL (1/1)	Route: Intravenous
Frequency: Once only	Rate/Duration: 41.7 mL/hr / 12 Hours

Timestamps	Action / Reason	Dose / Rate / Duration	Route	Other Information
Performed 23/07/21 03:34 Documented: 23/07/21 03:34	MAR Unhold	—	—	Performed by: Automatic TRANSFER PROVIDER
Performed 22/07/21 14:02 Documented: 22/07/21 14:02	MAR Hold Patient not available	—	—	Performed by: Automatic TRANSFER PROVIDER

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Performed 19/07/21 13:08 Documented: 19/07/21 13:09	Not Given Other	500 mL 41.7 mL/hr 12 Hours	Intravenous	Performed by: Darryl Ionee SANTOS
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**potassium chloride 40mmol in sodium chloride 0.9% infusion 1,000 mL [131990324]**

Ordering Clinician: Thomas SAMUELS Ordered On: 18/07/21 14:57 Dose (Remaining/Total): 1,000 mL (0/1) Frequency: Once only	Status: Completed (Past End Date/Time) Starts/Ends: 18/07/21 15:00 - 18/07/21 21:12 Route: Intravenous Rate/Duration: 166.7 mL/hr / 6 Hours
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Timestamps	Action	Dose / Rate / Duration	Route	Other Information
Performed 18/07/21 15:12 Documented: 18/07/21 15:13	Given	1,000 mL 166.7 mL/hr 6 Hours	Intravenous	Performed by: Marianne MCFADDEN, RN Dual Signoff by: Elizabeth MULDOON, RN

**potassium chloride 40mmol in sodium chloride 0.9% infusion 100 mL [131997126]**

Ordering Clinician: Alasdair SUMMERS Ordered On: 18/07/21 22:06 Dose (Remaining/Total): 100 mL (0/1) Frequency: Once only Admin Instructions: CENTRAL line ONLY	Status: Completed (Past End Date/Time) Starts/Ends: 18/07/21 22:15 - 19/07/21 10:30 Route: Intravenous Rate/Duration: 25 mL/hr / 4 Hours
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Timestamps	Action	Dose / Rate / Duration	Route	Other Information
Performed 19/07/21 06:30 Documented: 19/07/21 07:34	Given	50 mL 25 mL/hr 4 Hours	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN Dual Signoff by: Carla CABAL, RN Comments: potassium level stable, given later

**potassium chloride 40mmol in sodium chloride 0.9% infusion 100 mL [132011851]**

Ordering Clinician: Livia GOTTARDI Ordered On: 19/07/21 10:38 Dose (Remaining/Total): 100 mL (0/1) Frequency: Once only Admin Instructions: CENTRAL line ONLY	Status: Completed (Past End Date/Time) Starts/Ends: 19/07/21 10:45 - 19/07/21 15:00 Route: Intravenous Rate/Duration: 50 mL/hr / 2 Hours
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Line	Med Link Info	Comment
CVC Quadruple Lumen 18/07/21 Right Femoral (Medial 2)	19/07/21 13:00 by Darryl Ionee SANTOS	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
Performed 19/07/21 13:00 Documented: 19/07/21 13:08	Given	100 mL 50 mL/hr 2 Hours	Intravenous	Performed by: Darryl Ionee SANTOS Dual Signoff by: Melania ABELENDIA CASTRO, RN

**potassium chloride 40mmol in sodium chloride 0.9% infusion 100 mL [132011861]**

Ordering Clinician: Livia GOTTARDI Ordered On: 19/07/21 10:53 Dose (Remaining/Total): 100 mL (—/—) Frequency: As needed	Status: Discontinued (Past End Date/Time), Reason: Patient Discharge Starts/Ends: 19/07/21 10:52 - 23/07/21 05:55 Route: Intravenous Rate/Duration: 50 mL/hr / 2 Hours
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Admin Instructions: CENTRAL line ONLY

Line	Med Link Info	Comment
CVC Quadruple Lumen 18/07/21 Right Femoral (Medial 1)	19/07/21 17:00 by Darryl Ionee SANTOS	—

Timestamps	Action / Reason	Dose / Rate / Duration	Route	Other Information
Performed 23/07/21 03:34 Documented: 23/07/21 03:34	MAR Unhold	—	—	Performed by: Automatic TRANSFER PROVIDER
Performed 22/07/21 14:02 Documented: 22/07/21 14:02	MAR Hold Patient not available	—	—	Performed by: Automatic TRANSFER PROVIDER
Performed 21/07/21 23:00 Documented: 21/07/21 23:14	Given	100 mL 50 mL/hr 2 Hours	Intravenous	Performed by: Hannah NYBERG, RN Dual Signoff by: Filsan MOALIN, RN
Performed 21/07/21 21:00 Documented: 21/07/21 22:51	Given	100 mL 50 mL/hr 2 Hours	Intravenous	Performed by: Hannah NYBERG, RN Dual Signoff by: Filsan MOALIN, RN
Performed 21/07/21 13:30 Documented: 21/07/21 14:17	Given	100 mL 50 mL/hr 2 Hours	Intravenous	Performed by: Jaina MISTRY Dual Signoff by: Zoie SIDAWAY
Performed 21/07/21 09:45 Documented: 21/07/21 10:01	Given	100 mL 50 mL/hr 2 Hours	Intravenous	Performed by: Zoie SIDAWAY Dual Signoff by: Jaina MISTRY
Performed 21/07/21 05:22 Documented: 21/07/21 05:22	Given	100 mL 50 mL/hr 2 Hours	Intravenous	Performed by: Hannah NYBERG, RN Dual Signoff by: Marife TALORETE
Performed 21/07/21 01:26 Documented: 21/07/21 01:27	Given	100 mL 50 mL/hr 2 Hours	Intravenous	Performed by: Hannah NYBERG, RN Dual Signoff by: Dhanapackia RAJ, RN
Performed 20/07/21 21:02 Documented: 20/07/21 21:02	Given	100 mL 50 mL/hr 2 Hours	Intravenous	Performed by: Marife TALORETE Dual Signoff by: Hannah NYBERG, RN
Performed 20/07/21 14:26 Documented: 20/07/21 14:27	Given	100 mL 50 mL/hr 2 Hours	Intravenous	Performed by: Rhodiza Ann BALIO Dual Signoff by: Gwenvyvere OTERO

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Performed 20/07/21 Given 08:02 Documented: 20/07/21 08:02	100 mL 50 mL/hr 2 Hours	Intravenous	Performed by: Hannah NYBERG, RN Dual Signoff by: Evangeline MEDINA, RN
Performed 20/07/21 Given 05:17 Documented: 20/07/21 05:18	100 mL 50 mL/hr 2 Hours	Intravenous	Performed by: Ralph Angelo SINSON Dual Signoff by: Hannah NYBERG, RN
Performed 20/07/21 Given 01:58 Documented: 20/07/21 01:59	100 mL 50 mL/hr 2 Hours	Intravenous	Performed by: Hannah NYBERG, RN Dual Signoff by: Evangeline MEDINA, RN
Performed 19/07/21 Given 23:50 Documented: 19/07/21 23:50	100 mL 50 mL/hr 2 Hours	Intravenous	Performed by: Hannah NYBERG, RN Dual Signoff by: Ralph Angelo SINSON
Performed 19/07/21 Given 17:00 Documented: 19/07/21 18:43	100 mL 50 mL/hr 2 Hours	Intravenous	Performed by: Darryl Ionee SANTOS Dual Signoff by: Melania ABELENDIA CASTRO, RN

**PROHANCE injection 10 mL [132083728]**

Ordering Clinician: Livia GOTTARDI  
Status: Discontinued (Past End Date/Time), Reason: Patient Discharge  
Ordered On: 20/07/21 18:11  
Starts/Ends: 20/07/21 18:11 - 23/07/21 05:55  
Dose (Remaining/Total): 10 mL (1/1)  
Route: Intravenous  
Frequency: Once in imaging  
Rate/Duration: — / —

Timestamps	Action / Reason	Dose / Rate / Duration	Route / Site / Linked Line	Other Information
Performed 23/07/21 03:34 Documented: 23/07/21 03:34	MAR Unhold	—	—	Performed by: Automatic TRANSFER PROVIDER
Performed 22/07/21 14:02 Documented: 22/07/21 14:02	MAR Hold Patient not available	—	—	Performed by: Automatic TRANSFER PROVIDER

**propofol 2% IV [131997097]**

Ordering Clinician: Livia GOTTARDI  
Status: Discontinued (Past End Date/Time), Reason: Patient Discharge  
Ordered On: 18/07/21 18:23  
Starts/Ends: 18/07/21 18:30 - 23/07/21 05:55  
Dose (Remaining/Total): 0-200 mg/hr (—/—)  
Route: Intravenous  
Frequency: Titrated  
Rate/Duration: 0-10 mL/hr / —

Line	Med Link Info	Comment
Peripheral IV 18/07/21 Anterior;Distal;Right Forearm	18/07/21 18:48 by Jeane NASCIMENTO, RN	—

Timestamps	Action	Dose / Rate	Route	Other Information
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Performed 19/07/21 11:00 Documented: 19/07/21 11:08	Stopped	0 mg/hr 0 mL/hr	Intravenous	Performed by: Darryl Ionee SANTOS
Performed 19/07/21 10:00 Documented: 19/07/21 10:12	Rate/Dose Verify	200 mg/hr 10 mL/hr	Intravenous	Performed by: Darryl Ionee SANTOS
Performed 19/07/21 09:30 Documented: 19/07/21 10:49	New Bag	200 mg/hr 10 mL/hr	Intravenous	Performed by: Darryl Ionee SANTOS Dual Signoff by: Melania ABELENDIA CASTRO, RN
Performed 19/07/21 09:00 Documented: 19/07/21 10:12	Rate/Dose Verify	200 mg/hr 10 mL/hr	Intravenous	Performed by: Darryl Ionee SANTOS
Performed 19/07/21 08:00 Documented: 19/07/21 08:05	Rate/Dose Verify	200 mg/hr 10 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN
Performed 19/07/21 07:00 Documented: 19/07/21 08:05	Rate/Dose Verify	200 mg/hr 10 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN
Performed 19/07/21 06:00 Documented: 19/07/21 06:04	Rate/Dose Verify	200 mg/hr 10 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN
Performed 19/07/21 05:00 Documented: 19/07/21 05:06	Rate/Dose Verify	200 mg/hr 10 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN
Performed 19/07/21 04:00 Documented: 19/07/21 04:08	Rate/Dose Verify	200 mg/hr 10 mL/hr	Intravenous	Performed by: Carla CABAL, RN
Performed 19/07/21 03:00 Documented: 19/07/21 04:44	Rate/Dose Verify	200 mg/hr 10 mL/hr	Intravenous	Performed by: Carla CABAL, RN Comments: [Action automatically changed]
Performed 19/07/21 02:00 Documented: 19/07/21 04:44	Rate/Dose Verify	200 mg/hr 10 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN Comments: [Action automatically changed]
Performed 19/07/21 01:00 Documented: 19/07/21 04:44	Rate/Dose Verify	200 mg/hr 10 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN
Performed 19/07/21 00:59 Documented: 19/07/21 00:59	New Bag	200 mg/hr 10 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN Dual Signoff by: Carla CABAL, RN

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Performed 19/07/21 00:00 Documented: 19/07/21 04:44	Rate/Dose Verify	200 mg/hr 10 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN Comments: [Action automatically changed]
Performed 18/07/21 23:00 Documented: 19/07/21 04:44	Rate/Dose Verify	200 mg/hr 10 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN Comments: [Action automatically changed]
Performed 18/07/21 22:00 Documented: 19/07/21 04:44	Rate/Dose Verify	200 mg/hr 10 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN Comments: [Action automatically changed]
Performed 18/07/21 21:00 Documented: 19/07/21 04:44	Rate/Dose Change	200 mg/hr 10 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN
Performed 18/07/21 20:19 Documented: 18/07/21 21:45	Cancelled Entry	—	Intravenous	Performed by: Evangeline MEDINA, RN
Performed 18/07/21 20:00 Documented: 19/07/21 04:44	Rate/Dose Change	200 mg/hr 10 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN
Performed 18/07/21 19:00 Documented: 18/07/21 20:11	Rate/Dose Change	160 mg/hr 8 mL/hr	Intravenous	Performed by: Jeane NASCIMENTO, RN
Performed 18/07/21 18:48 Documented: 18/07/21 18:49	New Bag	20 mg/hr 1 mL/hr	Intravenous	Performed by: Jeane NASCIMENTO, RN Dual Signoff by: Marialuisa BAFUNNO

**sodium acid phosphate (PHOSPHATE SANDOZ) effervescent tablet 2 tablet [132005263]**

Ordering Clinician: Alasdair SUMMERS Ordered On: 19/07/21 07:24 Dose (Remaining/Total): 2 tablet (0/1) Frequency: Once only Admin Instructions: If Serum Phosphate levels are: A. >0.65  If oral/enteral route is available, administer oral Phosphate Sandoz 2 tablets TDS PRN.  Administer IV phosphate infusion 30-48mmol over 24 hours.	Status: Completed (Past End Date/Time) Starts/Ends: 19/07/21 07:30 - 19/07/21 07:46 Route: Oral Rate/Duration: — / —  No treatment required. B. 0.32 - 0.65 If patient is NBM, consider IV phosphate infusion 9mmol over 12 hours. C. < 0.32
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Timestamps	Action	Dose / Rate / Duration	Route / Site / Linked Line	Other Information
Performed 19/07/21 07:46 Documented: 19/07/21 07:46	See Alternative —		—	Performed by: Raquel Soraia CASTRO RIBEIRO, RN Dual Signoff by: Carla CABAL, RN

**sodium acid phosphate (PHOSPHATE SANDOZ) effervescent tablet 2 tablet [132072857]**

Ordering Clinician: Rebecca MCMILLAN	Status: Completed (Past End Date/Time)
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Ordered On: 20/07/21 07:44  
 Dose (Remaining/Total): 2 tablet (0/1)  
 Frequency: Once only  
 Admin Instructions: If Serum Phosphate levels are:  
 A. >0.65

Starts/Ends: 20/07/21 07:45 - 20/07/21 08:02  
 Route: Oral  
 Rate/Duration: — / —

No treatment required.  
 B. 0.32 - 0.65  
 If patient is NBM, consider IV phosphate infusion 9mmol over 12 hours.  
 C. < 0.32

If oral/enteral route is available, administer oral Phosphate Sandoz 2 tablets TDS PRN.

Administer IV phosphate infusion 30-48mmol over 24 hours.

Timestamps	Action	Dose	Route	Other Information
Performed 20/07/21 08:02 Documented: 20/07/21 08:02	Given	2 tablet	Oral	Performed by: Hannah NYBERG, RN

**sodium bicarbonate 1.26% Polyfusor infusion (by volume) [131997096]**

Ordering Clinician: Livia GOTTARDI

Status: Discontinued (Past End Date/Time), Reason: Patient Discharge

Ordered On: 18/07/21 18:23  
 Dose (Remaining/Total): 500 mL (1/1)  
 Frequency: Once only

Starts/Ends: 18/07/21 18:30 - 23/07/21 05:55  
 Route: Intravenous  
 Rate/Duration: 125 mL/hr / 4 Hours

Timestamps	Action / Reason	Dose / Rate / Duration	Route / Site / Linked Line	Other Information
Performed 23/07/21 03:34 Documented: 23/07/21 03:34	MAR Unhold	—	—	Performed by: Automatic TRANSFER PROVIDER
Performed 22/07/21 14:02 Documented: 22/07/21 14:02	MAR Hold Patient not available	—	—	Performed by: Automatic TRANSFER PROVIDER
Due 18/07/21 18:30 Scheduled: 18/07/21 18:23	Due	—	—	—

**sodium bicarbonate 1.26% Polyfusor infusion (by volume) [131997099]**

Ordering Clinician: Livia GOTTARDI

Status: Discontinued (Past End Date/Time), Reason: Patient Discharge

Ordered On: 18/07/21 18:23  
 Dose (Remaining/Total): 500 mL (1/1)  
 Frequency: Once only

Starts/Ends: 18/07/21 18:30 - 23/07/21 05:55  
 Route: Intravenous  
 Rate/Duration: 125 mL/hr / 4 Hours

Timestamps	Action / Reason	Dose / Rate / Duration	Route / Site / Linked Line	Other Information
Performed 23/07/21 03:34 Documented: 23/07/21 03:34	MAR Unhold	—	—	Performed by: Automatic TRANSFER PROVIDER
Performed 22/07/21 14:02 Documented: 22/07/21 14:02	MAR Hold Patient not available	—	—	Performed by: Automatic TRANSFER PROVIDER

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Medication Administrations (continued)**

Due 18/07/21 18:30 Due — — —  
Scheduled: 18/07/21  
18:23

**sodium chloride 0.9% infusion [131997127]**

Ordering Clinician: Alasdair SUMMERS Status: Discontinued (Past End Date/Time), Reason: Patient Discharge  
Ordered On: 18/07/21 22:17 Starts/Ends: 18/07/21 22:30 - 23/07/21 05:55  
Dose (Remaining/Total): 50 mL/hr (—/—) Route: Intravenous  
Frequency: Continuous Rate/Duration: 50 mL/hr / —

Timestamps	Action / Reason	Dose / Rate	Route	Other Information
Performed 18/07/21 22:30 Documented: 19/07/21 02:00	Withheld Other	0 mL/hr 0 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN Comments: already on going when my shift started
Performed 18/07/21 21:00 Documented: 19/07/21 01:59	Continue to Inpatient Floor	50 mL/hr 50 mL/hr	Intravenous	Performed by: Raquel Soraia CASTRO RIBEIRO, RN Comments: already connected when my shift started

**terlipressin 1 mg/8.5ml continuous infusion [132216720]**

Ordering Clinician: Panagiota SCEALES Status: Discontinued (Past End Date/Time), Reason: Patient Discharge  
Ordered On: 22/07/21 10:08 Starts/Ends: 22/07/21 10:15 - 23/07/21 05:55  
Dose (Remaining/Total): 0.1-0.3 mg/hr (—/—) Route: Intravenous  
Frequency: Titrated Rate/Duration: 0.85-2.55 mL/hr / —

Line	Med Link Info	Comment
CVC Quadruple Lumen 18/07/21 Right Femoral (Medial 1)	22/07/21 10:35 by Zoie SIDAWAY	—

Timestamps	Action	Dose / Rate	Route	Other Information
Performed 22/07/21 10:35 Documented: 22/07/21 10:35	New Bag	0.1 mg/hr 0.85 mL/hr	Intravenous	Performed by: Zoie SIDAWAY Dual Signoff by: Madalena FERNANDES

**Other Orders (group 1 of 3)**

**Admission**

**Decision To Admit (Completed)**

Electronically signed by: **Theresa DENMAN on 18/07/21 04:24** Status: **Completed**  
Ordering user: Theresa DENMAN 18/07/21 04:24 Ordering clinician: Theresa DENMAN  
Authorised by: Christine GREGSON Ordering mode: Standard: no cosign required  
Frequency: Routine Once 18/07/21 04:24 - 1 occurrence Class: Hospital Performed  
Quantity: 1 Instance released by: Theresa DENMAN (auto-released)  
18/7/2021 04:24

**Questionnaire**

Question	Answer
Patient Class	Inpatient
Lead Consultant	GREGSON, CHRISTINE
Estimated length of stay?	24-48 hours
EDD	20/7/2021

**Updates**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Other Orders (group 1 of 3) (continued)**

Service: Acute Medicine

**Case Request**

**Case Request Operating Theatre (TCI): ORGAN RETRIEVAL OPERATION (Completed)**

Electronically signed by: **Declan CRILLY on 22/07/21 02:36**

Status: **Completed**

Ordering user: Declan CRILLY 22/07/21 02:36

Ordering clinician: Declan CRILLY

Authorised by: Reecha SOFAT

Ordering mode: Standard

Frequency: Routine Once 22/07/21 02:34 - 1 occurrence

Class: Hospital Performed

Quantity: 1

Instance released by: Declan CRILLY (auto-released)  
22/7/2021 02:36

Diagnoses

Brainstem death [G93.8]

**Questionnaire**

Question	Answer
Emergency add on case?	Yes
Admission Priority	1U - Clinically Urgent
Post-op Destination	Other
NHS or private patient?	1 NHS Patient
Does the patient need a delay before the next procedure for clinical reasons?	No - next available date according to clinical priority
Specialty for waiting list	Critical Care - UCH T03 ICU
Is this an unplanned return to theatres?	No
Case Classification	Urgent within 24 hours
Must be performed by:	22/7/2021

**Indications**

Brainstem death [G93.8 (ICD-10-UK)]

**Consult**

**Acute Medicine - Inpatient consult (Completed)**

Electronically signed by: **Zoe VEARY on 18/07/21 03:10**

Status: **Completed**

Ordering user: Zoe VEARY 18/07/21 03:10

Ordering clinician: Zoe VEARY

Authorised by: Ravi DASAN

Ordering mode: Standard

Frequency: Urgent Once 18/07/21 03:11 - 1 occurrence

Class: Hospital Performed

Quantity: 1

Instance released by: Zoe VEARY (auto-released) 18/7/2021  
03:10

**Questionnaire**

Question	Answer
Reason for Consult?	unwell, vomiting
Did you contact the team?	Yes
Whom did you speak to? (name & contact number)	spr
Consult Tracking:	Consult Completed

**Inpatient consult to PERRT (Cancel Pend)**

Electronically signed by: **John Dean SKULL, RN on 18/07/21 18:00**

Status: **Cancel Pend**

Ordering user: John Dean SKULL, RN 18/07/21 18:00

Class: Hospital Performed

Frequency: Urgent Once 18/07/21 17:47 - 1 occurrence

Pended by: John Dean SKULL, RN 18/07/21 18:00

Quantity: 1

Cancelled by: John Dean SKULL, RN [Expired]

**Questionnaire**

Question	Answer
Reason for Consult?	drop in GCS
Did you contact the team?	Yes
Your contact details? (Name, Tel/Bleep)	3302

UNIVERSITY COLLEGE HOSPITAL CAMPUS  
University College Hospital Campus  
235 Euston Road  
London  
NW1 2BU

YOUNG, GAIA Inigo  
MRN: 21365083, DOB: 4/3/1996, Sex: F  
Adm: 17/7/2021, D/C: 23/7/2021

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Other Orders (group 1 of 3) (continued)**

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Other Orders (group 2 of 3)**

**Medication**

**compound sodium lactate (Hartmann's) infusion (by volume) 1,000 mL (Completed)**

Electronically signed by: **Zoe VEARY on 18/07/21 01:09** Status: **Completed**  
 Ordering user: Zoe VEARY 18/07/21 01:09 Ordering clinician: Zoe VEARY  
 Authorised by: Zoe VEARY Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 01:10 - 1 occurrence Class: Normal  
 Acknowledged: SEREDNURSE1012 18/07/21 01:09 for Placing Order  
 Package: SODIUM LACTATE COMPOUND INTRAVENOUS INFUSION (4900711000001101)

**metoclopramide injection 10 mg (Completed)**

Electronically signed by: **Zoe VEARY on 18/07/21 01:09** Status: **Completed**  
 Ordering user: Zoe VEARY 18/07/21 01:09 Ordering clinician: Zoe VEARY  
 Authorised by: Zoe VEARY Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 01:10 - 1 occurrence Class: Normal  
 Acknowledged: SEREDNURSE1012 18/07/21 01:09 for Placing Order  
 Package: PACK OF 5

**ondansetron injection 4 mg (Completed)**

Electronically signed by: **Zoe VEARY on 18/07/21 02:05** Status: **Completed**  
 Ordering user: Zoe VEARY 18/07/21 02:05 Ordering clinician: Zoe VEARY  
 Authorised by: Zoe VEARY Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 02:10 - 1 occurrence Class: Normal  
 Acknowledged: SEREDNURSE1012 18/07/21 02:12 for Placing Order  
 Package: ONDANSETRON 4MG/2ML INJECTION (28798711000001109)

**compound sodium lactate (Hartmann's) infusion (by volume) 1,000 mL (Completed)**

Electronically signed by: **Zoe VEARY on 18/07/21 02:16** Status: **Completed**  
 Ordering user: Zoe VEARY 18/07/21 02:16 Ordering clinician: Zoe VEARY  
 Authorised by: Zoe VEARY Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 02:20 - 1 occurrence Class: Normal  
 Acknowledged: Jesjohn Vladimir GO, RN 18/07/21 03:12 for Placing Order  
 Package: SODIUM LACTATE COMPOUND INTRAVENOUS INFUSION (4900711000001101)

**compound sodium lactate (Hartmann's) infusion (by volume) 1,000 mL (Completed)**

Electronically signed by: **Conor FEELY on 18/07/21 04:04** Status: **Completed**  
 Ordering user: Conor FEELY 18/07/21 04:04 Ordering clinician: Conor FEELY  
 Authorised by: Conor FEELY Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 04:05 - 1 occurrence Class: Normal  
 Acknowledged: Mariss MATILLANO, RN 18/07/21 04:55 for Placing Order  
 Package: SODIUM LACTATE COMPOUND INTRAVENOUS INFUSION (4900711000001101)

**paracetamol tablet 1 g (Discontinued)**

Electronically signed by: **Cameron LEE on 18/07/21 09:38** Status: **Discontinued**  
 Ordering user: Cameron LEE 18/07/21 09:38 Ordering clinician: Cameron LEE  
 Authorised by: Cameron LEE Ordering mode: Standard  
 PRN reasons: pain  
 Frequency: Routine QDS PRN 18/07/21 09:38 - 19/07/21 10:29 Class: Normal  
 Discontinued by: Livia GOTTARDI 19/07/21 10:29  
 Acknowledged: Marialuisa BAFUNNO 18/07/21 19:26 for Placing Order Aishling HOPKINS, RN 19/07/21 11:00 for D/C Order  
 Package: PARACETAMOL 500MG TABLETS (1251111000001105)

**Ordering & Authorising Clinician Audit Trail**

Date/Time	Ordering clinician	Authorising Clinician	User
19/07/21 10:29	Livia GOTTARDI	Livia GOTTARDI	Livia GOTTARDI
18/07/21 09:38	Cameron LEE	Cameron LEE	Cameron LEE

**paracetamol infusion 1,000 mg (Discontinued)**

Electronically signed by: **Cameron LEE on 18/07/21 09:38** Status: **Discontinued**  
 Ordering user: Cameron LEE 18/07/21 09:38 Ordering clinician: Cameron LEE  
 Authorised by: Cameron LEE Ordering mode: Standard  
 PRN reasons: pain

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Other Orders (group 2 of 3) (continued)**

Frequency: Routine QDS PRN 18/07/21 09:38 - 19/07/21 10:29 Class: Normal

Discontinued by: Livia GOTTARDI 19/07/21 10:29

Acknowledged: Marialuisa BAFUNNO 18/07/21 19:26 for Placing Order Aishling HOPKINS, RN 19/07/21 11:00 for D/C Order Package: PARACETAMOL 1G/100ML SOLUTION FOR INFUSION (24409211000001101)

**Ordering & Authorising Clinician Audit Trail**

Date/Time	Ordering clinician	Authorising Clinician	User
19/07/21 10:29	Livia GOTTARDI	Livia GOTTARDI	Livia GOTTARDI
18/07/21 09:38	Cameron LEE	Cameron LEE	Cameron LEE

**cefTRIAxone injection 2 g (Discontinued)**

Electronically signed by: **Simon Alexander Thomas WESTBY on 18/07/21 11:06** Status: **Discontinued**

Ordering user: Simon Alexander Thomas WESTBY 18/07/21 11:06 Ordering clinician: Simon Alexander Thomas WESTBY

Authorised by: Simon Alexander Thomas WESTBY Ordering mode: Standard

Frequency: Routine Every 12 hrs SCH 18/07/21 18:00 - 18/07/21 11:32 Class: Normal

Discontinued by: Simon Alexander Thomas WESTBY 18/07/21 11:32

Acknowledged: Marialuisa BAFUNNO 18/07/21 19:26 for Placing Order Marialuisa BAFUNNO 18/07/21 19:26 for D/C Order

**Questionnaire**

Question	Answer
Indication by body system:	Central Nervous System
Central Nervous System Indication:	Meningitis

Package: CEFTRIAxONE 2G POWDER FOR SOLUTION FOR INJECTION (24447411000001103)

**aciclovir 600 mg in sodium chloride 0.9% 250 mL infusion (Discontinued)**

Electronically signed by: **Simon Alexander Thomas WESTBY on 18/07/21 11:07** Status: **Discontinued**

Ordering user: Simon Alexander Thomas WESTBY 18/07/21 11:07 Ordering clinician: Simon Alexander Thomas WESTBY

Authorised by: Simon Alexander Thomas WESTBY Ordering mode: Standard

Frequency: Routine Every 8 hrs SCH 18/07/21 14:00 - 18/07/21 11:32 Class: Normal

Discontinued by: Simon Alexander Thomas WESTBY 18/07/21 11:32

Acknowledged: Marialuisa BAFUNNO 18/07/21 19:26 for Placing Order Marialuisa BAFUNNO 18/07/21 19:26 for D/C Order

**Questionnaire**

Question	Answer
Antiviral Indication:	Clinical Syndrome
Clinical Syndrome Indication:	Viral encephalitis

**Mixture Ingredients**

Medication	Ordered Dose	Calculated Dose
aciclovir	10 mg/kg	600 mg
sodium chloride 0.9%	250 mL	250 mL

**cefTRIAxone injection 2 g (Discontinued)**

Electronically signed by: **Simon Alexander Thomas WESTBY on 18/07/21 11:32** Status: **Discontinued**

Ordering user: Simon Alexander Thomas WESTBY 18/07/21 11:32 Ordering clinician: Simon Alexander Thomas WESTBY

Authorised by: Simon Alexander Thomas WESTBY Ordering mode: Standard

Frequency: Routine Every 12 hrs SCH 18/07/21 11:45 - 18/07/21 22:17 Class: Normal

Discontinued by: Alasdair SUMMERS 18/07/21 22:17

Acknowledged: Marialuisa BAFUNNO 18/07/21 19:26 for Placing Order Raquel Soraia CASTRO RIBEIRO, RN 18/07/21 22:17 for D/C Order

**Questionnaire**

Question	Answer
Indication by body system:	Central Nervous System
Central Nervous System Indication:	Meningitis

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Other Orders (group 2 of 3) (continued)**

Package: CEFTRIAXONE 2G POWDER FOR SOLUTION FOR INJECTION (24447411000001103)

Modified from: cefTRIAXone injection 2 g

**Ordering & Authorising Clinician Audit Trail**

Date/Time	Ordering clinician	Authorising Clinician	User
18/07/21 22:17	Alasdair SUMMERS	Alasdair SUMMERS	Alasdair SUMMERS
18/07/21 11:32	Simon Alexander Thomas WESTBY	Simon Alexander Thomas WESTBY	Simon Alexander Thomas WESTBY

**aciclovir 600 mg in sodium chloride 0.9% 250 mL infusion (Discontinued)**

Electronically signed by: **Simon Alexander Thomas WESTBY on 18/07/21 11:32** Status: **Discontinued**

Ordering user: Simon Alexander Thomas WESTBY 18/07/21 11:32  
Ordering clinician: Simon Alexander Thomas WESTBY

Authorised by: Simon Alexander Thomas WESTBY  
Frequency: Routine Every 8 hrs SCH 18/07/21 11:45 - 18/07/21 22:17  
Ordering mode: Standard  
Class: Normal

Discontinued by: Alasdair SUMMERS 18/07/21 22:17

Acknowledged: Marialuisa BAFUNNO 18/07/21 19:26 for Placing Order Raquel Soraia CASTRO RIBEIRO, RN 18/07/21 22:17 for D/C Order

**Questionnaire**

Question	Answer
Antiviral Indication:	Clinical Syndrome
Clinical Syndrome Indication:	Viral encephalitis

**Mixture Ingredients**

Medication	Ordered Dose	Calculated Dose
aciclovir	10 mg/kg	600 mg
sodium chloride 0.9%	250 mL	250 mL

Modified from: aciclovir 600 mg in sodium chloride 0.9% 250 mL infusion

**Ordering & Authorising Clinician Audit Trail**

Date/Time	Ordering clinician	Authorising Clinician	User
18/07/21 22:17	Alasdair SUMMERS	Alasdair SUMMERS	Alasdair SUMMERS
18/07/21 11:32	Simon Alexander Thomas WESTBY	Simon Alexander Thomas WESTBY	Simon Alexander Thomas WESTBY

**ondansetron injection 4 mg (Completed)**

Electronically signed by: **Thomas SAMUELS on 18/07/21 14:55** Status: **Completed**

Ordering user: Thomas SAMUELS 18/07/21 14:55  
Ordering clinician: Thomas SAMUELS

Authorised by: Thomas SAMUELS  
Ordering mode: Standard

Frequency: Routine Once 18/07/21 15:00 - 1 occurrence  
Class: Normal

Acknowledged: Marialuisa BAFUNNO 18/07/21 19:26 for Placing Order

Package: ONDANSETRON 4MG/2ML INJECTION (28798711000001109)

Reordered from: ondansetron injection 4 mg

**ibuprofen tablet 600 mg (Discontinued)**

Electronically signed by: **Thomas SAMUELS on 18/07/21 14:55** Status: **Discontinued**

Ordering user: Thomas SAMUELS 18/07/21 14:55  
Ordering clinician: Thomas SAMUELS

Authorised by: Thomas SAMUELS  
Ordering mode: Standard

Frequency: Routine Once 18/07/21 15:00 - 1 occurrence  
Class: Normal

Discontinued by: Alasdair SUMMERS 18/07/21 22:10

Acknowledged: Marialuisa BAFUNNO 18/07/21 19:26 for Placing Order Raquel Soraia CASTRO RIBEIRO, RN 18/07/21 22:17 for D/C Order

**Mixture Ingredients**

Medication	Ordered Dose	Calculated Dose
ibuprofen	200 mg	200 mg
ibuprofen	400 mg	400 mg

Package: IBUPROFEN 200MG TABLETS (1463811000001109), IBUCALM 400MG TABLETS (16529111000001102)

**Ordering & Authorising Clinician Audit Trail**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Other Orders (group 2 of 3) (continued)**

Date/Time	Ordering clinician	Authorising Clinician	User
18/07/21 22:10	Alasdair SUMMERS	Alasdair SUMMERS	Alasdair SUMMERS
18/07/21 14:55	Thomas SAMUELS	Thomas SAMUELS	Thomas SAMUELS

**morphine 10mg/1ml injection 5 mg (Discontinued)**

Electronically signed by: **Thomas SAMUELS on 18/07/21 14:55** Status: **Discontinued**  
 Ordering user: Thomas SAMUELS 18/07/21 14:55 Ordering clinician: Thomas SAMUELS  
 Authorised by: Thomas SAMUELS Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 15:00 - 1 occurrence Class: Normal  
 Discontinued by: Thomas SAMUELS 18/07/21 14:57  
 Acknowledged: Marialuisa BAFUNNO 18/07/21 19:26 for Placing Order Marialuisa BAFUNNO 18/07/21 19:26 for D/C Order  
 Package: MORPHINE SULFATE 10MG/1ML INJECTION (4382611000001101)

**morphine 10mg/1ml injection 2.5 mg (Completed)**

Electronically signed by: **Thomas SAMUELS on 18/07/21 14:57** Status: **Completed**  
 Ordering user: Thomas SAMUELS 18/07/21 14:57 Ordering clinician: Thomas SAMUELS  
 Authorised by: Thomas SAMUELS Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 15:00 - 1 occurrence Class: Normal  
 Acknowledged: Marialuisa BAFUNNO 18/07/21 19:26 for Placing Order  
 Package: MORPHINE SULFATE 10MG/1ML INJECTION (4382611000001101)  
 Modified from: morphine 10mg/1ml injection 5 mg

**potassium chloride 40mmol in sodium chloride 0.9% infusion 1,000 mL (Completed)**

Electronically signed by: **Thomas SAMUELS on 18/07/21 14:57** Status: **Completed**  
 Ordering user: Thomas SAMUELS 18/07/21 14:57 Ordering clinician: Thomas SAMUELS  
 Authorised by: Thomas SAMUELS Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 15:00 - 1 occurrence Class: Normal  
 Acknowledged: Marialuisa BAFUNNO 18/07/21 19:26 for Placing Order  
 Package: POTASSIUM CHLORIDE 0.3% (40MMOL POTASSIUM) IN SODIUM CHLORIDE 0.9% 1000ML INFUSION (5015811000001103)

**magnesium sulfate 5 g in sodium chloride 0.9% 250 mL infusion (Completed)**

Electronically signed by: **Stephen HARRIS on 18/07/21 16:10** Status: **Completed**  
 Ordering user: Stephen HARRIS 18/07/21 16:10 Ordering clinician: Stephen HARRIS  
 Authorised by: Stephen HARRIS Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 16:15 - 1 occurrence Class: Normal  
 Acknowledged: Marialuisa BAFUNNO 18/07/21 19:26 for Placing Order

**Mixture Ingredients**

Medication	Ordered Dose	Calculated Dose
magnesium sulfate	5 g	5 g
sodium chloride 0.9%	250 mL	250 mL

Package: MAGNESIUM SULFATE 50% INJECTION (4498011000001101), SODIUM CHLORIDE 0.9% INFUSION (4882511000001103)

**sodium bicarbonate 1.26% Polyfusor infusion (by volume) (Discontinued)**

Electronically signed by: **Livia GOTTARDI on 18/07/21 18:23** Status: **Discontinued**  
 Ordering user: Livia GOTTARDI 18/07/21 18:23 Ordering clinician: Livia GOTTARDI  
 Authorised by: Livia GOTTARDI Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 18:30 - 1 occurrence Class: Normal  
 Released by: Livia GOTTARDI 18/07/21 18:23 Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:55 [Patient Discharge]  
 Acknowledged: Marialuisa BAFUNNO 18/07/21 19:26 for Placing Order  
 Package: SODIUM BICARBONATE 1.26% INFUSION (4864411000001107)

**magnesium glycerophosphate chewable tablet 4 mmol (Discontinued)**

Electronically signed by: **Livia GOTTARDI on 18/07/21 18:23** Status: **Discontinued**  
 Ordering user: Livia GOTTARDI 18/07/21 18:23 Ordering clinician: Livia GOTTARDI  
 Authorised by: Livia GOTTARDI Ordering mode: Standard  
 PRN reasons: other  
 PRN Comment: hypomagnesemia  
 Frequency: Routine TDS PRN 18/07/21 18:23 - 23/07/21 05:55 Class: Normal

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Other Orders (group 2 of 3) (continued)**

Released by: Livia GOTTARDI 18/07/21 18:23

Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21  
05:55 [Patient Discharge]

Acknowledged: Marialuisa BAFUNNO 18/07/21 19:26 for Placing Order  
Admin instructions: If Serum Magnesium levels are:

A. >0.65  
No treatment required.

B. 0.5-0.65:  
If oral/enteral route is available, administer oral magnesium  
glycerophosphate 4mmol TDS PRN.  
If patient is NBM, administer IV magnesium sulfate 2.5g in NaCl 0.9% 250ml  
infusion.

C. < 0.5 without cardiac arrhythmias  
Administer IV magnesium sulfate 2.5g in NaCl 0.9% 250ml infusion.

D. < 0.5 with cardiac arrhythmias  
Administer IV magnesium sulfate 5g in NaCl 0.9% 250ml infusion.  
Package: MAGNESIUM GLYCEROPHOSPHATE 97.2MG (4MMOL) CHEWABLE TABLETS SUGAR-FREE  
(16598711000001104)

**fentaNYL 2500 micrograms/50mL (2.5mg/50mL) pre-filled syringe/vial (Discontinued)**

Electronically signed by: **Livia GOTTARDI on 18/07/21 18:23**

Status: **Discontinued**

Ordering user: Livia GOTTARDI 18/07/21 18:23

Ordering clinician: Livia GOTTARDI

Authorised by: Livia GOTTARDI

Ordering mode: Standard

Frequency: Routine Titrated 18/07/21 18:30 - 23/07/21 05:55

Class: Normal

Released by: Livia GOTTARDI 18/07/21 18:23

Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21  
05:55 [Patient Discharge]

Acknowledged: Marialuisa BAFUNNO 18/07/21 19:26 for Placing Order

Package: ULM - FENTANYL 2500MICROGAM/50ML INJECTION PRE-FILLED SYRINGE PACK OF 10

**magnesium sulfate 2.5 g in sodium chloride 0.9% 250 mL infusion (Discontinued)**

Electronically signed by: **Livia GOTTARDI on 18/07/21 18:23**

Status: **Discontinued**

Ordering user: Livia GOTTARDI 18/07/21 18:23

Ordering clinician: Livia GOTTARDI

Authorised by: Livia GOTTARDI

Ordering mode: Standard

PRN Comment: hypomagnesemia

Frequency: Routine PRN 18/07/21 18:23 - 23/07/21 05:55

Class: Normal

Released by: Livia GOTTARDI 18/07/21 18:23

Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21  
05:55 [Patient Discharge]

Acknowledged: Marialuisa BAFUNNO 18/07/21 19:26 for Placing Order

**Mixture Ingredients**

Medication	Ordered Dose	Calculated Dose
magnesium sulfate	2.5 g	2.5 g
sodium chloride 0.9%	250 mL	250 mL

Admin instructions: If Serum Magnesium levels are:

A. >0.65  
No treatment required.

B. 0.5-0.65:  
If oral/enteral route is available, administer oral magnesium  
glycerophosphate 4mmol TDS PRN.  
If patient is NBM, administer IV magnesium sulfate 2.5g in NaCl 0.9% 250ml  
infusion.

C. < 0.5 without cardiac arrhythmias  
Administer IV magnesium sulfate 2.5g in NaCl 0.9% 250ml infusion.

D. < 0.5 with cardiac arrhythmias  
Administer IV magnesium sulfate 5g in NaCl 0.9% 250ml infusion.  
Package: MAGNESIUM SULFATE 50% INJECTION (4498011000001101), SODIUM CHLORIDE 0.9% INFUSION  
(4882511000001103)

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Other Orders (group 2 of 3) (continued)**

**magnesium sulfate 5 g in sodium chloride 0.9% 250 mL infusion (Discontinued)**

Electronically signed by: **Livia GOTTARDI on 18/07/21 18:23** Status: **Discontinued**  
Ordering user: Livia GOTTARDI 18/07/21 18:23 Ordering clinician: Livia GOTTARDI  
Authorised by: Livia GOTTARDI Ordering mode: Standard  
PRN Comment: hypomagnesemia  
Frequency: Routine PRN 18/07/21 18:23 - 23/07/21 05:55 Class: Normal  
Released by: Livia GOTTARDI 18/07/21 18:23 Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:55 [Patient Discharge]

Acknowledged: Marialuisa BAFUNNO 18/07/21 19:26 for Placing Order

**Mixture Ingredients**

Medication	Ordered Dose	Calculated Dose
magnesium sulfate	5 g	5 g
sodium chloride 0.9%	250 mL	250 mL

Admin instructions: If Serum Magnesium levels are:

A. >0.65

No treatment required.

B. 0.5-0.65:

If oral/enteral route is available, administer oral magnesium glycerophosphate 4mmol TDS PRN.

If patient is NBM, administer IV magnesium sulfate 2.5g in NaCl 0.9% 250ml infusion.

C. < 0.5 without cardiac arrhythmias

Administer IV magnesium sulfate 2.5g in NaCl 0.9% 250ml infusion.

D. < 0.5 with cardiac arrhythmias

Administer IV magnesium sulfate 5g in NaCl 0.9% 250ml infusion.

Package: MAGNESIUM SULFATE 50% INJECTION (4498011000001101), SODIUM CHLORIDE 0.9% INFUSION (4882511000001103)

**fentaNYL 2500 micrograms/50mL (2.5mg/50mL) pre-filled syringe/vial (Discontinued)**

Electronically signed by: **Livia GOTTARDI on 18/07/21 18:23** Status: **Discontinued**  
Ordering user: Livia GOTTARDI 18/07/21 18:23 Ordering clinician: Livia GOTTARDI  
Authorised by: Livia GOTTARDI Ordering mode: Standard  
Frequency: Routine Titrated 18/07/21 18:30 - 23/07/21 05:55 Class: Normal  
Released by: Livia GOTTARDI 18/07/21 18:23 Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:55 [Patient Discharge]

Acknowledged: Marialuisa BAFUNNO 18/07/21 19:26 for Placing Order

Package: ULM - FENTANYL 2500MICROGAM/50ML INJECTION PRE-FILLED SYRINGE PACK OF 10

**sodium bicarbonate 1.26% Polyfusor infusion (by volume) (Discontinued)**

Electronically signed by: **Livia GOTTARDI on 18/07/21 18:23** Status: **Discontinued**  
Ordering user: Livia GOTTARDI 18/07/21 18:23 Ordering clinician: Livia GOTTARDI  
Authorised by: Livia GOTTARDI Ordering mode: Standard  
Frequency: Routine Once 18/07/21 18:30 - 1 occurrence Class: Normal  
Released by: Livia GOTTARDI 18/07/21 18:23 Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:55 [Patient Discharge]

Acknowledged: Marialuisa BAFUNNO 18/07/21 19:26 for Placing Order

Package: SODIUM BICARBONATE 1.26% INFUSION (4864411000001107)

**propofol 2% IV (Discontinued)**

Electronically signed by: **Livia GOTTARDI on 18/07/21 18:23** Status: **Discontinued**  
Ordering user: Livia GOTTARDI 18/07/21 18:23 Ordering clinician: Livia GOTTARDI  
Authorised by: Livia GOTTARDI Ordering mode: Standard  
Frequency: Routine Titrated 18/07/21 18:30 - 23/07/21 05:55 Class: Normal  
Released by: Livia GOTTARDI 18/07/21 18:23 Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:55 [Patient Discharge]

Acknowledged: Marialuisa BAFUNNO 18/07/21 19:26 for Placing Order

Package: PROPOFOL 1G/50ML (2%) INJECTION (EMULSION) (36084311000001105)

**mannitol 10 % infusion (Discontinued)**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Other Orders (group 2 of 3) (continued)**

Electronically signed by: **Livia GOTTARDI on 18/07/21 19:12** Status: **Discontinued**  
Ordering user: Livia GOTTARDI 18/07/21 19:12 Ordering clinician: Livia GOTTARDI  
Authorised by: Livia GOTTARDI Ordering mode: Standard  
Frequency: Routine Once 18/07/21 19:15 - 1 occurrence Class: Normal  
Discontinued by: Livia GOTTARDI 18/07/21 19:20  
Acknowledged: Marialuisa BAFUNNO 18/07/21 19:26 for Placing Order Marialuisa BAFUNNO 18/07/21 19:26 for D/C Order  
Package: MANNITOL 10% INFUSION (5054811000001105)

**mannitol 15% infusion 45 g (Completed)**

Electronically signed by: **Livia GOTTARDI on 18/07/21 19:20** Status: **Completed**  
Ordering user: Livia GOTTARDI 18/07/21 19:20 Ordering clinician: Livia GOTTARDI  
Authorised by: Livia GOTTARDI Ordering mode: Standard  
Frequency: Routine Once 18/07/21 19:30 - 1 occurrence Class: Normal  
Acknowledged: Marialuisa BAFUNNO 18/07/21 19:26 for Placing Order  
Admin instructions: Use in line filter. Flush with glucose (risk of precipitation with sodium chloride)  
Package: MANNITOL 15% INFUSION (32527311000001107)

**OMNIPAQUE 300 300 mg/mL injection 80 mL (Completed)**

Electronically signed by: **Christopher IWUAGWU on 18/07/21 20:38** Status: **Completed**  
Ordering user: Christopher IWUAGWU 18/07/21 20:38 Ordering clinician: Christopher IWUAGWU  
Authorised by: Livia GOTTARDI Ordering mode: Patient group direction (PGD)  
PRN reasons: contrast  
Frequency: Routine Once in imaging 18/07/21 20:38 - 1 occurrence Class: Normal  
Acknowledged: Raquel Soraia CASTRO RIBEIRO, RN 18/07/21 22:17 for Placing Order  
Package: OMNIPAQUE 300 INJECTION (9176711000001107)

**noradrenaline 8mg in glucose 5% 50 mL pre filled syringe (Discontinued)**

Electronically signed by: **Alasdair SUMMERS on 18/07/21 21:58** Status: **Discontinued**  
Ordering user: Alasdair SUMMERS 18/07/21 21:58 Ordering clinician: Alasdair SUMMERS  
Authorised by: Alasdair SUMMERS Ordering mode: Standard  
Frequency: Routine Titrated 18/07/21 22:00 - 23/07/21 05:55 Class: Normal  
Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:55 [Patient Discharge]  
Acknowledged: Raquel Soraia CASTRO RIBEIRO, RN 18/07/21 22:17 for Placing Order  
Admin instructions: This may be available as a pre-filled syringe or a ready to use vial.  
Package: ULM - NORADRENALINE 8MG IN 50ML GLUCOSE 5% PRE-FILLED SYRINGE

**potassium chloride 40mmol in sodium chloride 0.9% infusion 100 mL (Completed)**

Electronically signed by: **Alasdair SUMMERS on 18/07/21 22:06** Status: **Completed**  
Ordering user: Alasdair SUMMERS 18/07/21 22:06 Ordering clinician: Alasdair SUMMERS  
Authorised by: Alasdair SUMMERS Ordering mode: Standard  
Frequency: Routine Once 18/07/21 22:15 - 1 occurrence Class: Normal  
Acknowledged: Raquel Soraia CASTRO RIBEIRO, RN 18/07/21 22:17 for Placing Order  
Admin instructions: CENTRAL line ONLY  
Package: POTASSIUM CHLORIDE 40MMOL (3%) & SODIUM CHLORIDE 0.9% 100ML INFUSION

**sodium chloride 0.9% infusion (Discontinued)**

Electronically signed by: **Alasdair SUMMERS on 18/07/21 22:17** Status: **Discontinued**  
Ordering user: Alasdair SUMMERS 18/07/21 22:17 Ordering clinician: Alasdair SUMMERS  
Authorised by: Alasdair SUMMERS Ordering mode: Standard  
Frequency: Routine Continuous 18/07/21 22:30 - 23/07/21 05:55 Class: Normal  
Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:55 [Patient Discharge]  
Acknowledged: Raquel Soraia CASTRO RIBEIRO, RN 18/07/21 22:17 for Placing Order  
Package: SODIUM CHLORIDE 0.9% INFUSION (4885711000001104)

**enoxaparin pre-filled syringe 40 mg (Discontinued)**

Electronically signed by: **Alasdair SUMMERS on 18/07/21 22:19** Status: **Discontinued**  
Ordering user: Alasdair SUMMERS 18/07/21 22:19 Ordering clinician: Alasdair SUMMERS  
Authorised by: Alasdair SUMMERS Ordering mode: Standard  
Frequency: Routine Every evening SCH 18/07/21 22:30 - 23/07/21 05:55 Class: Normal  
Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:55 [Patient Discharge]

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Other Orders (group 2 of 3) (continued)**

Acknowledged: Raquel Soraia CASTRO RIBEIRO, RN 18/07/21 23:20 for Placing Order

**Questionnaire**

Question	Answer
Indication:	VTE thromboprophylaxis
Duration of therapy:	admission

Package: ENOXAPARIN SODIUM 40MG/0.4ML INJECTION (3825311000001106)

**compound sodium lactate (Hartmann's) infusion (Discontinued)**

Electronically signed by: **Alasdair SUMMERS on 18/07/21 23:43** Status: **Discontinued**

Ordering user: Alasdair SUMMERS 18/07/21 23:43 Ordering clinician: Declan CRILLY

Authorised by: Declan CRILLY Ordering mode: Standard

Frequency: Routine Continuous 18/07/21 23:45 - 23/07/21 Class: Normal

05:55

Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:55 [Patient Discharge]

Acknowledged: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 00:35 for Placing Order Zoie SIDAWAY 22/07/21 08:38 for Modifying Order

Package: SODIUM LACTATE COMPOUND INTRAVENOUS INFUSION (4900711000001101)

Status

Declan CRILLY 22/07/21 07:07 (Rate: 100 mL/hr to 25 mL/hr)

**Ordering & Authorising Clinician Audit Trail**

Date/Time	Ordering clinician	Authorising Clinician	User
22/07/21 07:07	Declan CRILLY	Declan CRILLY	Declan CRILLY
18/07/21 23:43	Alasdair SUMMERS	Alasdair SUMMERS	Alasdair SUMMERS

**desmopressin injection 1 micrograms (Discontinued)**

Electronically signed by: **Alasdair SUMMERS on 19/07/21 02:18** Status: **Discontinued**

Ordering user: Alasdair SUMMERS 19/07/21 02:18 Ordering clinician: Alasdair SUMMERS

Authorised by: Alasdair SUMMERS Ordering mode: Standard

Frequency: Routine Once 19/07/21 02:30 - 1 occurrence Class: Normal

Discontinued by: Alasdair SUMMERS 19/07/21 02:20

Acknowledged: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 04:43 for Placing Order Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 04:43 for D/C Order

Package: DESMOPRESSIN 4MICROGRAM/1ML INJECTION (3971411000001107)

**glucose 5% infusion (Discontinued)**

Electronically signed by: **Alasdair SUMMERS on 19/07/21 06:55** Status: **Discontinued**

Ordering user: Alasdair SUMMERS 19/07/21 06:55 Ordering clinician: Alasdair SUMMERS

Authorised by: Alasdair SUMMERS Ordering mode: Standard

Frequency: Routine Continuous 19/07/21 07:00 - 22/07/21 Class: Normal

06:56

Discontinued by: Declan CRILLY 22/07/21 06:56

Acknowledged: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 07:24 for Placing Order Zoie SIDAWAY 22/07/21 08:38 for D/C Order

Package: GLUCOSE 5% INFUSION (9322911000001103)

**Ordering & Authorising Clinician Audit Trail**

Date/Time	Ordering clinician	Authorising Clinician	User
22/07/21 06:56	Declan CRILLY	Declan CRILLY	Declan CRILLY
19/07/21 06:55	Alasdair SUMMERS	Alasdair SUMMERS	Alasdair SUMMERS

**desmopressin injection 1 micrograms (Completed)**

Electronically signed by: **Alasdair SUMMERS on 19/07/21 07:23** Status: **Completed**

Ordering user: Alasdair SUMMERS 19/07/21 07:23 Ordering clinician: Alasdair SUMMERS

Authorised by: Alasdair SUMMERS Ordering mode: Standard

Frequency: Routine Once 19/07/21 07:30 - 1 occurrence Class: Normal

Acknowledged: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 07:24 for Placing Order

Package: DESMOPRESSIN 4MICROGRAM/1ML INJECTION (3971411000001107)

**phosphate (as sodium glycerophosphate) 9 mmol in glucose 5% 250 mL infusion (Completed)**

Electronically signed by: **Alasdair SUMMERS on 19/07/21 07:24** Status: **Completed**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Other Orders (group 2 of 3) (continued)**

Ordering user: Alasdair SUMMERS 19/07/21 07:24      Ordering clinician: Alasdair SUMMERS  
Authorised by: Alasdair SUMMERS      Ordering mode: Standard  
Frequency: Routine Once 19/07/21 07:30 - 1 occurrence      Class: Normal  
Acknowledged: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 08:17 for Placing Order

**Mixture Ingredients**

Medication	Ordered Dose	Calculated Dose
phosphate (as sodium glycerophosphate)	9 mmol	9 mmol
glucose 5%	250 mL	250 mL

Admin instructions: If Serum Phosphate levels are:

A. >0.65

No treatment required.

B. 0.32 - 0.65

If oral/enteral route is available, administer oral Phosphate Sandoz 2 tablets TDS PRN.

If patient is NBM, consider IV phosphate infusion 9mmol over 12 hours.

C. < 0.32

Administer IV phosphate infusion 30-48mmol over 24 hours.

Package: SODIUM GLYCEROPHOSPHATE 4.32G/20ML (20MMOL PHOSPHATE/20ML) CONCENTRATE FOR SOLUTION FOR INFUSION (30948211000001103), GLUCOSE 5% INFUSION (9322911000001103)

**sodium acid phosphate (PHOSPHATE SANDOZ) effervescent tablet 2 tablet (Completed)**

Electronically signed by: **Alasdair SUMMERS on 19/07/21 07:24**      Status: **Completed**

Ordering user: Alasdair SUMMERS 19/07/21 07:24      Ordering clinician: Alasdair SUMMERS  
Authorised by: Alasdair SUMMERS      Ordering mode: Standard  
Frequency: Routine Once 19/07/21 07:30 - 1 occurrence      Class: Normal  
Acknowledged: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 08:17 for Placing Order  
Admin instructions: If Serum Phosphate levels are:

A. >0.65

No treatment required.

B. 0.32 - 0.65

If oral/enteral route is available, administer oral Phosphate Sandoz 2 tablets TDS PRN.

If patient is NBM, consider IV phosphate infusion 9mmol over 12 hours.

C. < 0.32

Administer IV phosphate infusion 30-48mmol over 24 hours.

Package: PHOSPHATE-SANDOZ EFFERVESCENT TABLET (3831011000001108)

**phosphate (as sodium glycerophosphate) 30 mmol in glucose 5% 500 mL infusion (Completed)**

Electronically signed by: **Alasdair SUMMERS on 19/07/21 07:24**      Status: **Completed**

Ordering user: Alasdair SUMMERS 19/07/21 07:24      Ordering clinician: Alasdair SUMMERS  
Authorised by: Alasdair SUMMERS      Ordering mode: Standard  
Frequency: Routine Once 19/07/21 07:30 - 1 occurrence      Class: Normal  
Acknowledged: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 08:17 for Placing Order

**Mixture Ingredients**

Medication	Ordered Dose	Calculated Dose
phosphate (as sodium glycerophosphate)	30 mmol	30 mmol
glucose 5%	500 mL	500 mL

Admin instructions: If Serum Phosphate levels are:

A. >0.65

No treatment required.

B. 0.32 - 0.65

If oral/enteral route is available, administer oral Phosphate Sandoz 2 tablets TDS PRN.

If patient is NBM, consider IV phosphate infusion 9mmol over 12 hours.

UNIVERSITY COLLEGE HOSPITAL CAMPUS  
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235 Euston Road  
London  
NW1 2BU

YOUNG, GAIA Inigo  
MRN: 21365083, DOB: 4/3/1996, Sex: F  
Adm: 17/7/2021, D/C: 23/7/2021

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Other Orders (group 2 of 3) (continued)**

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C. < 0.32

Administer IV phosphate infusion 30-48mmol over 24 hours.

Package: SODIUM GLYCEROPHOSPHATE 4.32G/20ML (20MMOL PHOSPHATE/20ML) CONCENTRATE FOR SOLUTION FOR INFUSION (30948211000001103), GLUCOSE 5% INFUSION (4857011000001100)

**phosphates 50 mmol/500mL Polyfusor infusion (by volume) (Completed)**

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Electronically signed by: **Alasdair SUMMERS on 19/07/21 07:32**

Status: **Completed**

Ordering user: Alasdair SUMMERS 19/07/21 07:32

Ordering clinician: Alasdair SUMMERS

Authorised by: Alasdair SUMMERS

Ordering mode: Standard

Frequency: Routine Once 19/07/21 07:45 - 1 occurrence

Class: Normal

Acknowledged: Raquel Soraia CASTRO RIBEIRO, RN 19/07/21 08:17 for Placing Order

Package: PHOSPHATES 50MMOL/500ML INTRAVENOUS INFUSION (10257311000001105)

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Other Orders (group 3 of 3)**

**Medication**

**compound sodium lactate (Hartmann's) infusion (by volume) 500 mL (Completed)**

Electronically signed by: **Livia GOTTARDI on 19/07/21 09:56** Status: **Completed**  
Ordering user: Livia GOTTARDI 19/07/21 09:56 Ordering clinician: Livia GOTTARDI  
Authorised by: Livia GOTTARDI Ordering mode: Standard  
Frequency: Routine Once 19/07/21 10:00 - 1 occurrence Class: Normal  
Acknowledged: Aishling HOPKINS, RN 19/07/21 11:00 for Placing Order  
Package: SODIUM LACTATE COMPOUND INTRAVENOUS INFUSION (4899711000001103)

**paracetamol tablet 1 g (Discontinued)**

Electronically signed by: **Livia GOTTARDI on 19/07/21 10:29** Status: **Discontinued**  
Ordering user: Livia GOTTARDI 19/07/21 10:29 Ordering clinician: Livia GOTTARDI  
Authorised by: Livia GOTTARDI Ordering mode: Standard  
PRN reasons: pain  
Frequency: Routine QDS PRN 19/07/21 10:28 - 23/07/21 Class: Normal  
05:55  
Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:55 [Patient Discharge]  
Acknowledged: Aishling HOPKINS, RN 19/07/21 11:00 for Placing Order  
Package: PARACETAMOL 500MG TABLETS (11256111000001100)

**paracetamol infusion 1,000 mg (Discontinued)**

Electronically signed by: **Livia GOTTARDI on 19/07/21 10:29** Status: **Discontinued**  
Ordering user: Livia GOTTARDI 19/07/21 10:29 Ordering clinician: Livia GOTTARDI  
Authorised by: Livia GOTTARDI Ordering mode: Standard  
PRN reasons: pain  
Frequency: Routine QDS PRN 19/07/21 10:28 - 23/07/21 Class: Normal  
05:55  
Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:55 [Patient Discharge]  
Acknowledged: Aishling HOPKINS, RN 19/07/21 11:00 for Placing Order  
Package: PARACETAMOL 1G/100ML SOLUTION FOR INFUSION (24409211000001101)

**lansoprazole gastro-resistant capsule 30 mg (Discontinued)**

Electronically signed by: **Livia GOTTARDI on 19/07/21 10:38** Status: **Discontinued**  
Ordering user: Livia GOTTARDI 19/07/21 10:38 Ordering clinician: Livia GOTTARDI  
Authorised by: Livia GOTTARDI Ordering mode: Standard  
Frequency: Routine Daily 19/07/21 10:45 - 23/07/21 05:55 Class: Normal  
Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:55 [Patient Discharge]  
Acknowledged: Aishling HOPKINS, RN 19/07/21 11:00 for Placing Order  
Admin instructions: Do not crush or chew.  
Package: LANSOPRAZOLE 30MG CAPSULES OF ENTERIC COATED GRANULES (1313811000001102)

**potassium chloride 40mmol in sodium chloride 0.9% infusion 100 mL (Completed)**

Electronically signed by: **Livia GOTTARDI on 19/07/21 10:38** Status: **Completed**  
Ordering user: Livia GOTTARDI 19/07/21 10:38 Ordering clinician: Livia GOTTARDI  
Authorised by: Livia GOTTARDI Ordering mode: Standard  
Frequency: Routine Once 19/07/21 10:45 - 1 occurrence Class: Normal  
Acknowledged: Aishling HOPKINS, RN 19/07/21 11:00 for Placing Order  
Admin instructions: CENTRAL line ONLY  
Package: POTASSIUM CHLORIDE 40MMOL (3%) & SODIUM CHLORIDE 0.9% 100ML INFUSION

**glucose tablet 3-5 tablet (Discontinued)**

Electronically signed by: **Livia GOTTARDI on 19/07/21 10:38** Status: **Discontinued**  
Ordering user: Livia GOTTARDI 19/07/21 10:38 Ordering clinician: Livia GOTTARDI  
Authorised by: Livia GOTTARDI Ordering mode: Standard  
PRN reasons: low blood sugar  
Frequency: Routine Every 10 mins PRN 19/07/21 10:37 - Class: Normal  
23/07/21 05:55  
Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:55 [Patient Discharge]  
Acknowledged: Aishling HOPKINS, RN 19/07/21 11:00 for Placing Order  
Admin instructions: Give if CBG less than 4mmol/L and showing signs of mild hypoglycaemia  
1 tablet = 4g glucose

**glucose (GLUCOJUICE) oral liquid 60 mL (Discontinued)**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Other Orders (group 3 of 3) (continued)**

Electronically signed by: **Livia GOTTARDI on 19/07/21 10:38** Status: **Discontinued**  
Ordering user: Livia GOTTARDI 19/07/21 10:38 Ordering clinician: Livia GOTTARDI  
Authorised by: Livia GOTTARDI Ordering mode: Standard  
PRN reasons: low blood sugar  
Frequency: Routine Every 10 mins PRN 19/07/21 10:37 - 23/07/21 05:55 Class: Normal  
Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:55 [Patient Discharge]  
Acknowledged: Aishling HOPKINS, RN 19/07/21 11:00 for Placing Order  
Admin instructions: Give if CBG less than 4mmol/L and showing signs of mild hypoglycaemia  
One 60mL bottle = 15g glucose

**glucose 40% oral gel 1-2 Tube (Discontinued)**

Electronically signed by: **Livia GOTTARDI on 19/07/21 10:38** Status: **Discontinued**  
Ordering user: Livia GOTTARDI 19/07/21 10:38 Ordering clinician: Livia GOTTARDI  
Authorised by: Livia GOTTARDI Ordering mode: Standard  
PRN reasons: low blood sugar  
Frequency: Routine Every 10 mins PRN 19/07/21 10:37 - 23/07/21 05:55 Class: Normal  
Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:55 [Patient Discharge]  
Acknowledged: Aishling HOPKINS, RN 19/07/21 11:00 for Placing Order  
Admin instructions: One 25g tube contains 10g glucose. Give 1-2 tubes if CBG less than 4 mmol/L and showing signs of moderate hypoglycaemia  
Gently massage into the inside cheek to aid absorption  
Package: GLUCOSE 40% ORAL GEL (10980511000001107)

**glucose 20% infusion (by volume) 75-100 mL (Discontinued)**

Electronically signed by: **Livia GOTTARDI on 19/07/21 10:38** Status: **Discontinued**  
Ordering user: Livia GOTTARDI 19/07/21 10:38 Ordering clinician: Livia GOTTARDI  
Authorised by: Livia GOTTARDI Ordering mode: Standard  
PRN reasons: low blood sugar  
Frequency: Routine PRN 19/07/21 10:37 - 23/07/21 05:55 Class: Normal  
Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:55 [Patient Discharge]  
Acknowledged: Aishling HOPKINS, RN 19/07/21 11:00 for Placing Order  
Admin instructions: First line if CBG less than 4mmol/L and showing signs of severe hypoglycaemia. Give for mild/moderate hypoglycaemia if NBM/unable to swallow. CAUTION PHLEBITIS RISK - always flush immediately after administration with sodium chloride 0.9%. Give via central line if available  
Package: GLUCOSE 20% INFUSION (4690311000001102)

**glucagon injection 1 mg (Discontinued)**

Electronically signed by: **Livia GOTTARDI on 19/07/21 10:38** Status: **Discontinued**  
Ordering user: Livia GOTTARDI 19/07/21 10:38 Ordering clinician: Livia GOTTARDI  
Authorised by: Livia GOTTARDI Ordering mode: Standard  
PRN reasons: low blood sugar  
Frequency: Routine Once PRN 19/07/21 10:37 - 1 occurrence Class: Normal  
Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:55 [Patient Discharge]  
Acknowledged: Aishling HOPKINS, RN 19/07/21 11:00 for Placing Order  
Admin instructions: Second line if no IV access, CBG less than 4mmol/L and showing signs of severe hypoglycaemia. May also be given for moderate hypoglycaemia if NBM/unable to swallow  
Package: GLUCAGON NOVO 1MG INJECTION

**glucose 10% infusion (by volume) 150-200 mL (Discontinued)**

Electronically signed by: **Livia GOTTARDI on 19/07/21 10:38** Status: **Discontinued**  
Ordering user: Livia GOTTARDI 19/07/21 10:38 Ordering clinician: Livia GOTTARDI  
Authorised by: Livia GOTTARDI Ordering mode: Standard  
PRN reasons: low blood sugar  
Frequency: Routine PRN 19/07/21 10:37 - 23/07/21 05:55 Class: Normal  
Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:55 [Patient Discharge]  
Acknowledged: Aishling HOPKINS, RN 19/07/21 11:00 for Placing Order  
Admin instructions: Consider giving after administration of glucose 20%/glucagon. Give at 100mL/hour until blood glucose stable or if patient remains NBM  
Package: GLUCOSE 10% INFUSION (4687311000001102)

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Other Orders (group 3 of 3) (continued)**

**insulin short acting (ACTRAPID) 50 Units in sodium chloride 0.9% 50 mL infusion (Discontinued)**

Electronically signed by: **Livia GOTTARDI on 19/07/21 10:38** Status: **Discontinued**  
Ordering user: Livia GOTTARDI 19/07/21 10:38 Ordering clinician: Livia GOTTARDI  
Authorised by: Livia GOTTARDI Ordering mode: Standard  
Frequency: Routine Titrated 19/07/21 10:45 - 23/07/21 05:55 Class: Normal  
Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:55 [Patient Discharge]  
Acknowledged: Aishling HOPKINS, RN 19/07/21 11:00 for Placing Order

**Questionnaire**

Question	Answer
Blood glucose 0 - 3.5	Stop, call doctor and re-check in 20 mins
Blood glucose 3.6 - 4	infuse at 0.5 mL/hr
Blood glucose 4.1 - 7	infuse at 1 mL/hr
Blood glucose 7.1 - 10	infuse at 2 mL/hr
Blood glucose 10.1 - 14	infuse at 3 mL/hr
Blood glucose 14.1 - 19	infuse at 4 mL/hr
Blood glucose 19.1 - 28	infuse at 6 mL/hr
Blood glucose 28.1 or above	infuse at 7 mL/hr and call doctor

**Mixture Ingredients**

Medication	Ordered Dose	Calculated Dose
insulin short acting (ACTRAPID)	50 Units	50 Units
sodium chloride 0.9%	49.5 mL	49.5 mL

Package: ACTRAPID VIAL 100UNIT/ML INJECTION SOLUTION (3312211000001102), SODIUM CHLORIDE 0.9% INJECTION (1188511000001103)

**potassium chloride 20mmol in glucose 10% infusion 500 mL (Discontinued)**

Electronically signed by: **Livia GOTTARDI on 19/07/21 10:38** Status: **Discontinued**  
Ordering user: Livia GOTTARDI 19/07/21 10:38 Ordering clinician: Livia GOTTARDI  
Authorised by: Livia GOTTARDI Ordering mode: Standard  
Frequency: Routine Once 19/07/21 10:45 - 1 occurrence Class: Normal  
Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:55 [Patient Discharge]  
Acknowledged: Aishling HOPKINS, RN 19/07/21 11:00 for Placing Order  
Package: GLUCOSE 10% & POTASSIUM CHLORIDE 0.3% (HRI) INFUSION

**potassium chloride 20mmol in glucose 10% infusion 500 mL (Discontinued)**

Electronically signed by: **Livia GOTTARDI on 19/07/21 10:38** Status: **Discontinued**  
Ordering user: Livia GOTTARDI 19/07/21 10:38 Ordering clinician: Livia GOTTARDI  
Authorised by: Livia GOTTARDI Ordering mode: Standard  
Frequency: Routine Once 19/07/21 10:45 - 1 occurrence Class: Normal  
Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:55 [Patient Discharge]  
Acknowledged: Aishling HOPKINS, RN 19/07/21 11:00 for Placing Order  
Package: GLUCOSE 10% & POTASSIUM CHLORIDE 0.3% (HRI) INFUSION

**potassium chloride 40mmol in sodium chloride 0.9% infusion 100 mL (Discontinued)**

Electronically signed by: **Livia GOTTARDI on 19/07/21 10:53** Status: **Discontinued**  
Ordering user: Livia GOTTARDI 19/07/21 10:53 Ordering clinician: Livia GOTTARDI  
Authorised by: Livia GOTTARDI Ordering mode: Standard  
PRN Comment: K <4.5  
Frequency: Routine PRN 19/07/21 10:52 - 23/07/21 05:55 Class: Normal  
Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:55 [Patient Discharge]  
Acknowledged: Aishling HOPKINS, RN 19/07/21 11:00 for Placing Order  
Admin instructions: CENTRAL line ONLY  
Package: POTASSIUM CHLORIDE 40MMOL (3%) & SODIUM CHLORIDE 0.9% 100ML INFUSION

**Osmolite HP 1,320 mL (Discontinued)**

Electronically signed by: **Naomi RONAN on 19/07/21 16:45** Status: **Discontinued (Cosignature Pending)**  
Ordering user: Naomi RONAN 19/07/21 16:45 Ordering clinician: Naomi RONAN  
Authorised by: Naomi RONAN Ordering mode: Standard: no cosign required  
Cosigning events  
Awaiting signature from Naomi RONAN for Ordering

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Other Orders (group 3 of 3) (continued)**

Frequency: Routine Daily 19/07/21 17:00 - 20/07/21 02:22 Class: Normal  
Discontinued by: Rebecca MCMILLAN 20/07/21 02:22  
Acknowledged: Esther RODRIGUEZ MARTINEZ, RN 19/07/21 17:49 for Placing Order Valeria BOCCANERA, RN 20/07/21 08:38 for D/C Order  
Admin instructions: INCREASE BY 10ML/HR EVERY 8HOURS  
TARGET 55ML/HR OVER 24HOURS

**Ordering & Authorising Clinician Audit Trail**

Date/Time	Ordering clinician	Authorising Clinician	User
20/07/21 02:22	Rebecca MCMILLAN	Rebecca MCMILLAN	Rebecca MCMILLAN
19/07/21 16:45	Naomi RONAN	Naomi RONAN	Naomi RONAN

**desmopressin injection 1 micrograms (Completed)**

Electronically signed by: **Rebecca MCMILLAN on 20/07/21 02:21** Status: **Completed**  
Ordering user: Rebecca MCMILLAN 20/07/21 02:21 Ordering clinician: Rebecca MCMILLAN  
Authorised by: Rebecca MCMILLAN Ordering mode: Standard  
Frequency: Routine Once 20/07/21 02:30 - 1 occurrence Class: Normal  
Acknowledged: Valeria BOCCANERA, RN 20/07/21 08:38 for Placing Order  
Package: DESMOPRESSIN 4MICROGRAM/1ML INJECTION (3971411000001107)  
Reordered from: desmopressin injection 1 micrograms

**Nepro HP 1 Bottle (Discontinued)**

Electronically signed by: **Rebecca MCMILLAN on 20/07/21 02:22** Status: **Discontinued (Cosignature Pending)**  
Ordering user: Rebecca MCMILLAN 20/07/21 02:22 Ordering clinician: Rebecca MCMILLAN  
Authorised by: Rebecca MCMILLAN Ordering mode: Standard  
Cosigning events  
Awaiting signature from Rebecca MCMILLAN for Discontinuing  
Frequency: Routine Daily 20/07/21 08:00 - 20/07/21 14:14 Class: Normal  
Discontinued by: Carolyn FURNESS 20/07/21 14:14  
Acknowledged: Valeria BOCCANERA, RN 20/07/21 08:38 for Placing Order Hannah NYBERG, RN 20/07/21 22:01 for D/C Order

**Ordering & Authorising Clinician Audit Trail**

Date/Time	Ordering clinician	Authorising Clinician	User
20/07/21 14:14	Carolyn FURNESS	Reecha SOFAT	Carolyn FURNESS
20/07/21 02:22	Rebecca MCMILLAN	Rebecca MCMILLAN	Rebecca MCMILLAN

**sodium acid phosphate (PHOSPHATE SANDOZ) effervescent tablet 2 tablet (Completed)**

Electronically signed by: **Rebecca MCMILLAN on 20/07/21 07:44** Status: **Completed**  
Ordering user: Rebecca MCMILLAN 20/07/21 07:44 Ordering clinician: Rebecca MCMILLAN  
Authorised by: Rebecca MCMILLAN Ordering mode: Standard  
Frequency: Routine Once 20/07/21 07:45 - 1 occurrence Class: Normal  
Acknowledged: Valeria BOCCANERA, RN 20/07/21 08:38 for Placing Order  
Admin instructions: If Serum Phosphate levels are:

- A. >0.65  
No treatment required.
- B. 0.32 - 0.65  
If oral/enteral route is available, administer oral Phosphate Sandoz 2 tablets TDS PRN.  
If patient is NBM, consider IV phosphate infusion 9mmol over 12 hours.
- C. < 0.32  
Administer IV phosphate infusion 30-48mmol over 24 hours.  
Package: PHOSPHATE-SANDOZ EFFERVESCENT TABLET (3831011000001108)

**compound sodium lactate (Hartmann's) infusion (by volume) 500 mL (Completed)**

Electronically signed by: **Livia GOTTARDI on 20/07/21 09:29** Status: **Completed**  
Ordering user: Livia GOTTARDI 20/07/21 09:29 Ordering clinician: Livia GOTTARDI  
Authorised by: Livia GOTTARDI Ordering mode: Standard  
Frequency: Routine Once 20/07/21 09:30 - 1 occurrence Class: Normal

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Other Orders (group 3 of 3) (continued)**

Acknowledged: Geraldine LOZADA, RN 20/07/21 11:58 for Placing Order  
Package: SODIUM LACTATE COMPOUND INTRAVENOUS INFUSION (4899711000001103)

**Nepro HP 3.6 Bottle (Discontinued)**

Electronically signed by: **Carolyn FURNESS on 20/07/21 14:14** Status: **Discontinued (Cosignature Pending)**

Ordering user: Carolyn FURNESS 20/07/21 14:14      Ordering clinician: Carolyn FURNESS  
Authorised by: Reecha SOFAT      Ordering mode: Standard: no cosign required  
Cosigning events  
Awaiting signature from Reecha SOFAT for Ordering  
Frequency: Routine Daily 20/07/21 14:15 - 23/07/21 05:55      Class: Normal  
Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:55 [Patient Discharge]  
Acknowledged: Hannah NYBERG, RN 20/07/21 22:01 for Placing Order  
Admin instructions: 792mls@ 33mls hour for 24 hours

**PROHANCE injection 10 mL (Discontinued)**

Electronically signed by: **Emmanuel UDOFIA on 20/07/21 18:11** Status: **Discontinued**

Ordering user: Emmanuel UDOFIA 20/07/21 18:11      Ordering clinician: Livia GOTTARDI  
Authorised by: Livia GOTTARDI      Ordering mode: Patient group direction (PGD)  
PRN reasons: contrast  
Frequency: Routine Once in imaging 20/07/21 18:11 - 1      Class: Normal  
occurrence  
Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:55 [Patient Discharge]  
Acknowledged: Hannah NYBERG, RN 20/07/21 22:01 for Placing Order

**desmopressin injection 0.4 micrograms (Discontinued)**

Electronically signed by: **Rebecca MCMILLAN on 20/07/21 21:41** Status: **Discontinued**

Ordering user: Rebecca MCMILLAN 20/07/21 21:41      Ordering clinician: Rebecca MCMILLAN  
Authorised by: Rebecca MCMILLAN      Ordering mode: Standard  
Frequency: Routine Once 20/07/21 21:45 - 1 occurrence      Class: Normal  
Discontinued by: Rebecca MCMILLAN 20/07/21 22:17  
Acknowledged: Hannah NYBERG, RN 20/07/21 22:01 for Placing Order Zoie SIDAWAY 21/07/21 08:40 for D/C Order  
Package: DESMOPRESSIN 4MICROGRAM/1ML INJECTION (3971411000001107)

**desmopressin injection 0.4 micrograms (Completed)**

Electronically signed by: **Rebecca MCMILLAN on 20/07/21 22:17** Status: **Completed**

Ordering user: Rebecca MCMILLAN 20/07/21 22:17      Ordering clinician: Rebecca MCMILLAN  
Authorised by: Rebecca MCMILLAN      Ordering mode: Standard  
Frequency: Routine Once 20/07/21 22:30 - 1 occurrence      Class: Normal  
Acknowledged: Zoie SIDAWAY 21/07/21 08:40 for Placing Order  
Package: DESMOPRESSIN 4MICROGRAM/1ML INJECTION (3971411000001107)

**phosphates 50 mmol/500mL Polyfusor infusion (by volume) (Completed)**

Electronically signed by: **Rebecca MCMILLAN on 21/07/21 01:52** Status: **Completed**

Ordering user: Rebecca MCMILLAN 21/07/21 01:52      Ordering clinician: Rebecca MCMILLAN  
Authorised by: Rebecca MCMILLAN      Ordering mode: Standard  
Frequency: Routine Once 21/07/21 02:00 - 1 occurrence      Class: Normal  
Acknowledged: Zoie SIDAWAY 21/07/21 08:40 for Placing Order  
Package: PHOSPHATES 50MMOL/500ML INTRAVENOUS INFUSION (10257311000001105)

**desmopressin 0.4 micrograms in sodium chloride 0.9% 50 mL infusion (Completed)**

Electronically signed by: **Lydia WEISS on 21/07/21 13:30** Status: **Completed**

Ordering user: Lydia WEISS 21/07/21 13:30      Ordering clinician: Lydia WEISS  
Authorised by: Lydia WEISS      Ordering mode: Standard  
Frequency: Routine Once 21/07/21 10:45 - 1 occurrence      Class: Normal  
Acknowledged: Zoie SIDAWAY 21/07/21 14:00 for Placing Order

**Mixture Ingredients**

Medication	Ordered Dose	Calculated Dose
desmopressin	0.4 micrograms	0.4 micrograms
sodium chloride 0.9%	50 mL	50 mL

Package: DESMOPRESSIN 4MICROGRAM/1ML INJECTION (3971411000001107), SODIUM CHLORIDE 0.9% INFUSION

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Other Orders (group 3 of 3) (continued)**

**methylPREDNISolone sodium succinate (SOLU-Medrone) 825 mg in sodium chloride 0.9% 100 mL infusion (Discontinued)**

Electronically signed by: **Declan CRILLY on 21/07/21 22:07** Status: **Discontinued**  
 Ordering user: Declan CRILLY 21/07/21 22:07 Ordering clinician: Declan CRILLY  
 Authorised by: Declan CRILLY Ordering mode: Standard  
 Frequency: Routine Every 12 hrs 21/07/21 22:15 - 22/07/21 10:08 Class: Normal  
 Discontinued by: Panagiota SCEALES 22/07/21 10:08  
 Acknowledged: Zoie SIDAWAY 22/07/21 08:38 for Placing Order Zoie SIDAWAY 22/07/21 10:58 for D/C Order

**Mixture Ingredients**

Medication	Ordered Dose	Calculated Dose
methylPREDNISolone sodium succinate (SOLU-Medrone)	825 mg	825 mg
sodium chloride 0.9%	100 mL	100 mL

Package: METHYLPREDNISOLONE 1G POWDER FOR SOLUTION FOR INJECTION (4180011000001100), SODIUM CHLORIDE 0.9% INFUSION

**Ordering & Authorising Clinician Audit Trail**

Date/Time	Ordering clinician	Authorising Clinician	User
22/07/21 10:08	Panagiota SCEALES	Panagiota SCEALES	Panagiota SCEALES
21/07/21 22:07	Declan CRILLY	Declan CRILLY	Declan CRILLY

**phosphates 50 mmol/500mL Polyfusor infusion (by volume) (Discontinued)**

Electronically signed by: **Declan CRILLY on 22/07/21 04:15** Status: **Discontinued**  
 Ordering user: Declan CRILLY 22/07/21 04:15 Ordering clinician: Declan CRILLY  
 Authorised by: Declan CRILLY Ordering mode: Standard  
 Frequency: Routine Once 22/07/21 04:30 - 1 occurrence Class: Normal  
 Discontinued by: Declan CRILLY 22/07/21 04:48  
 Acknowledged: Zoie SIDAWAY 22/07/21 08:38 for Placing Order Zoie SIDAWAY 22/07/21 08:38 for D/C Order  
 Package: PHOSPHATES 50MMOL/500ML INTRAVENOUS INFUSION (10257311000001105)

**phosphates 50 mmol/500mL Polyfusor infusion (by volume) (Completed)**

Electronically signed by: **Declan CRILLY on 22/07/21 04:48** Status: **Completed**  
 Ordering user: Declan CRILLY 22/07/21 04:48 Ordering clinician: Declan CRILLY  
 Authorised by: Declan CRILLY Ordering mode: Standard  
 Frequency: Routine Once 22/07/21 05:00 - 1 occurrence Class: Normal  
 Acknowledged: Zoie SIDAWAY 22/07/21 08:38 for Placing Order  
 Package: PHOSPHATES 50MMOL/500ML INTRAVENOUS INFUSION (10257311000001105)

**terlipressin 1 mg/8.5ml continuous infusion (Discontinued)**

Electronically signed by: **Panagiota SCEALES on 22/07/21 10:08** Status: **Discontinued**  
 Ordering user: Panagiota SCEALES 22/07/21 10:08 Ordering clinician: Panagiota SCEALES  
 Authorised by: Panagiota SCEALES Ordering mode: Standard  
 Frequency: Routine Titrated 22/07/21 10:15 - 23/07/21 05:55 Class: Normal  
 Discontinued by: Automatic DISCHARGE PROVIDER 23/07/21 05:55 [Patient Discharge]  
 Acknowledged: Zoie SIDAWAY 22/07/21 10:58 for Placing Order

**Nursing**

**POCT Venous Blood Gas (Completed)**

Electronically signed by: **Mahmood SOOMRO, Specialty Grade Doctor of Emergency Medicine on 18/07/21 00:09** Status: **Completed**  
 Ordering user: Mahmood SOOMRO, Specialty Grade Doctor of Emergency Medicine 18/07/21 00:09 Ordering clinician: Mahmood SOOMRO, Specialty Grade Doctor of Emergency Medicine  
 Authorised by: Timothy BARUAH Ordering mode: Standard  
 Frequency: Urgent Once 18/07/21 00:10 - 1 occurrence Class: Hospital Performed  
 Quantity: 1 Instance released by: Mahmood SOOMRO, Specialty Grade Doctor of Emergency Medicine (auto-released) 18/7/2021 00:09

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	Blood, Venous	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Other Orders (group 3 of 3) (continued)**

**POCT Venous Blood Gas - includes POCT Urea/Creatinine (Completed)**

Electronically signed by: **Zoe VEARY on 18/07/21 01:20** Status: **Completed**  
 Ordering user: Zoe VEARY 18/07/21 01:20 Ordering clinician: Zoe VEARY  
 Authorised by: Ravi DASAN Ordering mode: Standard  
 Frequency: Urgent Once 18/07/21 01:20 - 1 occurrence Class: Hospital Performed  
 Quantity: 1 Instance released by: Zoe VEARY (auto-released) 18/07/2021 01:20

**Specimen Information**

ID	Type	Source	Collected By
—	Blood	Blood, Venous	—

**Resus Status**

**DNACPR (Cancel Pend)**

Electronically signed by: **Stephen HARRIS on 18/07/21 22:31** Status: **Cancel Pend**  
 Ordering user: Stephen HARRIS 18/07/21 22:31 Ordering clinician: Stephen HARRIS  
 Authorised by: Stephen HARRIS Class: Hospital Performed  
 Frequency: Routine Continuous 18/07/21 22:26 - Until Specified  
 Quantity: 1 Resuscitation status: DNACPR  
 Pended by: Stephen HARRIS 18/07/21 22:31 Cancelled by: Stephen HARRIS [Expired]

**Questionnaire**

Question	Answer
Does the patient have capacity to make and communicate decisions about CPR?	No
Are you aware of valid Advance Decision to Refuse Treatment (ADRT) which is relevant to the current condition?	No
Are all decisions made in the patient's best interest and comply with current law?	Yes
Summary of the main clinical problems and reasons why CPR would be inappropriate, unsuccessful or not in the patient's best interests:	She has no arterial flow to her brain. Cardio-respiratory arrest is inevitable and will be part of her dying process
Summary of communication with patient (or Legal Power of Attorney Healthcare). If this decision has not been discussed with the patient or Lasting Power of Attorney Healthcare state the reason why?	N/A
Summary of communication with patient's relatives or friends:	Explained to family that she is actively dying (see note)
SpR or consultant completing this DNA order	HARRIS, STEPHEN
Has the patient appointed a Lasting Power of Attorney Healthcare to make decisions on their behalf?	No
Names of members of multidisciplinary team contributing to this decision:	HARRIS, STEPHEN
Name of responsible consultant:	HARRIS, STEPHEN
Responsible consultant aware of this DNACPR order?	Yes
Decision communicated to nurse in charge	Yes
Name of Nurse in Charge	Rechad
Review date	Indefinite

**Flowsheets (group 1 of 3)**

**Acute Inpatient Needs Assessment**

Row Name	22/07/21 09:04	22/07/21 02:17	21/07/21 15:00	20/07/21 14:08	20/07/21 14:02
Why is this patient in an acute hospital bed?	Requiring ITU or HDU care -ZS at 22/07/21 09:04	Requiring ITU or HDU care;NEWS2 >/ equal to 3 (unless AF &/or COPD);Oxygen	NEWS2 >/ equal to 3 (unless AF &/or COPD);Requiring ITU or HDU	NEWS2 >/ equal to 3 (unless AF &/or COPD);Requiring ITU or HDU	NEWS2 >/ equal to 3 (unless AF &/or COPD);Requiring ITU or HDU

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

		therapy/ NIV (Treatment);Intravenous fluids;IV medication > b.d. -RC at 22/07/21 02:18	care;Oxygen therapy/ NIV (Treatment);Intravenous fluids;IV medication > b.d.;Diminished level of consciousness where recovery realistic;Acute impairment in excess of home/community care provision;Last hours of life -ZS at 21/07/21 15:06	care;Oxygen therapy/ NIV (Treatment);Intravenous fluids;IV medication > b.d. -RC at 20/07/21 14:08	care;Oxygen therapy/ NIV (Treatment);Intravenous fluids;IV medication > b.d.;An invasive procedure within 24hrs -AA at 20/07/21 14:03
Meets criteria to reside:	YES -ZS at 22/07/21 09:04	YES -RC at 22/07/21 02:18	YES -ZS at 21/07/21 15:06	YES -RC at 20/07/21 14:08	YES -AA at 20/07/21 14:02
What is the primary reason this patient is in an acute hospital bed?	Physiology -ZS at 22/07/21 09:04	Physiology -RC at 22/07/21 02:18	Treatment -ZS at 21/07/21 15:06	Treatment -RC at 20/07/21 14:08	Physiology -AA at 20/07/21 14:02
<b>Row Name</b>	<b>19/07/21 13:03</b>	<b>18/07/21 15:24</b>			
Why is this patient in an acute hospital bed?	Requiring ITU or HDU care -CM at 19/07/21 13:03	IV medication > b.d. -EM at 18/07/21 15:24			
Meets criteria to reside:	YES -CM at 19/07/21 13:03	YES -EM at 18/07/21 15:24			
What is the primary reason this patient is in an acute hospital bed?	Physiology -CM at 19/07/21 13:03	Treatment -EM at 18/07/21 15:24			

**Anthropometrics**

<b>Row Name</b>	<b>22/07/21 11:05</b>
Weight Change	0 -MC at 22/07/21 11:45

**Critical Care Obs**

Row Name	22/07/21 13:00	22/07/21 12:00	22/07/21 11:05	22/07/21 11:04	22/07/21 11:00
ETT Properties	Placement Date: 18/07/21 -RCA, 19/07/21 01:16 Placement Time: 16:00 -RCA, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RCA, 19/07/21 01:16 Cuffed: Yes -RCA, 19/07/21 01:16 Location: Oral -RCA, 19/07/21 01:16 Grade View: Full view of the glottis -RCA, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RCA, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
FiO2 (%)	30 % -ZS at 22/07/21 17:38	30 % -ZS at 22/07/21 17:38	—	—	30 % -ZS at 22/07/21 11:09
O2 delivery device	Endotracheal tube -ZS at 22/07/21 17:38	Endotracheal tube -ZS at 22/07/21 17:38	—	—	Endotracheal tube -ZS at 22/07/21 11:09
SpO2	99 % -ZS at 22/07/21 17:36	99 % -ZS at 22/07/21 17:36	—	—	96 % -ZS at 22/07/21 11:08
Resp	14 -ZS at 22/07/21 17:38	14 -ZS at 22/07/21 17:38	14 -ZS at 22/07/21 11:09	—	16 -ZS at 22/07/21 11:09
ETCO2 (kPa)	4.2 kPa -ZS at 22/07/21 17:36	4.4 kPa -ZS at 22/07/21 17:36	—	—	4.5 kPa -ZS at 22/07/21 11:08
Device Name	Servo-u -ZS at 22/07/21 17:38	Servo-u -ZS at 22/07/21 17:38	—	—	Servo-u -ZS at 22/07/21 11:09
Vent Mode	Synchronised intermittent mandatory ventilation/pressure	Synchronised intermittent mandatory ventilation/pressure	—	—	Synchronised intermittent mandatory ventilation/pressure

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

	control -ZS at 22/07/21 17:38	control -ZS at 22/07/21 17:38			control -ZS at 22/07/21 11:09
Resp Rate (Set)	14 -ZS at 22/07/21 17:38	14 -ZS at 22/07/21 17:38	—	—	16 -ZS at 22/07/21 11:09
Resp Rate Observed	14 -ZS at 22/07/21 17:38	14 -ZS at 22/07/21 17:38	—	—	16 -ZS at 22/07/21 11:09
PEEP achieved (cmH2O)	4.7 cm H2O -ZS at 22/07/21 17:36	4.9 cm H2O -ZS at 22/07/21 17:36	—	—	4.9 cm H2O -ZS at 22/07/21 11:08
PEEP/CPAP set (cmH2O)	5 cmH2O -ZS at 22/07/21 17:36	5 cmH2O -ZS at 22/07/21 17:36	—	—	5 cmH2O -ZS at 22/07/21 11:08
Pressure Support (cm H2O)	10 cm H2O -ZS at 22/07/21 17:36	10 cm H2O -ZS at 22/07/21 17:36	—	—	10 cm H2O -ZS at 22/07/21 11:08
PC Set	12 -ZS at 22/07/21 17:36	12 -ZS at 22/07/21 17:36	—	—	12 -ZS at 22/07/21 11:08
Tidal Volume achieved (ml)	439.8 mL -ZS at 22/07/21 17:36	449.6 mL -ZS at 22/07/21 17:36	—	—	452.6 mL -ZS at 22/07/21 11:08
Vt ml/kg	8 ml/kg -ZS at 22/07/21 17:36	8.2 ml/kg -ZS at 22/07/21 17:36	—	—	8.2 ml/kg -ZS at 22/07/21 11:08
Minute Ventilation (L/min)	6.2 L/min -ZS at 22/07/21 17:36	6.3 L/min -ZS at 22/07/21 17:36	—	—	7.3 L/min -ZS at 22/07/21 11:08
Ppeak (cm H2O)	17 cm H2O -ZS at 22/07/21 17:38	17 cm H2O -ZS at 22/07/21 17:38	—	—	17 cm H2O -ZS at 22/07/21 11:09
Pmean MAP (cmH2O)	7.5 cm H2O -ZS at 22/07/21 17:36	7.5 cm H2O -ZS at 22/07/21 17:36	—	—	7.9 cm H2O -ZS at 22/07/21 11:08
Trigger Sensitivity Flow (L/min)	1.41 L/min -ZS at 22/07/21 17:36	1.41 L/min -ZS at 22/07/21 17:36	—	—	1.41 L/min -ZS at 22/07/21 11:08
Source (from Blood Gas - read only)	—	—	—	Arterial 22/07/21 11:04	—
FiO2 (from Blood Gas - read only)	—	—	—	21 22/07/21 11:04	—
pH (from Blood Gas - read only)	—	—	—	(!) 7.481 22/07/21 11:04	—
PCO2 (from Blood Gas - read only)	—	—	—	(!) 4.31 22/07/21 11:04	—
PO2 (from Blood Gas - read only)	—	—	—	(!) 21.8 22/07/21 11:04	—
HCO3- (from Blood Gas - read only)	—	—	—	25.3 22/07/21 11:04	—
Base Excess (from Blood Gas - read only)	—	—	—	0.6 22/07/21 11:04	—
Total Hb (from Blood Gas - read only)	—	—	—	(!) 113 22/07/21 11:04	—
SaO2 (from Blood Gas - read only)	—	—	—	(!) 99.3 22/07/21 11:04	—
Oxyhaemoglobin (from Blood Gas - read only)	—	—	—	98.7 22/07/21 11:04	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	—	—	(!) 0 22/07/21 11:04	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	—	—	(!) 0.7 22/07/21 11:04	—
Methaemoglobin (from Blood Gas - read only)	—	—	—	0.6 22/07/21 11:04	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Haematocrit (from Blood Gas - read only)	—	—	—	34.5 22/07/21 11:04	—
Sodium (from Blood Gas - read only)	—	—	—	139 22/07/21 11:04	—
Potassium (from Blood Gas - read only)	—	—	—	4.2 22/07/21 11:04	—
Ionised Calcium (from Blood Gas - read only)	—	—	—	1.13 22/07/21 11:04	—
Chloride (from Blood Gas - read only)	—	—	—	(!) 110 22/07/21 11:04	—
Glucose (from Blood Gas - read only)	—	—	—	(!) 9.4 22/07/21 11:04	—
Lactate (from Blood Gas - read only)	—	—	—	1.2 22/07/21 11:04	—
Oxygen Content (from Blood Gas - read only)	—	—	—	7.1 22/07/21 11:04	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	—	—	3.17 22/07/21 11:04	—
PO2 (from Blood Gas - read only)	—	—	—	(!) 21.8 22/07/21 11:04	—
Pulse	96 -ZS at 22/07/21 17:36	102 -ZS at 22/07/21 17:36	—	—	112 -ZS at 22/07/21 11:08
Pulse source	Monitor -ZS at 22/07/21 17:38	Monitor -ZS at 22/07/21 17:38	—	—	Monitor -ZS at 22/07/21 11:09
Cardiac Rhythm	Normal sinus rhythm -ZS at 22/07/21 17:38	Sinus tachycardia -ZS at 22/07/21 17:38	—	—	Sinus tachycardia -ZS at 22/07/21 11:09
Arterial Line BP	84/76 -ZS at 22/07/21 17:36	105/62 -ZS at 22/07/21 17:36	—	—	98/53 -ZS at 22/07/21 11:08
Arterial Line MAP (mmHg)	80 mmHg -ZS at 22/07/21 17:36	74 mmHg -ZS at 22/07/21 17:36	—	—	68 mmHg -ZS at 22/07/21 11:08
Temp	—	—	—	—	37.4 °C (99.3 °F) -ZS at 22/07/21 11:09
Temp src	—	—	—	—	Tympanic -ZS at 22/07/21 11:09
<b>Row Name</b>	<b>22/07/21 10:00</b>	<b>22/07/21 09:05</b>	<b>22/07/21 09:01</b>	<b>22/07/21 09:00</b>	<b>22/07/21 08:00</b>
Natural airway patent?	—	No -ZS at 22/07/21 09:11	—	—	—
Airway LDA	—	Endotracheal tube -ZS at 22/07/21 09:11	—	—	—
Abnormal airway sounds	—	N/A -ZS at 22/07/21 09:11	—	—	—
Any airway obstruction?	—	N/A -ZS at 22/07/21 09:11	—	—	—
ETT Properties	Placement Date: 18/07/21 -RCA, 19/07/21 01:16 Placement Time: 16:00 -RCA, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RCA, 19/07/21 01:16 Cuffed: Yes -RCA, 19/07/21 01:16 Location: Oral -RCA, 19/07/21 01:16 Grade View: Full view of the glottis -RCA, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RCA, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Secured at (cm)	—	23 cm -ZS at 22/07/21 09:11	—	—	—
Measured from	—	Lips -ZS at 22/07/21 09:11	—	—	—
Tube Position	—	Centre -ZS at 22/07/21 09:11	—	—	—
Secured by	—	AnchorFast -ZS at 22/07/21 09:11	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Site Condition	—	Intact	—	—	—
		-ZS at 22/07/21 09:11			
Cuff Pressure	—	30 cm H2O	—	—	—
		-ZS at 22/07/21 09:11			
Cuff leak present	—	No	—	—	—
		-ZS at 22/07/21 09:11			
Airway Interventions	—	Airway suction;Oral suction	—	—	—
		-ZS at 22/07/21 09:11			
Manoeuvres	—	Not applicable	—	—	—
		-ZS at 22/07/21 09:11			
Suction Type	—	Endotracheal	—	—	—
		-ZS at 22/07/21 09:11			
Suction Device	—	Inline endotracheal catheter	—	—	—
		-ZS at 22/07/21 09:11			
Secretion Amount	—	Small	—	—	—
		-ZS at 22/07/21 09:11			
Secretion Colour	—	Creamy	—	—	—
		-ZS at 22/07/21 09:11			
Secretion Consistency	—	Thick	—	—	—
		-ZS at 22/07/21 09:11			
Suction Tolerance	—	Tolerated well	—	—	—
		-ZS at 22/07/21 09:11			
Suctioning Adverse Effects	—	None	—	—	—
		-ZS at 22/07/21 09:11			
Suction Type	—	Oral	—	—	—
		-ZS at 22/07/21 09:11			
Suction Device	—	Yankeur	—	—	—
		-ZS at 22/07/21 09:11			
Secretion Amount	—	Moderate	—	—	—
		-ZS at 22/07/21 09:11			
Secretion Colour	—	Creamy	—	—	—
		-ZS at 22/07/21 09:11			
Secretion Consistency	—	Thick	—	—	—
		-ZS at 22/07/21 09:11			
Suction Tolerance	—	Tolerated well	—	—	—
		-ZS at 22/07/21 09:11			
Suctioning Adverse Effects	—	None	—	—	—
		-ZS at 22/07/21 09:11			
FiO2 (%)	30 %	—	—	30 %	25 %
	-ZS at 22/07/21 10:40			-ZS at 22/07/21 09:11	-HN at 22/07/21 08:01
O2 delivery device	Endotracheal tube	—	—	Endotracheal tube	Endotracheal tube
	-ZS at 22/07/21 10:40			-ZS at 22/07/21 09:11	-HN at 22/07/21 08:01
SpO2	98 %	—	—	98 %	98 %
	-ZS at 22/07/21 10:40			-ZS at 22/07/21 09:06	-HN at 22/07/21 08:02
Resp	16	—	—	16	18
	-ZS at 22/07/21 10:40			-ZS at 22/07/21 09:11	-HN at 22/07/21 08:01
ETCO2 (kPa)	5 kPa	—	—	5.2 kPa	5.2 kPa
	-ZS at 22/07/21 10:40			-ZS at 22/07/21 09:06	-HN at 22/07/21 08:02
Device Name	Servo-u	—	—	Servo-u	—
	-ZS at 22/07/21 10:40			-ZS at 22/07/21 09:11	
Vent Mode	Synchronised intermittent mandatory ventilation/pressure control	—	—	Synchronised intermittent mandatory ventilation/pressure control	—
	-ZS at 22/07/21 10:40			-ZS at 22/07/21 09:11	
Resp Rate (Set)	16	—	—	16	18
	-ZS at 22/07/21 10:40			-ZS at 22/07/21 09:11	-HN at 22/07/21 08:01
Resp Rate Observed	16	—	—	16	18
	-ZS at 22/07/21 10:40			-ZS at 22/07/21 09:11	-HN at 22/07/21 08:01
PEEP achieved (cmH2O)	4.8 cm H2O	—	—	4.8 cm H2O	4.8 cm H2O
	-ZS at 22/07/21 10:40			-ZS at 22/07/21 09:06	-HN at 22/07/21 08:02
PEEP/CPAP set (cmH2O)	5 cmH2O	—	—	5 cmH2O	5 cmH2O
	-ZS at 22/07/21 10:40			-ZS at 22/07/21 09:06	-HN at 22/07/21 08:02
Pressure	10 cm H2O	—	—	10 cm H2O	10 cm H2O

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Support (cm H2O)	-ZS at 22/07/21 10:40			-ZS at 22/07/21 09:06	-HN at 22/07/21 08:02
PC Set	12	—	—	12	12
	-ZS at 22/07/21 10:40			-ZS at 22/07/21 09:06	-HN at 22/07/21 08:02
Tidal Volume achieved (ml)	440.4 mL	—	—	451.8 mL	448.6 mL
	-ZS at 22/07/21 10:40			-ZS at 22/07/21 09:06	-HN at 22/07/21 08:02
Vt ml/kg	8 ml/kg	—	—	8.2 ml/kg	8.2 ml/kg
	-ZS at 22/07/21 10:40			-ZS at 22/07/21 09:06	-HN at 22/07/21 08:02
Minute Ventilation (L/min)	7.1 L/min	—	—	7.2 L/min	7.2 L/min
	-ZS at 22/07/21 10:40			-ZS at 22/07/21 09:06	-HN at 22/07/21 08:02
Ppeak (cm H2O)	17 cm H2O	—	—	17 cm H2O	17 cm H2O
	-ZS at 22/07/21 10:40			-ZS at 22/07/21 09:11	-HN at 22/07/21 08:01
Pmean MAP (cmH2O)	7.9 cm H2O	—	—	7.9 cm H2O	7.9 cm H2O
	-ZS at 22/07/21 10:40			-ZS at 22/07/21 09:06	-HN at 22/07/21 08:02
Trigger Sensitivity Flow (L/min)	1.41 L/min	—	—	1.41 L/min	1.41 L/min
	-ZS at 22/07/21 10:40			-ZS at 22/07/21 09:06	-HN at 22/07/21 08:02
HME	—	—	—	Yes	Yes
				-ZS at 22/07/21 09:11	-HN at 22/07/21 08:01
CO2 Water Trap Checked	—	—	—	Yes	Yes
				-ZS at 22/07/21 09:11	-HN at 22/07/21 08:01
Source (from Blood Gas - read only)	—	—	Arterial	—	—
			22/07/21 09:01		
FiO2 (from Blood Gas - read only)	—	—	21	—	—
			22/07/21 09:01		
pH (from Blood Gas - read only)	—	—	7.411	—	—
			22/07/21 09:01		
PCO2 (from Blood Gas - read only)	—	—	5.01	—	—
			22/07/21 09:01		
PO2 (from Blood Gas - read only)	—	—	(!) 17.9	—	—
			22/07/21 09:01		
HCO3- (from Blood Gas - read only)	—	—	24	—	—
			22/07/21 09:01		
Base Excess (from Blood Gas - read only)	—	—	-0.8	—	—
			22/07/21 09:01		
Total Hb (from Blood Gas - read only)	—	—	120	—	—
			22/07/21 09:01		
SaO2 (from Blood Gas - read only)	—	—	(!) 99.1	—	—
			22/07/21 09:01		
Oxyhaemoglobin (from Blood Gas - read only)	—	—	97.2	—	—
			22/07/21 09:01		
Carboxyhaemoglobin (from Blood Gas - read only)	—	—	0.6	—	—
			22/07/21 09:01		
Deoxyhaemoglobin (from Blood Gas - read only)	—	—	(!) 0.9	—	—
			22/07/21 09:01		
Methaemoglobin (from Blood Gas - read only)	—	—	1.3	—	—
			22/07/21 09:01		
Haematocrit (from Blood Gas - read only)	—	—	36.8	—	—
			22/07/21 09:01		
Sodium (from Blood Gas - read only)	—	—	140	—	—
			22/07/21 09:01		
Potassium (from	—	—	4.2	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Blood Gas - read only)			22/07/21 09:01		
Ionised Calcium (from Blood Gas - read only)	—	—	1.16 22/07/21 09:01	—	—
Chloride (from Blood Gas - read only)	—	—	(!) 108 22/07/21 09:01	—	—
Glucose (from Blood Gas - read only)	—	—	(!) 11.2 22/07/21 09:01	—	—
Lactate (from Blood Gas - read only)	—	—	1.3 22/07/21 09:01	—	—
Oxygen Content (from Blood Gas - read only)	—	—	7.4 22/07/21 09:01	—	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	—	3.46 22/07/21 09:01	—	—
PO2 (from Blood Gas - read only)	—	—	(!) 17.9 22/07/21 09:01	—	—
Pulse	119 -ZS at 22/07/21 10:40	—	—	128 -ZS at 22/07/21 09:06	(!) 133 -HN at 22/07/21 08:02
Pulse source	Monitor -ZS at 22/07/21 10:40	—	—	Monitor -ZS at 22/07/21 09:11	Monitor -HN at 22/07/21 08:01
Cardiac Rhythm	Sinus tachycardia -ZS at 22/07/21 10:40	—	—	Sinus tachycardia -ZS at 22/07/21 09:11	Sinus tachycardia -HN at 22/07/21 08:01
Arterial Line BP	97/51 -ZS at 22/07/21 10:40	—	—	102/53 -ZS at 22/07/21 09:06	97/52 -HN at 22/07/21 08:02
Arterial Line MAP (mmHg)	66 mmHg -ZS at 22/07/21 10:40	—	—	69 mmHg -ZS at 22/07/21 09:06	68 mmHg -HN at 22/07/21 08:02
Temp	37.9 °C (100.2 °F) -ZS at 22/07/21 10:40	—	—	38.2 °C (100.8 °F) -ZS at 22/07/21 09:11	37.4 °C (99.3 °F) -HN at 22/07/21 08:01
Temp src	Tympanic -ZS at 22/07/21 10:40	—	—	Tympanic -ZS at 22/07/21 09:11	Tympanic -HN at 22/07/21 08:01
Bair Hugger on	—	—	—	—	No -HN at 22/07/21 08:01
Skin Colour	—	—	—	Appropriate for ethnicity -ZS at 22/07/21 09:11	—
Skin Condition/Temp	—	—	—	Warm -ZS at 22/07/21 09:11	—
Cyanosis	—	—	—	None -ZS at 22/07/21 09:11	—
Capillary Refill - Peripheral	—	—	—	Less than/equal to 3 seconds -ZS at 22/07/21 09:11	—
Capillary Refill - Central	—	—	—	Less than/equal to 3 seconds -ZS at 22/07/21 09:11	—
Oedema	—	—	—	None -ZS at 22/07/21 09:11	—
Anti-Embolism Stockings (TEDS)	—	—	—	On -ZS at 22/07/21 09:11	—
Anti-embolism stockings	—	—	—	Knee length (Right);Knee length (Left) -ZS at 22/07/21 09:11	—
Skin Intact	—	—	—	Yes -ZS at 22/07/21 09:11	—
Flowtrons	—	—	—	Not applicable -ZS at 22/07/21 09:11	—
Eye Opening	—	—	—	None/Not able to obtain (eg eyes)	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

				closed by swelling) -ZS at 22/07/21 09:11	
Best Verbal Response	—	—	—	None/Not able to obtain (eg ET or tracheostomy tube) -ZS at 22/07/21 09:11	—
Best Motor Response	—	—	—	None -ZS at 22/07/21 09:11	—
Glasgow Coma Scale Score	—	—	—	3 -ZS at 22/07/21 09:11	—
Level of consciousness	—	—	—	(!) Unresponsive -ZS at 22/07/21 09:11	—
Richmond Agitation Sedation Scale (RASS)	—	—	—	Unarousable -ZS at 22/07/21 09:11	—
R Pupil Size (mm)	—	—	—	7 -ZS at 22/07/21 09:11	—
R Pupil Reaction	—	—	—	Nonreactive -ZS at 22/07/21 09:11	—
R Pupil Shape	—	—	—	Round -ZS at 22/07/21 09:11	—
L Pupil Size (mm)	—	—	—	7 -ZS at 22/07/21 09:11	—
L Pupil Reaction	—	—	—	Nonreactive -ZS at 22/07/21 09:11	—
L Pupil Shape	—	—	—	Round -ZS at 22/07/21 09:11	—
Limb Power Assessment	—	—	—	Yes -ZS at 22/07/21 09:11	—
Right upper limb power	—	—	—	Nil -ZS at 22/07/21 09:11	—
Left upper limb power	—	—	—	Nil -ZS at 22/07/21 09:11	—
Right lower limb power	—	—	—	Nil -ZS at 22/07/21 09:11	—
Left lower limb power	—	—	—	Nil -ZS at 22/07/21 09:11	—
Neuro Symptoms	—	—	—	None -ZS at 22/07/21 09:11	—
Feature 3: Altered Level of Consciousness	—	—	—	Positive -ZS at 22/07/21 09:11	—
Facial Expression	—	—	—	Relaxed, neutral -ZS at 22/07/21 09:11	—
Body Movements	—	—	—	Absence of movements or normal position -ZS at 22/07/21 09:11	—
Compliance with the Ventilator (Intubated Patients)	—	—	—	Tolerating ventilator or movement -ZS at 22/07/21 09:11	—
Vocalization (Extubated Patients)	—	—	—	Talking in normal tone or no sound -ZS at 22/07/21 09:11	—
Muscle Tension	—	—	—	Relaxed -ZS at 22/07/21 09:11	—
Critical-Care Pain Observation Score	—	—	—	0 -ZS at 22/07/21 09:11	—
Pain Interventions	—	—	—	Medication (See MAR) -ZS at 22/07/21 09:11	—
Abdomen	—	—	—	Soft	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Inspection				-ZS at 22/07/21 09:11	
Bowel Sounds (All Quadrants)	—	—	—	<b>Hypoactive</b> -ZS at 22/07/21 09:11	—
Passing Flatus	—	—	—	<b>No</b> -ZS at 22/07/21 09:11	—
GI Symptoms	—	—	—	<b>None</b> -ZS at 22/07/21 09:11	—
Reposition	—	—	—	<b>Bed - Upright &gt; 40 degrees</b> -ZS at 22/07/21 09:11	—
Positioning Frequency	—	—	—	<b>3 hourly</b> -ZS at 22/07/21 09:11	—
Analgesia Required	—	—	—	<b>No</b> -ZS at 22/07/21 09:11	—
Patient clean and dry	—	—	—	<b>Yes</b> -ZS at 22/07/21 09:11	—
Urinary catheter/BMS patent and draining	—	—	—	<b>Yes</b> -ZS at 22/07/21 09:11	—
Absorbent incontinence aids in use	—	—	—	<b>Yes</b> -ZS at 22/07/21 09:11	—
SSKIN Interventions	—	—	—	<b>Heels elevated with pillows;On pressure relieving mattress;Turn prescription in progress</b> -ZS at 22/07/21 09:11	—
Oral care	—	—	—	<b>Dependent;Moisten ed oral swabs;Lip balm</b> -ZS at 22/07/21 09:11	—
Linen changed	—	—	—	<b>Pillow case</b> -ZS at 22/07/21 09:11	—
Eye Care	—	—	—	<b>Delivered</b> -ZS at 22/07/21 09:11	—
Lid closure assessment	—	—	—	<b>Grade 0 - eyelids close well (or patient blinking normally)</b> -ZS at 22/07/21 09:11	—
Eye care actions	—	—	—	<b>Cleaned</b> -ZS at 22/07/21 09:11	—
Damp dusting	—	—	—	<b>Yes</b> -ZS at 22/07/21 09:11	—
Disposable equipment in date	—	—	—	<b>Yes</b> -ZS at 22/07/21 09:11	—
Spare oral airways	—	—	—	<b>Yes</b> -ZS at 22/07/21 09:11	—
Oxygen and suction working	—	—	—	<b>Yes</b> -ZS at 22/07/21 09:11	—
Rebreath and Ambu bag available	—	—	—	<b>Yes</b> -ZS at 22/07/21 09:11	—
Visor/Goggles at bedside	—	—	—	<b>Yes</b> -ZS at 22/07/21 09:11	—
Spare oxygen cylinder	—	—	—	<b>Yes</b> -ZS at 22/07/21 09:11	—
Spare trachy inner tubes/dilator	—	—	—	<b>N/A</b> -ZS at 22/07/21 09:11	—
Suction	—	—	—	<b>Yes</b>	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

equipment available				-ZS at 22/07/21 09:11	
Monitor alarms appropriate	—	—	—	Yes -ZS at 22/07/21 09:11	—
Ventilator alarms appropriate	—	—	—	Yes -ZS at 22/07/21 09:11	—
Transducer	—	—	—	Transducer kit labelled correctly; Transducer/s re-zeroed -ZS at 22/07/21 09:11	—
Medications/MAR	—	—	—	Prescriptions/doses checked and correct; Allergies checked and documented; Giving sets/lines in date; Discontinued infusions "stopped" on MAR -ZS at 22/07/21 09:11	—
Nutrition status assessed?	—	—	—	Yes - appropriate nutrition plan in place -ZS at 22/07/21 09:11	—
Resus status up to date	—	—	—	Yes -ZS at 22/07/21 09:11	—
Name band in situ	—	—	—	Yes -ZS at 22/07/21 09:11	—
NOK details correct	—	—	—	Yes -ZS at 22/07/21 09:11	—
<b>Row Name</b>	<b>22/07/21 07:09</b>	<b>22/07/21 07:08</b>	<b>22/07/21 07:00</b>	<b>22/07/21 06:00</b>	<b>22/07/21 05:15</b>
Natural airway patent?	—	—	—	No -HN at 22/07/21 06:16	—
Airway LDA	—	—	—	Endotracheal tube -HN at 22/07/21 06:16	—
Abnormal airway sounds	—	—	—	N/A -HN at 22/07/21 06:16	—
Any airway obstruction?	—	—	—	N/A -HN at 22/07/21 06:16	—
ETT Properties	Placement Date: 18/07/21 -RCA, 19/07/21 01:16 Placement Time: 16:00 -RCA, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RCA, 19/07/21 01:16 Cuffed: Yes -RCA, 19/07/21 01:16 Location: Oral -RCA, 19/07/21 01:16 Grade View: Full view of the glottis -RCA, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RCA, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Secured at (cm)	—	—	—	23 cm -HN at 22/07/21 06:16	—
Measured from	—	—	—	Lips -HN at 22/07/21 06:16	—
Tube Position	—	—	—	Centre -HN at 22/07/21 06:16	—
Secured by	—	—	—	AnchorFast -HN at 22/07/21 06:16	—
Site Condition	—	—	—	Intact -HN at 22/07/21 06:16	—
Cuff Pressure	—	—	—	30 cm H2O -HN at 22/07/21 06:16	—
Cuff leak present	—	—	—	No -HN at 22/07/21 06:16	—
Airway Interventions	—	—	—	Airway suction -HN at 22/07/21 06:16	—
Manoeuvres	—	—	—	Not applicable -HN at 22/07/21 06:16	—
Suction Type	—	—	—	Endotracheal -HN at 22/07/21 06:16	—
Suction Device	—	—	—	Inline endotracheal	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

				catheter -HN at 22/07/21 06:16	
Secretion Amount	—	—	—	Small -HN at 22/07/21 06:16	—
Secretion Colour	—	—	—	Creamy -HN at 22/07/21 06:16	—
Secretion Consistency	—	—	—	Thick -HN at 22/07/21 06:16	—
Suction Tolerance	—	—	—	Tolerated well -HN at 22/07/21 06:16	—
Suctioning Adverse Effects	—	—	—	None -HN at 22/07/21 06:16	—
Suction Type	—	—	—	Oral -HN at 22/07/21 06:16	—
Suction Device	—	—	—	Yankeur -HN at 22/07/21 06:16	—
Secretion Amount	—	—	—	Moderate -HN at 22/07/21 06:16	—
Secretion Colour	—	—	—	Clear -HN at 22/07/21 06:16	—
Secretion Consistency	—	—	—	Thin -HN at 22/07/21 06:16	—
Suction Tolerance	—	—	—	Tolerated well -HN at 22/07/21 06:16	—
Suctioning Adverse Effects	—	—	—	None -HN at 22/07/21 06:16	—
FiO2 (%)	—	—	25 % -HN at 22/07/21 07:01	25 % -HN at 22/07/21 06:16	—
O2 delivery device	—	—	Endotracheal tube -HN at 22/07/21 07:01	Endotracheal tube -HN at 22/07/21 06:16	—
SpO2	—	—	98 % -HN at 22/07/21 07:01	98 % -HN at 22/07/21 06:16	—
Resp	—	—	18 -HN at 22/07/21 07:01	18 -HN at 22/07/21 06:16	—
ETCO2 (kPa)	—	—	4.7 kPa -HN at 22/07/21 07:01	5.1 kPa -HN at 22/07/21 06:16	—
Resp Rate (Set)	—	—	18 -HN at 22/07/21 07:01	18 -HN at 22/07/21 06:16	—
Resp Rate Observed	—	—	18 -HN at 22/07/21 07:01	18 -HN at 22/07/21 06:16	—
PEEP achieved (cmH2O)	—	—	4.8 cm H2O -HN at 22/07/21 07:01	4.7 cm H2O -HN at 22/07/21 06:16	—
PEEP/CPAP set (cmH2O)	—	—	5 cmH2O -HN at 22/07/21 07:01	5 cmH2O -HN at 22/07/21 06:16	—
Pressure Support (cm H2O)	—	—	10 cm H2O -HN at 22/07/21 07:01	10 cm H2O -HN at 22/07/21 06:16	—
PC Set	—	—	12 -HN at 22/07/21 07:01	12 -HN at 22/07/21 06:16	—
Tidal Volume achieved (ml)	—	—	422.2 mL -HN at 22/07/21 07:01	442 mL -HN at 22/07/21 06:16	—
Vt ml/kg	—	—	7.7 ml/kg -HN at 22/07/21 07:01	8 ml/kg -HN at 22/07/21 06:16	—
Minute Ventilation (L/min)	—	—	7.6 L/min -HN at 22/07/21 07:01	7.9 L/min -HN at 22/07/21 06:16	—
Ppeak (cm H2O)	—	—	17 cm H2O -HN at 22/07/21 07:01	17 cm H2O -HN at 22/07/21 06:16	—
Pmean MAP (cmH2O)	—	—	8.3 cm H2O -HN at 22/07/21 07:01	8.3 cm H2O -HN at 22/07/21 06:16	—
Trigger Sensitivity Flow (L/min)	—	—	1.41 L/min -HN at 22/07/21 07:01	1.41 L/min -HN at 22/07/21 06:16	—
HME	—	—	Yes -HN at 22/07/21 07:01	Yes -HN at 22/07/21 06:16	—
CO2 Water Trap Checked	—	—	Yes -HN at 22/07/21 07:01	Yes -HN at 22/07/21 06:16	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Source (from Blood Gas - read only)	Arterial 22/07/21 07:09	Arterial 22/07/21 07:08	—	—	Arterial 22/07/21 05:15
FiO2 (from Blood Gas - read only)	100 22/07/21 07:09	25 22/07/21 07:08	—	—	25 22/07/21 05:15
pH (from Blood Gas - read only)	7.444 22/07/21 07:09	(!) 7.47 22/07/21 07:08	—	—	7.436 22/07/21 05:15
PCO2 (from Blood Gas - read only)	(!) 4.46 22/07/21 07:09	(!) 4.29 22/07/21 07:08	—	—	(!) 4.52 22/07/21 05:15
PO2 (from Blood Gas - read only)	(!) 64.1 22/07/21 07:09	(!) 19.7 22/07/21 07:08	—	—	(!) 15.2 22/07/21 05:15
HCO3- (from Blood Gas - read only)	23.9 22/07/21 07:09	24.7 22/07/21 07:08	—	—	23.7 22/07/21 05:15
Base Excess (from Blood Gas - read only)	-1.2 22/07/21 07:09	-0.3 22/07/21 07:08	—	—	-1.4 22/07/21 05:15
Total Hb (from Blood Gas - read only)	124 22/07/21 07:09	120 22/07/21 07:08	—	—	123 22/07/21 05:15
SaO2 (from Blood Gas - read only)	(!) 99.8 22/07/21 07:09	(!) 100 22/07/21 07:08	—	—	98.7 22/07/21 05:15
Oxyhaemoglobin (from Blood Gas - read only)	98.3 22/07/21 07:09	(!) 100 22/07/21 07:08	—	—	97.7 22/07/21 05:15
Carboxyhaemoglobin (from Blood Gas - read only)	(!) 0.4 22/07/21 07:09	0.6 22/07/21 07:08	—	—	(!) 0.1 22/07/21 05:15
Deoxyhaemoglobin (from Blood Gas - read only)	(!) 0.2 22/07/21 07:09	(!) 0 22/07/21 07:08	—	—	1.3 22/07/21 05:15
Methaemoglobin (from Blood Gas - read only)	1.1 22/07/21 07:09	(!) 0 22/07/21 07:08	—	—	0.9 22/07/21 05:15
Haematocrit (from Blood Gas - read only)	38.1 22/07/21 07:09	36.9 22/07/21 07:08	—	—	37.7 22/07/21 05:15
Sodium (from Blood Gas - read only)	141 22/07/21 07:09	146 22/07/21 07:08	—	—	141 22/07/21 05:15
Potassium (from Blood Gas - read only)	4.1 22/07/21 07:09	4.1 22/07/21 07:08	—	—	4.5 22/07/21 05:15
Ionised Calcium (from Blood Gas - read only)	1.14 22/07/21 07:09	1.14 22/07/21 07:08	—	—	1.17 22/07/21 05:15
Chloride (from Blood Gas - read only)	(!) 111 22/07/21 07:09	(!) 112 22/07/21 07:08	—	—	(!) 113 22/07/21 05:15
Glucose (from Blood Gas - read only)	(!) 11.5 22/07/21 07:09	(!) 12.3 22/07/21 07:08	—	—	(!) 10.2 22/07/21 05:15
Lactate (from Blood Gas - read only)	1.3 22/07/21 07:09	1.5 22/07/21 07:08	—	—	1.2 22/07/21 05:15
Oxygen Content (from Blood Gas - read only)	8.3 22/07/21 07:09	7.6 22/07/21 07:08	—	—	7.6 22/07/21 05:15
O2 Tension at 50% saturation (from Blood Gas - read only)	3.34 22/07/21 07:09	3.27 22/07/21 07:08	—	—	3.34 22/07/21 05:15
PO2 (from Blood	(!) 64.1	(!) 19.7	—	—	(!) 15.2

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Gas - read only)	22/07/21 07:09	22/07/21 07:08		22/07/21 05:15
Ventilated patient?	—	—	—	<b>Yes</b> -HN at 22/07/21 06:16
Respiratory Pattern	—	—	—	<b>Normal</b> -HN at 22/07/21 06:16
Respiratory Depth/Rhythm	—	—	—	<b>Regular</b> -HN at 22/07/21 06:16
Increasing respiratory effort?	—	—	—	<b>No</b> -HN at 22/07/21 06:16
Chest Assessment	—	—	—	<b>Symmetrical;Chest expansion symmetrical;Trachea a midline</b> -HN at 22/07/21 06:16
Bilateral Air Entry?	—	—	—	<b>Yes</b> -HN at 22/07/21 06:16
Pulse	—	—	<b>128</b> -HN at 22/07/21 07:01	<b>126</b> -HN at 22/07/21 06:16
Pulse source	—	—	<b>Monitor</b> -HN at 22/07/21 07:01	<b>Monitor</b> -HN at 22/07/21 06:16
Cardiac Rhythm	—	—	<b>Sinus tachycardia</b> -HN at 22/07/21 07:01	<b>Sinus tachycardia</b> -HN at 22/07/21 06:16
Arterial Line BP	—	—	<b>104/58</b> -HN at 22/07/21 07:01	<b>112/67</b> -HN at 22/07/21 06:16
Arterial Line MAP (mmHg)	—	—	<b>72 mmHg</b> -HN at 22/07/21 07:01	<b>81 mmHg</b> -HN at 22/07/21 06:16
Temp	—	—	<b>37.9 °C (100.2 °F)</b> -HN at 22/07/21 07:01	—
Temp src	—	—	<b>Tympanic</b> -HN at 22/07/21 07:01	—
Bair Hugger on	—	—	<b>No</b> -HN at 22/07/21 07:01	<b>Yes</b> -HN at 22/07/21 06:16
Decision by	—	—	—	<b>Physician</b> -HN at 22/07/21 06:16
Indications	—	—	—	<b>Heart Rate</b> -HN at 22/07/21 06:16
Pacemaker	—	—	—	<b>No</b> -HN at 22/07/21 06:16
Skin Colour	—	—	—	<b>Appropriate for ethnicity</b> -HN at 22/07/21 06:16
Skin Condition/Temp	—	—	—	<b>Warm</b> -HN at 22/07/21 06:16
Cyanosis	—	—	—	<b>None</b> -HN at 22/07/21 06:16
Capillary Refill - Peripheral	—	—	—	<b>Less than/equal to 3 seconds</b> -HN at 22/07/21 06:16
Capillary Refill - Central	—	—	—	<b>Less than/equal to 3 seconds</b> -HN at 22/07/21 06:16
Oedema	—	—	—	<b>None</b> -HN at 22/07/21 06:16
Additional Assessments Circulation	—	—	—	<b>No</b> -HN at 22/07/21 06:16
Anti-Embolism Stockings (TEDS)	—	—	—	<b>On</b> -HN at 22/07/21 06:16
Anti-embolism stockings	—	—	—	<b>Knee length (Right);Knee length (Left)</b> -HN at 22/07/21 06:16
Skin Intact	—	—	—	<b>Yes</b> -HN at 22/07/21 06:16
Eye Opening	—	—	—	<b>None/Not able to obtain (eg eyes)</b>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

				closed by swelling) -HN at 22/07/21 06:16	
Best Verbal Response	—	—	—	None/Not able to obtain (eg ET or tracheostomy tube) -HN at 22/07/21 06:16	—
Best Motor Response	—	—	—	None -HN at 22/07/21 06:16	—
Glasgow Coma Scale Score	—	—	—	3 -HN at 22/07/21 06:16	—
Level of consciousness	—	—	—	(!) Unresponsive -HN at 22/07/21 06:16	—
Reason Unresponsive	—	—	—	Comatose -HN at 22/07/21 06:16	—
Richmond Agitation Sedation Scale (RASS)	—	—	—	Unarousable -HN at 22/07/21 06:16	—
R Pupil Size (mm)	—	—	—	7 -HN at 22/07/21 06:16	—
R Pupil Reaction	—	—	—	Nonreactive -HN at 22/07/21 06:16	—
R Pupil Shape	—	—	—	Round -HN at 22/07/21 06:16	—
L Pupil Size (mm)	—	—	—	7 -HN at 22/07/21 06:16	—
L Pupil Reaction	—	—	—	Nonreactive -HN at 22/07/21 06:16	—
L Pupil Shape	—	—	—	Round -HN at 22/07/21 06:16	—
Limb Power Assessment	—	—	—	Yes -HN at 22/07/21 06:16	—
Right upper limb power	—	—	—	Nil -HN at 22/07/21 06:16	—
Left upper limb power	—	—	—	Nil -HN at 22/07/21 06:16	—
Right lower limb power	—	—	—	Nil -HN at 22/07/21 06:16	—
Left lower limb power	—	—	—	Nil -HN at 22/07/21 06:16	—
Neuro Symptoms	—	—	—	None -HN at 22/07/21 06:16	—
Continuous EEG	—	—	—	No -HN at 22/07/21 06:16	—
Feature 3: Altered Level of Consciousness	—	—	—	Positive -HN at 22/07/21 06:16	—
Pain Scale	—	—	—	Critical Care Pain Observation Tool -HN at 22/07/21 06:16	—
Unable to Self-Report Pain Reason	—	—	—	Patient unresponsive -HN at 22/07/21 06:16	—
Nausea or vomiting?	—	—	—	None -HN at 22/07/21 06:16	—
Vocalisation	—	—	—	Absent -HN at 22/07/21 06:16	—
Facial expression	—	—	—	Absent -HN at 22/07/21 06:16	—
Changes in body language	—	—	—	Absent -HN at 22/07/21 06:16	—
Behavioural change	—	—	—	Absent -HN at 22/07/21 06:16	—
Physiological change	—	—	—	Absent -HN at 22/07/21 06:16	—
Physical change	—	—	—	Absent	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

				-HN at 22/07/21 06:16	
ABBEY PAIN SCORE	—	—	—	0	—
				-HN at 22/07/21 06:16	
Facial Expression	—	—	—	Relaxed	—
				-HN at 22/07/21 06:16	
Upper Limbs	—	—	—	No movement	—
				-HN at 22/07/21 06:16	
Compliance with Ventilation	—	—	—	Tolerating movement	—
				-HN at 22/07/21 06:16	
Behavioural Pain Scale Total Score	—	—	—	3	—
				-HN at 22/07/21 06:16	
Facial Expression	—	—	—	Relaxed, neutral	—
				-HN at 22/07/21 06:16	
Body Movements	—	—	—	Absence of movements or normal position	—
				-HN at 22/07/21 06:16	
Compliance with the Ventilator (Intubated Patients)	—	—	—	Tolerating ventilator or movement	—
				-HN at 22/07/21 06:16	
Vocalization (Extubated Patients)	—	—	—	Talking in normal tone or no sound	—
				-HN at 22/07/21 06:16	
Muscle Tension	—	—	—	Relaxed	—
				-HN at 22/07/21 06:16	
Critical-Care Pain Observation Score	—	—	—	0	—
				-HN at 22/07/21 06:16	
Communication Needs	—	—	—	None	—
				-HN at 22/07/21 06:16	
Abdomen Inspection	—	—	—	Soft	—
				-HN at 22/07/21 06:16	
Bowel Sounds (All Quadrants)	—	—	—	Hypoactive	—
				-HN at 22/07/21 06:16	
Passing Flatus	—	—	—	No	—
				-HN at 22/07/21 06:16	
GI Symptoms	—	—	—	None	—
				-HN at 22/07/21 06:16	
Faecal devices	—	—	—	None	—
				-HN at 22/07/21 06:16	
Bowel Opened?	—	—	—	No	—
				-HN at 22/07/21 06:16	
All pressure areas observed	—	—	—	Yes	—
				-HN at 22/07/21 06:16	
Head	—	—	—	Intact	—
				-HN at 22/07/21 06:16	
Left Shoulder	—	—	—	Intact	—
				-HN at 22/07/21 06:16	
Right Shoulder	—	—	—	Intact	—
				-HN at 22/07/21 06:16	
Left Elbow	—	—	—	Intact	—
				-HN at 22/07/21 06:16	
Right Elbow	—	—	—	Intact	—
				-HN at 22/07/21 06:16	
Left Hip	—	—	—	Intact	—
				-HN at 22/07/21 06:16	
Right Hip	—	—	—	Intact	—
				-HN at 22/07/21 06:16	
Left Heel	—	—	—	Intact	—
				-HN at 22/07/21 06:16	
Right Heel	—	—	—	Intact	—
				-HN at 22/07/21 06:16	
Left Buttock	—	—	—	Intact	—
				-HN at 22/07/21 06:16	

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Right Buttock	—	—	—	Intact -HN at 22/07/21 06:19	—
Sacrum	—	—	—	Intact -HN at 22/07/21 06:19	—
Face	—	—	—	Yes -HN at 22/07/21 06:19	—
Right Cheek	—	—	—	Intact -HN at 22/07/21 06:19	—
Left Cheek	—	—	—	Intact -HN at 22/07/21 06:19	—
Right Ear	—	—	—	Intact -HN at 22/07/21 06:19	—
Left Ear	—	—	—	Intact -HN at 22/07/21 06:19	—
Nose	—	—	—	Intact -HN at 22/07/21 06:19	—
Forehead	—	—	—	Intact -HN at 22/07/21 06:19	—
VAC Dressing/Complex Dressing	—	—	—	No -HN at 22/07/21 06:19	—
SEM Scanner Readings	—	—	—	No -HN at 22/07/21 06:19	—
Surface	—	—	—	Duo mattress -HN at 22/07/21 06:19	—
Reposition	—	—	—	Bed - Tilt Right 60 degrees -HN at 22/07/21 06:19	—
Positioning Frequency	—	—	—	3 hourly -HN at 22/07/21 06:19	—
Analgesia Required	—	—	—	No -HN at 22/07/21 06:19	—
Oral care	—	—	—	Moistened oral swabs;Lip balm -HN at 22/07/21 06:19	—

Row Name	22/07/21 05:14	22/07/21 05:00	22/07/21 04:00	22/07/21 03:09	22/07/21 03:00
ETT Properties	Placement Date: 18/07/21 -RCA, 19/07/21 01:16 Placement Time: 16:00 -RCA, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RCA, 19/07/21 01:16 Cuffed: Yes -RCA, 19/07/21 01:16 Location: Oral -RCA, 19/07/21 01:16 Grade View: Full view of the glottis -RCA, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RCA, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
FiO2 (%)	—	25 % -HN at 22/07/21 05:00	25 % -HN at 22/07/21 04:03	—	30 % -HN at 22/07/21 04:01
O2 delivery device	—	Endotracheal tube -HN at 22/07/21 05:00	Endotracheal tube -HN at 22/07/21 04:03	—	Endotracheal tube -HN at 22/07/21 04:01
SpO2	—	98 % -FM at 22/07/21 05:54	98 % -HN at 22/07/21 04:03	—	100 % -HN at 22/07/21 04:01
Resp	—	18 -HN at 22/07/21 05:00	18 -HN at 22/07/21 04:03	—	16 -HN at 22/07/21 04:01
ETCO2 (kPa)	—	4.8 kPa -FM at 22/07/21 05:54	5.8 kPa -HN at 22/07/21 04:03	—	5.5 kPa -HN at 22/07/21 04:01
Device Name	—	Servo-u -FM at 22/07/21 05:54	—	—	—
Vent Mode	—	Synchronised intermittent mandatory ventilation/pressure control -FM at 22/07/21 05:54	—	—	—
Resp Rate (Set)	—	18 -HN at 22/07/21 05:00	18 -HN at 22/07/21 04:03	—	16 -HN at 22/07/21 04:01
Resp Rate Observed	—	18 -HN at 22/07/21 05:00	18 -HN at 22/07/21 04:03	—	16 -HN at 22/07/21 04:01
PEEP achieved (cmH2O)	—	4.8 cm H2O -FM at 22/07/21 05:54	4.8 cm H2O -HN at 22/07/21 04:03	—	4.9 cm H2O -HN at 22/07/21 04:01
PEEP/CPAP set (cmH2O)	—	5 cmH2O -FM at 22/07/21 05:54	5 cmH2O -HN at 22/07/21 04:03	—	5 cmH2O -HN at 22/07/21 04:01
Pressure	—	10 cm H2O	10 cm H2O	—	10 cm H2O

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Support (cm H2O)		-FM at 22/07/21 05:54	-HN at 22/07/21 04:03		-HN at 22/07/21 04:01
PC Set	—	12	12	—	12
		-FM at 22/07/21 05:54	-HN at 22/07/21 04:03		-HN at 22/07/21 04:01
Tidal Volume achieved (ml)	—	452.2 mL	383.4 mL	—	362.6 mL
		-FM at 22/07/21 05:54	-HN at 22/07/21 04:03		-HN at 22/07/21 04:01
Vt ml/kg	—	8.2 ml/kg	7 ml/kg	—	6.6 ml/kg
		-FM at 22/07/21 05:54	-HN at 22/07/21 04:03		-HN at 22/07/21 04:01
Minute Ventilation (L/min)	—	8.1 L/min	6.9 L/min	—	5.8 L/min
		-FM at 22/07/21 05:54	-HN at 22/07/21 04:03		-HN at 22/07/21 04:01
Ppeak (cm H2O)	—	17 cm H2O	—	—	—
		-FM at 22/07/21 05:54			
Pmean MAP (cmH2O)	—	8.3 cm H2O	8.3 cm H2O	—	7.9 cm H2O
		-FM at 22/07/21 05:54	-HN at 22/07/21 04:03		-HN at 22/07/21 04:01
Trigger Sensitivity Flow (L/min)	—	1.41 L/min	1.41 L/min	—	1.41 L/min
		-FM at 22/07/21 05:54	-HN at 22/07/21 04:03		-HN at 22/07/21 04:01
HME	—	Yes	Yes	—	Yes
		-HN at 22/07/21 05:00	-HN at 22/07/21 04:03		-HN at 22/07/21 04:01
CO2 Water Trap Checked	—	Yes	Yes	—	Yes
		-HN at 22/07/21 05:00	-HN at 22/07/21 04:03		-HN at 22/07/21 04:01
Source (from Blood Gas - read only)	Arterial 22/07/21 05:14	—	—	Arterial 22/07/21 03:09	—
FiO2 (from Blood Gas - read only)	100 22/07/21 05:14	—	—	100 22/07/21 03:09	—
pH (from Blood Gas - read only)	7.418 22/07/21 05:14	—	—	(!) 7.327 22/07/21 03:09	—
PCO2 (from Blood Gas - read only)	4.74 22/07/21 05:14	—	—	5.98 22/07/21 03:09	—
PO2 (from Blood Gas - read only)	(!) 65.9 22/07/21 05:14	—	—	(!) 67.9 22/07/21 03:09	—
HCO3- (from Blood Gas - read only)	23.5 22/07/21 05:14	—	—	22.2 22/07/21 03:09	—
Base Excess (from Blood Gas - read only)	-1.6 22/07/21 05:14	—	—	-2.6 22/07/21 03:09	—
Total Hb (from Blood Gas - read only)	138 22/07/21 05:14	—	—	136 22/07/21 03:09	—
SaO2 (from Blood Gas - read only)	(!) 99.3 22/07/21 05:14	—	—	(!) 99.8 22/07/21 03:09	—
Oxyhaemoglobin (from Blood Gas - read only)	97.6 22/07/21 05:14	—	—	98.1 22/07/21 03:09	—
Carboxyhaemoglobin (from Blood Gas - read only)	0.6 22/07/21 05:14	—	—	0.6 22/07/21 03:09	—
Deoxyhaemoglobin (from Blood Gas - read only)	(!) 0.7 22/07/21 05:14	—	—	(!) 0.2 22/07/21 03:09	—
Methaemoglobin (from Blood Gas - read only)	1.1 22/07/21 05:14	—	—	1.1 22/07/21 03:09	—
Haematocrit (from Blood Gas - read only)	42.2 22/07/21 05:14	—	—	41.6 22/07/21 03:09	—
Sodium (from Blood Gas - read only)	142 22/07/21 05:14	—	—	143 22/07/21 03:09	—
Potassium (from	(!) 4.6	—	—	(!) 4.6	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Blood Gas - read only)	22/07/21 05:14			22/07/21 03:09	
Ionised Calcium (from Blood Gas - read only)	1.17	—	—	1.22	—
Chloride (from Blood Gas - read only)	(!) 112	—	—	(!) 115	—
Glucose (from Blood Gas - read only)	(!) 11.8	—	—	(!) 10.6	—
Lactate (from Blood Gas - read only)	1.2	—	—	0.9	—
Oxygen Content (from Blood Gas - read only)	9	—	—	9	—
O2 Tension at 50% saturation (from Blood Gas - read only)	3.32	—	—	3.8	—
PO2 (from Blood Gas - read only)	(!) 65.9	—	—	(!) 67.9	—
Pulse	—	114	106	—	93
Pulse source	—	Monitor	Monitor	—	Monitor
Cardiac Rhythm	—	Sinus tachycardia	Sinus tachycardia	—	Normal sinus rhythm
Arterial Line BP	—	103/59	107/61	—	96/53
Arterial Line MAP (mmHg)	—	73 mmHg	77 mmHg	—	68 mmHg
Temp	—	—	36.6 °C (97.9 °F)	—	36.7 °C (98.1 °F)
Temp src	—	—	Tympanic	—	Tympanic
Bair Hugger on	—	—	Yes	—	Yes
Oral care	—	—	Moistened oral swabs	—	—
<b>Row Name</b>	<b>22/07/21 02:00</b>	<b>22/07/21 01:32</b>	<b>22/07/21 01:00</b>	<b>22/07/21 00:15</b>	<b>22/07/21 00:13</b>
Natural airway patent?	—	—	No	—	—
Airway LDA	—	—	Endotracheal tube	—	—
Abnormal airway sounds	—	—	N/A	—	—
Any airway obstruction?	—	—	N/A	—	—
ETT Properties	Placement Date: 18/07/21 -RCA, 19/07/21 01:16 Placement Time: 16:00 -RCA, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RCA, 19/07/21 01:16 Cuffed: Yes -RCA, 19/07/21 01:16 Location: Oral -RCA, 19/07/21 01:16 Grade View: Full view of the glottis -RCA, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RCA, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Secured at (cm)	—	—	23 cm	—	—
Measured from	—	—	Lips	—	—
Tube Position	—	—	Centre	—	—
Secured by	—	—	AnchorFast	—	—
Site Condition	—	—	Intact	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Cuff Pressure	—	—	30 cm H2O -FM at 22/07/21 01:44	—	—
Cuff leak present	—	—	No -FM at 22/07/21 01:44	—	—
Airway Interventions	—	—	Airway suction;Oral suction -FM at 22/07/21 01:47	—	—
Manoeuvres	—	—	Not applicable -FM at 22/07/21 01:47	—	—
Suction Type	—	—	Endotracheal -FM at 22/07/21 01:47	—	—
Suction Device	—	—	Inline endotracheal catheter -FM at 22/07/21 01:47	—	—
Secretion Amount	—	—	Small -FM at 22/07/21 01:47	—	—
Secretion Colour	—	—	Creamy -FM at 22/07/21 01:47	—	—
Secretion Consistency	—	—	Thick -FM at 22/07/21 01:47	—	—
Suction Tolerance	—	—	Tolerated well -FM at 22/07/21 01:47	—	—
Suctioning Adverse Effects	—	—	None -FM at 22/07/21 01:47	—	—
Suction Type	—	—	Oral -FM at 22/07/21 01:47	—	—
Suction Device	—	—	Yankeur -FM at 22/07/21 01:47	—	—
Secretion Amount	—	—	Moderate -FM at 22/07/21 01:47	—	—
Secretion Colour	—	—	Clear -FM at 22/07/21 01:47	—	—
Secretion Consistency	—	—	Thin -FM at 22/07/21 01:47	—	—
Suction Tolerance	—	—	Tolerated fairly well -FM at 22/07/21 01:47	—	—
Suctioning Adverse Effects	—	—	None -FM at 22/07/21 01:47	—	—
FiO2 (%)	30 % -FM at 22/07/21 02:07	—	30 % -HN at 22/07/21 01:01	—	—
O2 delivery device	Endotracheal tube -FM at 22/07/21 02:07	—	Endotracheal tube -FM at 22/07/21 01:47	—	—
SpO2	99 % -FM at 22/07/21 02:07	—	99 % -FM at 22/07/21 01:47	—	—
Resp	16 -FM at 22/07/21 02:07	—	16 -FM at 22/07/21 01:47	—	—
ETCO2 (kPa)	5.3 kPa -FM at 22/07/21 02:07	—	5.6 kPa -FM at 22/07/21 01:47	—	—
Device Name	Servo-u -FM at 22/07/21 02:07	—	Servo-u -FM at 22/07/21 01:47	—	—
Vent Mode	Synchronised intermittent mandatory ventilation/pressure control -FM at 22/07/21 02:07	—	Synchronised intermittent mandatory ventilation/pressure control -FM at 22/07/21 01:47	—	—
Resp Rate (Set)	16 -FM at 22/07/21 02:07	—	16 -HN at 22/07/21 01:01	—	—
Resp Rate Observed	16 -FM at 22/07/21 02:07	—	16 -HN at 22/07/21 01:01	—	—
PEEP achieved (cmH2O)	4.9 cm H2O -FM at 22/07/21 02:07	—	4.9 cm H2O -FM at 22/07/21 01:47	—	—
PEEP/CPAP set (cmH2O)	5 cmH2O -FM at 22/07/21 02:07	—	5 cmH2O -FM at 22/07/21 01:47	—	—
Pressure Support (cm)	10 cm H2O -FM at 22/07/21 02:07	—	10 cm H2O -FM at 22/07/21 01:47	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

H2O)					
PC Set	12 -FM at 22/07/21 02:07	—	12 -FM at 22/07/21 01:47	—	—
Tidal Volume achieved (ml)	380 mL -FM at 22/07/21 02:07	—	388 mL -FM at 22/07/21 01:47	—	—
Vt ml/kg	6.9 ml/kg -FM at 22/07/21 02:07	—	7.1 ml/kg -FM at 22/07/21 01:47	—	—
Minute Ventilation (L/min)	6.1 L/min -FM at 22/07/21 02:07	—	6.3 L/min -FM at 22/07/21 01:47	—	—
I:E Ratio	1:2 -FM at 22/07/21 02:07	—	1:2 -FM at 22/07/21 02:07	—	—
Ppeak (cm H2O)	17 cm H2O -FM at 22/07/21 02:07	—	17 cm H2O -FM at 22/07/21 01:47	—	—
Pmean MAP (cmH2O)	7.9 cm H2O -FM at 22/07/21 02:07	—	7.9 cm H2O -FM at 22/07/21 01:47	—	—
Trigger Sensitivity Flow (L/min)	1.41 L/min -FM at 22/07/21 02:07	—	1.41 L/min -FM at 22/07/21 01:47	—	—
Source (from Blood Gas - read only)	—	Arterial 22/07/21 01:32	—	Arterial 22/07/21 00:15	Arterial 22/07/21 00:13
FiO2 (from Blood Gas - read only)	—	30 22/07/21 01:32	—	30 22/07/21 00:15	30 22/07/21 00:13
pH (from Blood Gas - read only)	—	(!) 7.348 22/07/21 01:32	—	(!) 7.291 22/07/21 00:15	—
PCO2 (from Blood Gas - read only)	—	5.63 22/07/21 01:32	—	(!) 6.26 22/07/21 00:15	—
PO2 (from Blood Gas - read only)	—	(!) 21.7 22/07/21 01:32	—	(!) 21.3 22/07/21 00:15	—
HCO3- (from Blood Gas - read only)	—	22.4 22/07/21 01:32	—	21.1 22/07/21 00:15	—
Base Excess (from Blood Gas - read only)	—	-2.5 22/07/21 01:32	—	-3.9 22/07/21 00:15	—
Total Hb (from Blood Gas - read only)	—	127 22/07/21 01:32	—	123 22/07/21 00:15	—
SaO2 (from Blood Gas - read only)	—	98.9 22/07/21 01:32	—	98.9 22/07/21 00:15	—
Oxyhaemoglobin (from Blood Gas - read only)	—	97.2 22/07/21 01:32	—	97.2 22/07/21 00:15	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	0.6 22/07/21 01:32	—	0.6 22/07/21 00:15	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	1.1 22/07/21 01:32	—	1.1 22/07/21 00:15	—
Methaemoglobin (from Blood Gas - read only)	—	1.1 22/07/21 01:32	—	1.1 22/07/21 00:15	—
Haematocrit (from Blood Gas - read only)	—	39 22/07/21 01:32	—	37.7 22/07/21 00:15	—
Sodium (from Blood Gas - read only)	—	145 22/07/21 01:32	—	146 22/07/21 00:15	—
Potassium (from Blood Gas - read only)	—	(!) 4.9 22/07/21 01:32	—	(!) 5.1 22/07/21 00:15	—
Ionised Calcium	—	1.21	—	1.19	1.27

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

(from Blood Gas - read only)		22/07/21 01:32		22/07/21 00:15	22/07/21 00:13
Chloride (from Blood Gas - read only)	—	<b>(!) 118</b> 22/07/21 01:32	—	<b>(!) 120</b> 22/07/21 00:15	—
Glucose (from Blood Gas - read only)	—	<b>(!) 6.4</b> 22/07/21 01:32	—	<b>(!) 8.1</b> 22/07/21 00:15	—
Lactate (from Blood Gas - read only)	—	<b>0.5</b> 22/07/21 01:32	—	<b>0.6</b> 22/07/21 00:15	—
Oxygen Content (from Blood Gas - read only)	—	<b>7.9</b> 22/07/21 01:32	—	<b>7.6</b> 22/07/21 00:15	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	<b>3.71</b> 22/07/21 01:32	—	<b>3.95</b> 22/07/21 00:15	—
PO2 (from Blood Gas - read only)	—	<b>(!) 21.7</b> 22/07/21 01:32	—	<b>(!) 21.3</b> 22/07/21 00:15	—
Pulse	<b>85</b> -FM at 22/07/21 02:07	—	<b>92</b> -FM at 22/07/21 01:47	—	—
Pulse source	<b>Monitor</b> -FM at 22/07/21 02:07	—	<b>Monitor</b> -HN at 22/07/21 01:01	—	—
Cardiac Rhythm	<b>Normal sinus rhythm</b> -FM at 22/07/21 02:07	—	<b>Normal sinus rhythm</b> -HN at 22/07/21 01:01	—	—
BP	<b>109/62</b> -FM at 22/07/21 02:10	—	<b>104/54</b> -FM at 22/07/21 02:10	—	—
MAP (mmHg)	<b>80</b> -FM at 22/07/21 02:10	—	<b>77</b> -FM at 22/07/21 02:10	—	—
Arterial Line BP	<b>107/63</b> -FM at 22/07/21 02:07	—	<b>71/65</b> -FM at 22/07/21 01:47	—	—
Arterial Line MAP (mmHg)	<b>80 mmHg</b> -FM at 22/07/21 02:07	—	<b>69 mmHg</b> -FM at 22/07/21 01:47	—	—
Temp	<b>36.8 °C (98.2 °F)</b> -FM at 22/07/21 05:55	—	<b>35.4 °C (95.7 °F)</b> -HN at 22/07/21 01:01	—	—
Temp src	<b>Tympanic</b> -FM at 22/07/21 02:11	—	<b>Tympanic</b> -HN at 22/07/21 01:01	—	—
Bair Hugger on	<b>Yes</b> -FM at 22/07/21 02:11	—	—	—	—
Pacemaker	—	—	<b>No</b> -FM at 22/07/21 02:15	—	—
Skin Colour	—	—	<b>Appropriate for ethnicity</b> -FM at 22/07/21 02:15	—	—
Skin Condition/Temp	—	—	<b>Warm</b> -FM at 22/07/21 02:15	—	—
Cyanosis	—	—	<b>None</b> -FM at 22/07/21 02:15	—	—
Capillary Refill - Peripheral	—	—	<b>Less than/equal to 3 seconds</b> -FM at 22/07/21 02:15	—	—
Capillary Refill - Central	—	—	<b>Less than/equal to 3 seconds</b> -FM at 22/07/21 02:15	—	—
Oedema	—	—	<b>None</b> -FM at 22/07/21 02:15	—	—
Additional Assessments Circulation	—	—	<b>No</b> -FM at 22/07/21 02:15	—	—
Anti-Embolism Stockings (TEDS)	—	—	<b>On</b> -FM at 22/07/21 02:15	—	—
Anti-embolism stockings	—	—	<b>Knee length (Left);Knee length (Right)</b> -FM at 22/07/21 02:15	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Skin Intact	—	—	Yes -FM at 22/07/21 02:15	—	—
Eye Opening	—	—	None/Not able to obtain (eg eyes closed by swelling) -FM at 22/07/21 02:15	—	—
Best Verbal Response	—	—	None/Not able to obtain (eg ET or tracheostomy tube) -FM at 22/07/21 02:15	—	—
Best Motor Response	—	—	None -FM at 22/07/21 02:15	—	—
Glasgow Coma Scale Score	—	—	3 -FM at 22/07/21 02:15	—	—
Level of consciousness	—	—	<b>(!) Unresponsive</b> -FM at 22/07/21 02:15	—	—
Richmond Agitation Sedation Scale (RASS)	—	—	Unarousable -FM at 22/07/21 02:15	—	—
Feature 3: Altered Level of Consciousness	—	—	Positive -FM at 22/07/21 02:15	—	—
Pain Scale	—	—	Critical Care Pain Observation Tool -HN at 22/07/21 04:01	—	—
Nausea or vomiting?	—	—	None -HN at 22/07/21 04:01	—	—
Nausea score	—	—	Symptom absent -HN at 22/07/21 04:01	—	—
Vocalisation	—	—	Absent -HN at 22/07/21 04:01	—	—
Facial expression	—	—	Absent -HN at 22/07/21 04:01	—	—
Changes in body language	—	—	Absent -HN at 22/07/21 04:01	—	—
Behavioural change	—	—	Absent -HN at 22/07/21 04:01	—	—
Physiological change	—	—	Absent -HN at 22/07/21 04:01	—	—
Physical change	—	—	Absent -HN at 22/07/21 04:01	—	—
ABBEY PAIN SCORE	—	—	0 -HN at 22/07/21 04:01	—	—
Facial Expression	—	—	Relaxed -HN at 22/07/21 04:01	—	—
Upper Limbs	—	—	No movement -HN at 22/07/21 04:01	—	—
Compliance with Ventilation	—	—	Tolerating movement -HN at 22/07/21 04:01	—	—
Behavioural Pain Scale Total Score	—	—	3 -HN at 22/07/21 04:01	—	—
Facial Expression	—	—	Relaxed, neutral -HN at 22/07/21 04:01	—	—
Body Movements	—	—	Absence of movements or normal position -HN at 22/07/21 04:01	—	—
Compliance with the Ventilator (Intubated Patients)	—	—	Tolerating ventilator or movement -HN at 22/07/21 04:01	—	—
Vocalization (Extubated)	—	—	Talking in normal tone or no sound -HN at 22/07/21 04:01	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Patients)					
Muscle Tension	—	—	Relaxed -HN at 22/07/21 04:01	—	—
Critical-Care Pain Observation Score	—	—	0 -HN at 22/07/21 04:01	—	—
All pressure areas observed	—	—	Yes -HN at 22/07/21 04:01	—	—
Head	—	—	Intact -HN at 22/07/21 04:01	—	—
Left Shoulder	—	—	Intact -HN at 22/07/21 04:01	—	—
Right Shoulder	—	—	Intact -HN at 22/07/21 04:01	—	—
Left Elbow	—	—	Intact -HN at 22/07/21 04:01	—	—
Right Elbow	—	—	Intact -HN at 22/07/21 04:01	—	—
Left Hip	—	—	Intact -HN at 22/07/21 04:01	—	—
Right Hip	—	—	Intact -HN at 22/07/21 04:01	—	—
Left Heel	—	—	Intact -HN at 22/07/21 04:01	—	—
Right Heel	—	—	Intact -HN at 22/07/21 04:01	—	—
Left Buttock	—	—	Intact -HN at 22/07/21 04:01	—	—
Right Buttock	—	—	Intact -HN at 22/07/21 04:01	—	—
Sacrum	—	—	Intact -HN at 22/07/21 04:01	—	—
Face	—	—	Yes -HN at 22/07/21 04:01	—	—
Right Cheek	—	—	Intact -HN at 22/07/21 04:01	—	—
Left Cheek	—	—	Intact -HN at 22/07/21 04:01	—	—
Right Ear	—	—	Intact -HN at 22/07/21 04:01	—	—
Left Ear	—	—	Intact -HN at 22/07/21 04:01	—	—
Nose	—	—	Intact -HN at 22/07/21 04:01	—	—
Forehead	—	—	Intact -HN at 22/07/21 04:01	—	—
Chin	—	—	Intact -HN at 22/07/21 04:01	—	—
Other	—	—	Intact -HN at 22/07/21 04:01	—	—
VAC Dressing/Complex Dressing	—	—	No -HN at 22/07/21 04:01	—	—
SEM Scanner Readings	—	—	No -HN at 22/07/21 04:01	—	—
Surface	—	—	Duo mattress -HN at 22/07/21 04:01	—	—
Oral care	Moistened oral swabs -HN at 22/07/21 06:19	—	—	—	—
<b>Row Name</b>	<b>22/07/21 00:00</b>	<b>21/07/21 23:06</b>	<b>21/07/21 23:00</b>	<b>21/07/21 22:00</b>	<b>21/07/21 21:21</b>
ETT Properties	Placement Date: 18/07/21 -RCA, 19/07/21 01:16 Placement Time: 16:00 -RCA, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RCA, 19/07/21 01:16 Cuffed: Yes -RCA, 19/07/21 01:16 Location: Oral -RCA, 19/07/21 01:16 Grade View: Full view of the glottis -RCA, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RCA, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
FiO2 (%)	30 % -HN at 22/07/21 00:25	—	50 % -HN at 21/07/21 23:16	50 % -HN at 21/07/21 22:09	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

O2 delivery device	Endotracheal tube -HN at 22/07/21 00:25	—	Endotracheal tube -HN at 21/07/21 23:16	—	—
SpO2	97 % -HN at 22/07/21 00:25	—	100 % -HN at 22/07/21 00:25	98 % -HN at 21/07/21 22:10	—
Resp	16 -HN at 22/07/21 00:25	—	16 -HN at 21/07/21 23:16	12 -HN at 21/07/21 22:09	—
ETCO2 (kPa)	6.7 kPa -HN at 22/07/21 00:25	—	5.4 kPa -HN at 22/07/21 00:25	7.2 kPa -HN at 21/07/21 22:10	—
Device Name	—	—	—	Servo-u -HN at 21/07/21 22:09	—
Vent Mode	—	—	—	Synchronised intermittent mandatory ventilation/pressure control -HN at 21/07/21 22:09	—
Resp Rate (Set)	16 -HN at 22/07/21 00:25	—	16 -HN at 21/07/21 23:16	12 -HN at 21/07/21 22:09	—
Resp Rate Observed	16 -HN at 22/07/21 00:25	—	16 -HN at 21/07/21 23:16	12 -HN at 21/07/21 22:09	—
PEEP achieved (cmH2O)	4.8 cm H2O -HN at 22/07/21 00:25	—	4.8 cm H2O -HN at 22/07/21 00:25	4.8 cm H2O -HN at 21/07/21 22:10	—
PEEP/CPAP set (cmH2O)	5 cmH2O -HN at 22/07/21 00:25	—	5 cmH2O -HN at 22/07/21 00:25	5 cmH2O -HN at 21/07/21 22:10	—
Pressure Support (cm H2O)	10 cm H2O -HN at 22/07/21 00:25	—	10 cm H2O -HN at 22/07/21 00:25	10 cm H2O -HN at 21/07/21 22:10	—
PC Set	10 -HN at 22/07/21 00:25	—	12 -HN at 22/07/21 00:25	12 -HN at 21/07/21 22:10	—
Tidal Volume achieved (ml)	349.4 mL -HN at 22/07/21 00:25	—	410.8 mL -HN at 22/07/21 00:25	384.4 mL -HN at 21/07/21 22:10	—
Vt ml/kg	6.4 ml/kg -HN at 22/07/21 00:25	—	7.5 ml/kg -HN at 22/07/21 00:25	7 ml/kg -HN at 21/07/21 22:10	—
Minute Ventilation (L/min)	5.5 L/min -HN at 22/07/21 00:25	—	6.6 L/min -HN at 22/07/21 00:25	4.5 L/min -HN at 21/07/21 22:10	—
Ppeak (cm H2O)	17 cm H2O -HN at 22/07/21 00:25	—	15 cm H2O -HN at 21/07/21 23:16	—	—
Pmean MAP (cmH2O)	7.4 cm H2O -HN at 22/07/21 00:25	—	7.9 cm H2O -HN at 22/07/21 00:25	7.2 cm H2O -HN at 21/07/21 22:10	—
Trigger Sensitivity Flow (L/min)	1.41 L/min -HN at 22/07/21 00:25	—	1.41 L/min -HN at 22/07/21 00:25	1.41 L/min -HN at 21/07/21 22:10	—
Source (from Blood Gas - read only)	—	Arterial 21/07/21 23:06	—	—	Arterial 21/07/21 21:21
FiO2 (from Blood Gas - read only)	—	50 21/07/21 23:06	—	—	21 21/07/21 21:21
pH (from Blood Gas - read only)	—	(!) 7.314 21/07/21 23:06	—	—	(!) 7.162 21/07/21 21:21
PCO2 (from Blood Gas - read only)	—	(!) 3.8 21/07/21 23:06	—	—	(!) 9.71 21/07/21 21:21
PO2 (from Blood Gas - read only)	—	(!) 32.4 21/07/21 23:06	—	—	(!) 63.5 21/07/21 21:21
HCO3- (from Blood Gas - read only)	—	16 21/07/21 23:06	—	—	21 21/07/21 21:21
Base Excess (from Blood Gas - read only)	—	-11.7 21/07/21 23:06	—	—	-2.6 21/07/21 21:21
Total Hb (from Blood Gas - read only)	—	(!) 87 21/07/21 23:06	—	—	134 21/07/21 21:21
SaO2 (from Blood Gas - read only)	—	(!) 99.8 21/07/21 23:06	—	—	(!) 99.9 21/07/21 21:21

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

only)				
Oxyhaemoglobin (from Blood Gas - read only)	—	<b>98.3</b> 21/07/21 23:06	—	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	<b>0.6</b> 21/07/21 23:06	—	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	<b>(!) 0.2</b> 21/07/21 23:06	—	—
Methaemoglobin (from Blood Gas - read only)	—	<b>0.9</b> 21/07/21 23:06	—	—
Haematocrit (from Blood Gas - read only)	—	<b>26.7</b> 21/07/21 23:06	—	—
Sodium (from Blood Gas - read only)	—	<b>(!) 149</b> 21/07/21 23:06	—	—
Potassium (from Blood Gas - read only)	—	<b>(!) 2.9</b> 21/07/21 23:06	—	—
Ionised Calcium (from Blood Gas - read only)	—	<b>(!) 0.84</b> 21/07/21 23:06	—	—
Chloride (from Blood Gas - read only)	—	<b>(!) 132</b> 21/07/21 23:06	—	—
Glucose (from Blood Gas - read only)	—	<b>5.8</b> 21/07/21 23:06	—	—
Lactate (from Blood Gas - read only)	—	<b>0.4</b> 21/07/21 23:06	—	—
Oxygen Content (from Blood Gas - read only)	—	<b>5.7</b> 21/07/21 23:06	—	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	<b>3.76</b> 21/07/21 23:06	—	—
PO2 (from Blood Gas - read only)	—	<b>(!) 32.4</b> 21/07/21 23:06	—	—
Pulse	<b>105</b> -HN at 22/07/21 00:25	—	<b>102</b> -HN at 22/07/21 00:25	<b>110</b> -HN at 21/07/21 22:10
Pulse source	<b>Monitor</b> -HN at 22/07/21 00:25	—	—	<b>Monitor</b> -HN at 21/07/21 22:06
Cardiac Rhythm	<b>Sinus tachycardia</b> -HN at 22/07/21 00:25	—	—	<b>Sinus tachycardia</b> -HN at 21/07/21 22:06
BP	<b>128/58</b> -HN at 22/07/21 00:25	—	—	—
MAP (mmHg)	<b>83</b> -HN at 22/07/21 00:25	—	—	—
Arterial Line BP	<b>68/60</b> -HN at 22/07/21 00:25	—	<b>88/74</b> -HN at 22/07/21 00:25	<b>91/61</b> -HN at 21/07/21 22:10
Arterial Line MAP (mmHg)	<b>66 mmHg</b> -HN at 22/07/21 00:25	—	<b>82 mmHg</b> -HN at 22/07/21 00:25	<b>74 mmHg</b> -HN at 21/07/21 22:10
Temp	<b>(!) 35 °C (95 °F)</b> -HN at 22/07/21 00:25	—	—	<b>(!) 34.1 °C (93.4 °F)</b> -HN at 21/07/21 22:06
Temp src	<b>Tympanic</b> -HN at 22/07/21 00:25	—	—	—
Bair Hugger on	<b>Yes</b> -HN at 22/07/21 00:25	—	—	<b>Yes</b> -HN at 21/07/21 22:06
VAC Dressing/Compl	<b>No</b> -FM at 22/07/21 02:15	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

ex Dressing					
SEM Scanner Readings	No -FM at 22/07/21 02:15	—	—	—	—
Surface	Duo mattress -FM at 22/07/21 02:15	—	—	—	—
Reposition	Bed - Tilt Left 60 degrees -FM at 22/07/21 02:15	—	—	Bed - Tilt Right 60 degrees -HN at 22/07/21 06:19	—
Positioning Frequency	3 hourly -FM at 22/07/21 02:15	—	—	3 hourly -HN at 22/07/21 06:19	—
Analgesia Required	No -FM at 22/07/21 02:15	—	—	—	—
Patient clean and dry	Yes -FM at 22/07/21 02:15	—	—	Yes -HN at 22/07/21 06:19	—
Urinary catheter/BMS patent and draining	Yes -FM at 22/07/21 02:15	—	—	—	—
Soiling	Sweat -FM at 22/07/21 02:15	—	—	—	—
Absorbent incontinence aids in use	No -FM at 22/07/21 02:15	—	—	—	—
Skin Protection	Barrier Cream -FM at 22/07/21 02:15	—	—	—	—
Bathing	—	—	—	Bath;Dependent -HN at 22/07/21 06:19	—
Dressing assessment	—	—	—	Dependent -HN at 22/07/21 06:19	—
Perianal care	—	—	—	Moisture barrier cream applied -HN at 22/07/21 06:19	—
Oral care	Moistened oral swabs;Lip balm -HN at 22/07/21 06:19	—	—	Lip balm;Moistened oral swabs -HN at 22/07/21 06:19	—
Linen changed	—	—	—	Total bed change -HN at 22/07/21 06:19	—
Eye Care	—	—	—	Delivered -HN at 22/07/21 06:19	—
Personal Hygiene Assessment	—	—	—	Requires assistance -HN at 22/07/21 06:19	—
<b>Row Name</b>	<b>21/07/21 21:11</b>	<b>21/07/21 21:06</b>	<b>21/07/21 21:01</b>	<b>21/07/21 21:00</b>	<b>21/07/21 20:51</b>
Natural airway patent?	—	—	—	Yes -HN at 21/07/21 23:26	—
Airway LDA	—	—	—	Endotracheal tube -HN at 21/07/21 23:26	—
Abnormal airway sounds	—	—	—	N/A -HN at 21/07/21 23:26	—
Any airway obstruction?	—	—	—	N/A -HN at 21/07/21 23:26	—
ETT Properties	Placement Date: 18/07/21 -RCA, 19/07/21 01:16 Placement Time: 16:00 -RCA, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RCA, 19/07/21 01:16 Cuffed: Yes -RCA, 19/07/21 01:16 Location: Oral -RCA, 19/07/21 01:16 Grade View: Full view of the glottis -RCA, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RCA, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Secured at (cm)	—	—	—	23 cm -HN at 21/07/21 23:26	—
Measured from	—	—	—	Lips -HN at 21/07/21 23:26	—
Tube Position	—	—	—	Right -HN at 21/07/21 23:26	—
Secured by	—	—	—	AnchorFast -HN at 21/07/21 23:26	—
Site Condition	—	—	—	Intact -HN at 21/07/21 23:26	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Cuff Pressure	—	—	—	30 cm H2O -HN at 21/07/21 23:26	—
Cuff leak present	—	—	—	No -HN at 21/07/21 23:26	—
Airway Interventions	—	—	—	Airway suction -HN at 21/07/21 23:26	—
Manoeuvres	—	—	—	Not applicable -HN at 21/07/21 23:26	—
Suction Type	—	—	—	Endotracheal -HN at 21/07/21 23:26	—
Suction Device	—	—	—	Inline endotracheal catheter -HN at 21/07/21 23:26	—
Secretion Amount	—	—	—	None -HN at 21/07/21 23:26	—
Secretion Colour	—	—	—	Creamy -HN at 21/07/21 23:26	—
Secretion Consistency	—	—	—	Thick -HN at 21/07/21 23:26	—
Suction Tolerance	—	—	—	Tolerated well -HN at 21/07/21 23:26	—
Suctioning Adverse Effects	—	—	—	None -HN at 21/07/21 23:26	—
Suction Type	—	—	—	Oral -HN at 21/07/21 23:26	—
Suction Device	—	—	—	Yankeur -HN at 21/07/21 23:26	—
Secretion Amount	—	—	—	Small -HN at 21/07/21 23:26	—
Secretion Colour	—	—	—	Creamy -HN at 21/07/21 23:26	—
Secretion Consistency	—	—	—	Thick -HN at 21/07/21 23:26	—
Suction Tolerance	—	—	—	Tolerated well -HN at 21/07/21 23:26	—
Suctioning Adverse Effects	—	—	—	None -HN at 21/07/21 23:26	—
FiO2 (%)	—	—	—	80 % -HN at 21/07/21 22:06	—
O2 delivery device	—	—	—	Endotracheal tube -HN at 21/07/21 22:06	—
SpO2	—	—	—	100 % -HN at 21/07/21 22:10	—
ETCO2 (kPa)	—	—	—	4.8 kPa -HN at 21/07/21 22:10	—
PEEP achieved (cmH2O)	—	—	—	5 cm H2O -HN at 21/07/21 22:10	—
PEEP/CPAP set (cmH2O)	—	—	—	5 cmH2O -HN at 21/07/21 22:10	—
Pressure Support (cm H2O)	—	—	—	10 cm H2O -HN at 21/07/21 22:10	—
PC Set	—	—	—	12 -HN at 21/07/21 22:10	—
Tidal Volume achieved (ml)	—	—	—	396.2 mL -HN at 21/07/21 22:10	—
Vt ml/kg	—	—	—	7.2 ml/kg -HN at 21/07/21 22:10	—
Minute Ventilation (L/min)	—	—	—	7 L/min -HN at 21/07/21 22:10	—
Pmean MAP (cmH2O)	—	—	—	8.3 cm H2O -HN at 21/07/21 22:10	—
Trigger Sensitivity Flow (L/min)	—	—	—	1.41 L/min -HN at 21/07/21 22:10	—
HME	—	—	—	Yes	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

				-HN at 21/07/21 22:06	
CO2 Water Trap Checked	—	—	—	Yes	—
				-HN at 21/07/21 22:06	
Source (from Blood Gas - read only)	Arterial 21/07/21 21:11	Arterial 21/07/21 21:06	Arterial 21/07/21 21:01	—	Arterial 21/07/21 20:51
FiO2 (from Blood Gas - read only)	21 21/07/21 21:11	21 21/07/21 21:06	21 21/07/21 21:01	—	21 21/07/21 20:51
pH (from Blood Gas - read only)	(!) 7.32 21/07/21 21:11	7.354 21/07/21 21:06	(!) 7.341 21/07/21 21:01	—	(!) 7.329 21/07/21 20:51
PCO2 (from Blood Gas - read only)	(!) 6.06 21/07/21 21:11	5.55 21/07/21 21:06	5.78 21/07/21 21:01	—	5.84 21/07/21 20:51
PO2 (from Blood Gas - read only)	(!) 57.8 21/07/21 21:11	(!) 61.2 21/07/21 21:06	(!) 61 21/07/21 21:01	—	(!) 56.3 21/07/21 20:51
HCO3- (from Blood Gas - read only)	22.1 21/07/21 21:11	22.6 21/07/21 21:06	22.4 21/07/21 21:01	—	22 21/07/21 20:51
Base Excess (from Blood Gas - read only)	-2.7 21/07/21 21:11	-2.3 21/07/21 21:06	-2.3 21/07/21 21:01	—	-3 21/07/21 20:51
Total Hb (from Blood Gas - read only)	132 21/07/21 21:11	128 21/07/21 21:06	130 21/07/21 21:01	—	126 21/07/21 20:51
SaO2 (from Blood Gas - read only)	(!) 99.9 21/07/21 21:11	(!) 100 21/07/21 21:06	(!) 99.8 21/07/21 21:01	—	(!) 99.8 21/07/21 20:51
Oxyhaemoglobin (from Blood Gas - read only)	98.7 21/07/21 21:11	98.7 21/07/21 21:06	98.3 21/07/21 21:01	—	98.4 21/07/21 20:51
Carboxyhaemoglobin (from Blood Gas - read only)	0.6 21/07/21 21:11	0.6 21/07/21 21:06	0.5 21/07/21 21:01	—	0.5 21/07/21 20:51
Deoxyhaemoglobin (from Blood Gas - read only)	(!) 0.1 21/07/21 21:11	(!) 0 21/07/21 21:06	(!) 0.2 21/07/21 21:01	—	(!) 0.2 21/07/21 20:51
Methaemoglobin (from Blood Gas - read only)	0.6 21/07/21 21:11	0.7 21/07/21 21:06	1 21/07/21 21:01	—	0.9 21/07/21 20:51
Haematocrit (from Blood Gas - read only)	40.4 21/07/21 21:11	39.3 21/07/21 21:06	39.9 21/07/21 21:01	—	38.7 21/07/21 20:51
Sodium (from Blood Gas - read only)	(!) 149 21/07/21 21:11	(!) 149 21/07/21 21:06	(!) 149 21/07/21 21:01	—	(!) 149 21/07/21 20:51
Potassium (from Blood Gas - read only)	4.2 21/07/21 21:11	4.4 21/07/21 21:06	4.2 21/07/21 21:01	—	3.9 21/07/21 20:51
Ionised Calcium (from Blood Gas - read only)	1.2 21/07/21 21:11	1.21 21/07/21 21:06	1.22 21/07/21 21:01	—	1.2 21/07/21 20:51
Chloride (from Blood Gas - read only)	(!) 120 21/07/21 21:11	(!) 120 21/07/21 21:06	(!) 120 21/07/21 21:01	—	(!) 120 21/07/21 20:51
Glucose (from Blood Gas - read only)	(!) 7.1 21/07/21 21:11	(!) 7.6 21/07/21 21:06	(!) 7.9 21/07/21 21:01	—	(!) 8.6 21/07/21 20:51
Lactate (from Blood Gas - read only)	0.8 21/07/21 21:11	0.8 21/07/21 21:06	0.8 21/07/21 21:01	—	0.8 21/07/21 20:51
Oxygen Content (from Blood Gas - read only)	8.7 21/07/21 21:11	8.5 21/07/21 21:06	8.6 21/07/21 21:01	—	8.3 21/07/21 20:51
O2 Tension at 50% saturation	3.85 21/07/21 21:11	3.7 21/07/21 21:06	3.75 21/07/21 21:01	—	3.8 21/07/21 20:51

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

(from Blood Gas  
- read only)

	<b>(!) 57.8</b> 21/07/21 21:11	<b>(!) 61.2</b> 21/07/21 21:06	<b>(!) 61</b> 21/07/21 21:01	—	<b>(!) 56.3</b> 21/07/21 20:51
PO2 (from Blood Gas - read only)					
Pulse	—	—	—	93 -HN at 21/07/21 22:10	—
Pulse source	—	—	—	Monitor -HN at 21/07/21 22:06	—
Cardiac Rhythm	—	—	—	Normal sinus rhythm -HN at 21/07/21 22:06	—
Arterial Line BP	—	—	—	62/23 -HN at 21/07/21 22:10	—
Arterial Line MAP (mmHg)	—	—	—	46 mmHg -HN at 21/07/21 22:10	—
Pacemaker	—	—	—	No -HN at 21/07/21 23:26	—
Skin Colour	—	—	—	Appropriate for ethnicity -HN at 21/07/21 23:26	—
Skin Condition/Temp	—	—	—	Warm;Dry -HN at 21/07/21 23:26	—
Cyanosis	—	—	—	None -HN at 21/07/21 23:26	—
Capillary Refill - Peripheral	—	—	—	Less than/equal to 3 seconds -HN at 21/07/21 23:26	—
Capillary Refill - Central	—	—	—	Less than/equal to 3 seconds -HN at 21/07/21 23:26	—
Oedema	—	—	—	None -HN at 21/07/21 23:26	—
Anti-Embolism Stockings (TEDS)	—	—	—	On -HN at 21/07/21 23:26	—
Anti-embolism stockings	—	—	—	Knee length (Left);Knee length (Right) -HN at 21/07/21 23:26	—
Skin Intact	—	—	—	Yes -HN at 21/07/21 23:26	—
Eye Opening	—	—	—	None/Not able to obtain (eg eyes closed by swelling) -HN at 21/07/21 23:26	—
Best Verbal Response	—	—	—	None/Not able to obtain (eg ET or tracheostomy tube) -HN at 21/07/21 23:26	—
Best Motor Response	—	—	—	None -HN at 21/07/21 23:26	—
Glasgow Coma Scale Score	—	—	—	3 -HN at 21/07/21 23:26	—
Level of consciousness	—	—	—	<b>(!) Unresponsive</b> -HN at 21/07/21 23:26	—
Reason Unresponsive	—	—	—	Comatose -HN at 21/07/21 23:26	—
Richmond Agitation Sedation Scale (RASS)	—	—	—	Unarousable -HN at 21/07/21 23:26	—
R Pupil Size (mm)	—	—	—	7 -HN at 21/07/21 23:26	—
R Pupil Reaction	—	—	—	Nonreactive -HN at 21/07/21 23:26	—
R Pupil Shape	—	—	—	Round -HN at 21/07/21 23:26	—
L Pupil Size	—	—	—	7	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

(mm)				-HN at 21/07/21 23:26	
L Pupil Reaction	—	—	—	<b>Nonreactive</b>	—
				-HN at 21/07/21 23:26	
L Pupil Shape	—	—	—	<b>Round</b>	—
				-HN at 21/07/21 23:26	
Limb Power Assessment	—	—	—	<b>Yes</b>	—
				-HN at 21/07/21 23:26	
Right upper limb power	—	—	—	<b>Nil</b>	—
				-HN at 21/07/21 23:26	
Left upper limb power	—	—	—	<b>Nil</b>	—
				-HN at 21/07/21 23:26	
Right lower limb power	—	—	—	<b>Nil</b>	—
				-HN at 21/07/21 23:26	
Left lower limb power	—	—	—	<b>Nil</b>	—
				-HN at 21/07/21 23:26	
Neuro Symptoms	—	—	—	<b>None</b>	—
				-HN at 21/07/21 23:26	
Continuous EEG	—	—	—	<b>No</b>	—
				-HN at 21/07/21 23:26	
Feature 3: Altered Level of Consciousness	—	—	—	<b>Positive</b>	—
				-HN at 21/07/21 23:26	
Pain Scale	—	—	—	<b>Critical Care Pain Observation Tool</b>	—
				-HN at 21/07/21 23:26	
Nausea or vomiting?	—	—	—	<b>None</b>	—
				-HN at 21/07/21 23:26	
Nausea score	—	—	—	<b>Symptom absent</b>	—
				-HN at 21/07/21 23:26	
Vocalisation	—	—	—	<b>Absent</b>	—
				-HN at 21/07/21 23:26	
Facial expression	—	—	—	<b>Absent</b>	—
				-HN at 21/07/21 23:26	
Changes in body language	—	—	—	<b>Absent</b>	—
				-HN at 21/07/21 23:26	
Behavioural change	—	—	—	<b>Absent</b>	—
				-HN at 21/07/21 23:26	
Physiological change	—	—	—	<b>Absent</b>	—
				-HN at 21/07/21 23:26	
Facial Expression	—	—	—	<b>Relaxed</b>	—
				-HN at 21/07/21 23:26	
Upper Limbs	—	—	—	<b>No movement</b>	—
				-HN at 21/07/21 23:26	
Compliance with Ventilation	—	—	—	<b>Tolerating movement</b>	—
				-HN at 21/07/21 23:26	
Behavioural Pain Scale Total Score	—	—	—	<b>3</b>	—
				-HN at 21/07/21 23:26	
Facial Expression	—	—	—	<b>Relaxed, neutral</b>	—
				-HN at 21/07/21 23:26	
Body Movements	—	—	—	<b>Absence of movements or normal position</b>	—
				-HN at 21/07/21 23:26	
Compliance with the Ventilator (Intubated Patients)	—	—	—	<b>Tolerating ventilator or movement</b>	—
				-HN at 21/07/21 23:26	
Vocalization (Extubated Patients)	—	—	—	<b>Talking in normal tone or no sound</b>	—
				-HN at 21/07/21 23:26	
Muscle Tension	—	—	—	<b>Relaxed</b>	—
				-HN at 21/07/21 23:26	
Critical-Care Pain	—	—	—	<b>0</b>	—
				-HN at 21/07/21 23:26	

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Observation Score					
Communication Needs	—	—	—	None	—
				-HN at 21/07/21 23:26	
Abdomen Inspection	—	—	—	Soft	—
				-HN at 21/07/21 23:26	
Bowel Sounds (All Quadrants)	—	—	—	Hypoactive	—
				-HN at 21/07/21 23:26	
Passing Flatus	—	—	—	No	—
				-HN at 21/07/21 23:26	
GI Symptoms	—	—	—	None	—
				-HN at 21/07/21 23:26	
Faecal devices	—	—	—	None	—
				-HN at 21/07/21 23:26	
Bowel Opened?	—	—	—	No	—
				-HN at 21/07/21 23:26	
Urinary Incontinence	—	—	—	No	—
				-HN at 21/07/21 23:26	
Urine Colour	—	—	—	Colourless	—
				-HN at 21/07/21 23:26	
Urine Appearance	—	—	—	Clear	—
				-HN at 21/07/21 23:26	
Urine Odour	—	—	—	Unable to assess	—
				-HN at 21/07/21 23:26	
All pressure areas observed	—	—	—	No (Comment)	—
				-HN at 21/07/21 23:26	
Head	—	—	—	Intact	—
				-HN at 21/07/21 23:26	
Left Shoulder	—	—	—	Intact	—
				-HN at 21/07/21 23:26	
Right Shoulder	—	—	—	Intact	—
				-HN at 21/07/21 23:26	
Left Elbow	—	—	—	Intact	—
				-HN at 21/07/21 23:26	
Right Elbow	—	—	—	Intact	—
				-HN at 21/07/21 23:26	
Left Hip	—	—	—	Intact	—
				-HN at 21/07/21 23:26	
Right Hip	—	—	—	Intact	—
				-HN at 21/07/21 23:26	
Left Heel	—	—	—	Intact	—
				-HN at 21/07/21 23:26	
Right Heel	—	—	—	Intact	—
				-HN at 21/07/21 23:26	
Face	—	—	—	Yes	—
				-HN at 21/07/21 23:26	
Right Cheek	—	—	—	Intact	—
				-HN at 21/07/21 23:26	
Left Cheek	—	—	—	Intact	—
				-HN at 21/07/21 23:26	
Right Ear	—	—	—	Intact	—
				-HN at 21/07/21 23:26	
Left Ear	—	—	—	Intact	—
				-HN at 21/07/21 23:26	
Nose	—	—	—	Intact	—
				-HN at 21/07/21 23:26	
Forehead	—	—	—	Intact	—
				-HN at 21/07/21 23:26	
Chin	—	—	—	Intact	—
				-HN at 21/07/21 23:26	
Other	—	—	—	Intact	—
				-HN at 21/07/21 23:26	
VAC Dressing/Complex Dressing	—	—	—	No	—
				-HN at 21/07/21 23:26	
SEM Scanner Readings	—	—	—	No	—
				-HN at 21/07/21 23:26	
Surface	—	—	—	Duo mattress	—
				-HN at 21/07/21 23:26	

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Reposition	—	—	—	Bed - Tilt Right 60 degrees -FM at 22/07/21 02:15	—
Positioning Frequency	—	—	—	3 hourly -FM at 22/07/21 02:15	—
Analgesia Required	—	—	—	No -FM at 22/07/21 02:15	—
Patient clean and dry	—	—	—	Yes -HN at 21/07/21 23:26	—
Urinary catheter/BMS patent and draining	—	—	—	Yes -HN at 21/07/21 23:26	—
Absorbent incontinence aids in use	—	—	—	Yes -HN at 21/07/21 23:26	—
Diet	—	—	—	Outside normal limits -HN at 21/07/21 23:26	—
Nutrition	—	—	—	Probably inadequate -HN at 21/07/21 23:26	—
Diet	—	—	—	Enteral -HN at 21/07/21 23:26	—
Requires dietitian review	—	—	—	Yes (Comment) -HN at 21/07/21 23:26	—
SSKIN Interventions	—	—	—	On pressure relieving mattress -HN at 21/07/21 23:26	—
Personal Hygiene Assessment	—	—	—	Requires assistance -HN at 21/07/21 23:26	—
History of Falls	—	—	—	None -HN at 21/07/21 23:26	—
Mobility / Gait / Footwear Risk Factors	—	—	—	None -HN at 21/07/21 23:26	—
Mental State Risk Factors	—	—	—	Brain Impairment -HN at 21/07/21 23:26	—
Medication and BP Risk Factors	—	—	—	On 4 or more medications -HN at 21/07/21 23:26	—
Is there a lying standing BP deficit?	—	—	—	(!) Not done (state rational) – comments -HN at 21/07/21 23:26	—
Vision Risk Factors	—	—	—	None -HN at 21/07/21 23:26	—
Bedside Area Risk Factors	—	—	—	Has been assessed for bed rails / trolley rails or ultra low bed;Curtains drawn back so that patient is in view -HN at 21/07/21 23:26	—
Patient fell on ward or in the hospital	—	—	—	No (please comment) -HN at 21/07/21 23:26	—
Falls Prevention Aids	—	—	—	Bed rails -HN at 21/07/21 23:26	—
Are environmental measures required to reduce the risk of falls?	—	—	—	Bed lowest height possible;Bed placement within view of nurses station -HN at 21/07/21 23:26	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Does the patient require bed or trolley rails?	—	—	—	<b>Both sides</b> -HN at 21/07/21 23:26	—
Patient displaying any behaviours that may increase risk of falling?	—	—	—	<b>No</b> -HN at 21/07/21 23:26	—
Patient aware of falls risk and agreed to planned interventions?	—	—	—	<b>No</b> -HN at 21/07/21 23:26	—
Turning Patient in Bed - Help Needed?	—	—	—	<b>Yes</b> -HN at 21/07/21 23:26	—
Number of Staff Required?	—	—	—	<b>3</b> -HN at 21/07/21 23:26	—
Equipment Needed & Further Information	—	—	—	<b>sliding sheet</b> -HN at 21/07/21 23:26	—
Moving Patient Up and Down the Bed - Help Needed?	—	—	—	<b>Yes</b> -HN at 21/07/21 23:26	—
Number of Staff Required?	—	—	—	<b>3</b> -HN at 21/07/21 23:26	—
Equipment Needed & Further Information	—	—	—	<b>sliding sheet</b> -HN at 21/07/21 23:26	—
Patient Lying to Sitting in Bed - Help Needed?	—	—	—	<b>Yes</b> -HN at 21/07/21 23:26	—
Patient Lying to Sitting in Bed - No. of Staff Required	—	—	—	<b>3</b> -HN at 21/07/21 23:26	—
Equipment Needed & Further Information	—	—	—	<b>sliding sheet</b> -HN at 21/07/21 23:26	—
Damp dusting	—	—	—	<b>Yes</b> -HN at 21/07/21 23:26	—
Disposable equipment in date	—	—	—	<b>Yes</b> -HN at 21/07/21 23:26	—
Spare oral airways	—	—	—	<b>Yes</b> -HN at 21/07/21 23:26	—
Oxygen and suction working	—	—	—	<b>Yes</b> -HN at 21/07/21 23:26	—
Rebreath and Ambu bag available	—	—	—	<b>Yes</b> -HN at 21/07/21 23:26	—
Visor/Goggles at bedside	—	—	—	<b>Yes</b> -HN at 21/07/21 23:26	—
Spare oxygen cylinder	—	—	—	<b>Yes</b> -HN at 21/07/21 23:26	—
Spare trachy inner tubes/dilator	—	—	—	<b>N/A</b> -HN at 21/07/21 23:26	—
Suction equipment available	—	—	—	<b>Yes</b> -HN at 21/07/21 23:26	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Monitor alarms appropriate	—	—	—	Yes -HN at 21/07/21 23:26	—
Ventilator alarms appropriate	—	—	—	Yes -HN at 21/07/21 23:26	—
Transducer	—	—	—	Transducer kit labelled correctly; Transducer/s re-zeroed -HN at 21/07/21 23:26	—
Medications/MAR	—	—	—	Prescriptions/dosages checked and correct; Allergies checked and documented; Giving sets/lines in date -HN at 21/07/21 23:26	—
Nutrition status assessed?	—	—	—	Yes - appropriate nutrition plan in place -HN at 21/07/21 23:26	—
Resus status up to date	—	—	—	Yes -HN at 21/07/21 23:26	—
Name band in situ	—	—	—	Yes -HN at 21/07/21 23:26	—
NOK details correct	—	—	—	Yes -HN at 21/07/21 23:26	—
Property checked	—	—	—	Yes -HN at 21/07/21 23:26	—
<b>Row Name</b>	<b>21/07/21 20:42</b>	<b>21/07/21 20:33</b>	<b>21/07/21 20:19</b>	<b>21/07/21 20:00</b>	<b>21/07/21 19:57</b>
ETT Properties	Placement Date: 18/07/21 -RCA, 19/07/21 01:16 Placement Time: 16:00 -RCA, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RCA, 19/07/21 01:16 Cuffed: Yes -RCA, 19/07/21 01:16 Location: Oral -RCA, 19/07/21 01:16 Grade View: Full view of the glottis -RCA, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RCA, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
FiO2 (%)	—	—	—	21 % -ZS at 21/07/21 20:46	—
O2 delivery device	—	—	—	Endotracheal tube -ZS at 21/07/21 20:46	—
SpO2	—	—	—	99 % -ZS at 21/07/21 20:30	—
Resp	—	—	—	— -ZS at 21/07/21 20:46	—
ETCO2 (kPa)	—	—	—	5.7 kPa -ZS at 21/07/21 20:30	—
Device Name	—	—	—	Servo-u -ZS at 21/07/21 20:46	—
Vent Mode	—	—	—	Synchronised intermittent mandatory ventilation/pressure control -ZS at 21/07/21 20:46	—
PEEP achieved (cmH2O)	—	—	—	4.6 cm H2O -ZS at 21/07/21 20:30	—
PEEP/CPAP set (cmH2O)	—	—	—	5 cmH2O -ZS at 21/07/21 20:30	—
Pressure Support (cm H2O)	—	—	—	10 cm H2O -ZS at 21/07/21 20:30	—
PC Set	—	—	—	12 -ZS at 21/07/21 20:30	—
Tidal Volume achieved (ml)	—	—	—	424 mL -ZS at 21/07/21 20:30	—
Vt ml/kg	—	—	—	7.7 ml/kg -ZS at 21/07/21 20:30	—
Minute	—	—	—	3.4 L/min	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Ventilation (L/min)	-ZS at 21/07/21 20:30				
Ppeak (cm H2O)	—	—	—	17 cm H2O	—
	-ZS at 21/07/21 20:46				
Pmean MAP (cmH2O)	—	—	—	6.3 cm H2O	—
	-ZS at 21/07/21 20:30				
Trigger Sensitivity Flow (L/min)	—	—	—	1.41 L/min	—
	-ZS at 21/07/21 20:30				
Source (from Blood Gas - read only)	Arterial 21/07/21 20:42	Arterial 21/07/21 20:33	Arterial 21/07/21 20:19	—	Arterial 21/07/21 19:57
FiO2 (from Blood Gas - read only)	21 21/07/21 20:42	21 21/07/21 20:33	21 21/07/21 20:19	—	21 21/07/21 19:57
pH (from Blood Gas - read only)	(!) 7.333 21/07/21 20:42	(!) 7.307 21/07/21 20:33	(!) 7.138 21/07/21 20:19	—	7.36 21/07/21 19:57
PCO2 (from Blood Gas - read only)	5.69 21/07/21 20:42	(!) 6.05 21/07/21 20:33	(!) 10.3 21/07/21 20:19	—	(!) 6.02 21/07/21 19:57
PO2 (from Blood Gas - read only)	(!) 61.4 21/07/21 20:42	(!) 57.3 21/07/21 20:33	(!) 62.4 21/07/21 20:19	—	(!) 52 21/07/21 19:57
HCO3- (from Blood Gas - read only)	21.8 21/07/21 20:42	21.3 21/07/21 20:33	20.6 21/07/21 20:19	—	24.2 21/07/21 19:57
Base Excess (from Blood Gas - read only)	-3.2 21/07/21 20:42	-3.7 21/07/21 20:33	-3 21/07/21 20:19	—	0 21/07/21 19:57
Total Hb (from Blood Gas - read only)	128 21/07/21 20:42	127 21/07/21 20:33	131 21/07/21 20:19	—	130 21/07/21 19:57
SaO2 (from Blood Gas - read only)	(!) 99.9 21/07/21 20:42	(!) 99.9 21/07/21 20:33	(!) 99.3 21/07/21 20:19	—	(!) 99.3 21/07/21 19:57
Oxyhaemoglobin (from Blood Gas - read only)	98.5 21/07/21 20:42	98.3 21/07/21 20:33	98.4 21/07/21 20:19	—	98.7 21/07/21 19:57
Carboxyhaemoglobin (from Blood Gas - read only)	0.6 21/07/21 20:42	0.6 21/07/21 20:33	(!) 0.1 21/07/21 20:19	—	(!) 0 21/07/21 19:57
Deoxyhaemoglobin (from Blood Gas - read only)	(!) 0.1 21/07/21 20:42	(!) 0.1 21/07/21 20:33	(!) 0.7 21/07/21 20:19	—	(!) 0.7 21/07/21 19:57
Methaemoglobin (from Blood Gas - read only)	0.8 21/07/21 20:42	1 21/07/21 20:33	0.8 21/07/21 20:19	—	0.7 21/07/21 19:57
Haematocrit (from Blood Gas - read only)	39.3 21/07/21 20:42	39 21/07/21 20:33	40 21/07/21 20:19	—	39.8 21/07/21 19:57
Sodium (from Blood Gas - read only)	(!) 149 21/07/21 20:42	(!) 148 21/07/21 20:33	—	—	147 21/07/21 19:57
Potassium (from Blood Gas - read only)	3.9 21/07/21 20:42	4.1 21/07/21 20:33	4.4 21/07/21 20:19	—	4.2 21/07/21 19:57
Ionised Calcium (from Blood Gas - read only)	1.2 21/07/21 20:42	1.21 21/07/21 20:33	1.27 21/07/21 20:19	—	1.19 21/07/21 19:57
Chloride (from Blood Gas - read only)	(!) 120 21/07/21 20:42	(!) 120 21/07/21 20:33	(!) 122 21/07/21 20:19	—	(!) 119 21/07/21 19:57
Glucose (from Blood Gas - read only)	(!) 9.8 21/07/21 20:42	(!) 11.3 21/07/21 20:33	(!) 12.3 21/07/21 20:19	—	(!) 9.2 21/07/21 19:57
Lactate (from Blood Gas - read only)	0.7 21/07/21 20:42	0.6 21/07/21 20:33	—	—	0.7 21/07/21 19:57

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

only)					
Oxygen Content (from Blood Gas - read only)	<b>8.5</b> 21/07/21 20:42	<b>8.4</b> 21/07/21 20:33	<b>8.6</b> 21/07/21 20:19	—	<b>8.5</b> 21/07/21 19:57
O2 Tension at 50% saturation (from Blood Gas - read only)	<b>3.78</b> 21/07/21 20:42	<b>3.89</b> 21/07/21 20:33	<b>4.73</b> 21/07/21 20:19	—	<b>3.64</b> 21/07/21 19:57
PO2 (from Blood Gas - read only)	<b>(!) 61.4</b> 21/07/21 20:42	<b>(!) 57.3</b> 21/07/21 20:33	<b>(!) 62.4</b> 21/07/21 20:19	—	<b>(!) 52</b> 21/07/21 19:57
Pulse	—	—	—	<b>83</b> -ZS at 21/07/21 20:30	—
Pulse source	—	—	—	<b>Monitor</b> -ZS at 21/07/21 20:46	—
Cardiac Rhythm	—	—	—	<b>Normal sinus rhythm</b> -ZS at 21/07/21 20:46	—
Arterial Line BP	—	—	—	<b>88/48</b> -ZS at 21/07/21 20:30	—
Arterial Line MAP (mmHg)	—	—	—	<b>62 mmHg</b> -ZS at 21/07/21 20:30	—
<b>Row Name</b>	<b>21/07/21 19:56</b>	<b>21/07/21 19:44</b>	<b>21/07/21 19:35</b>	<b>21/07/21 19:19</b>	<b>21/07/21 19:00</b>
ETT Properties	Placement Date: 18/07/21 -RCA, 19/07/21 01:16 Placement Time: 16:00 -RCA, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RCA, 19/07/21 01:16 Cuffed: Yes -RCA, 19/07/21 01:16 Location: Oral -RCA, 19/07/21 01:16 Grade View: Full view of the glottis -RCA, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RCA, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
FiO2 (%)	—	—	—	—	<b>21 %</b> -ZS at 21/07/21 19:00
O2 delivery device	—	—	—	—	<b>Endotracheal tube</b> -ZS at 21/07/21 19:00
SpO2	—	—	—	—	<b>99 %</b> -ZS at 21/07/21 19:00
Resp	—	—	—	—	<b>16</b> -ZS at 21/07/21 19:00
ETCO2 (kPa)	—	—	—	—	<b>3.7 kPa</b> -ZS at 21/07/21 19:00
Device Name	—	—	—	—	<b>Servo-u</b> -ZS at 21/07/21 19:00
Vent Mode	—	—	—	—	<b>Synchronised intermittent mandatory ventilation/pressure control</b> -ZS at 21/07/21 19:00
Resp Rate (Set)	—	—	—	—	<b>16</b> -ZS at 21/07/21 19:00
Resp Rate Observed	—	—	—	—	<b>16</b> -ZS at 21/07/21 19:00
PEEP achieved (cmH2O)	—	—	—	—	<b>4.8 cm H2O</b> -ZS at 21/07/21 19:00
PEEP/CPAP set (cmH2O)	—	—	—	—	<b>5 cmH2O</b> -ZS at 21/07/21 19:00
Pressure Support (cm H2O)	—	—	—	—	<b>10 cm H2O</b> -ZS at 21/07/21 19:00
PC Set	—	—	—	—	<b>12</b> -ZS at 21/07/21 19:00
Tidal Volume achieved (ml)	—	—	—	—	<b>439.4 mL</b> -ZS at 21/07/21 19:00
Vt ml/kg	—	—	—	—	<b>8 ml/kg</b> -ZS at 21/07/21 19:00
Minute Ventilation (L/min)	—	—	—	—	<b>7 L/min</b> -ZS at 21/07/21 19:00
Ppeak (cm H2O)	—	—	—	—	<b>16 cm H2O</b> -ZS at 21/07/21 19:00

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Pmean MAP (cmH20)	—	—	—	—	7.9 cm H20 -ZS at 21/07/21 19:00
Trigger Sensitivity Flow (L/min)	—	—	—	—	1.41 L/min -ZS at 21/07/21 19:00
Source (from Blood Gas - read only)	Arterial 21/07/21 19:56	Arterial 21/07/21 19:44	Arterial 21/07/21 19:35	Arterial 21/07/21 19:19	—
FiO2 (from Blood Gas - read only)	21 21/07/21 19:56	21 21/07/21 19:44	21 21/07/21 19:35	21 21/07/21 19:19	—
pH (from Blood Gas - read only)	7.351 21/07/21 19:56	(!) 7.35 21/07/21 19:44	(!) 7.453 21/07/21 19:35	(!) 7.472 21/07/21 19:19	—
PCO2 (from Blood Gas - read only)	(!) 6.06 21/07/21 19:56	(!) 6.14 21/07/21 19:44	(!) 4.64 21/07/21 19:35	(!) 4.25 21/07/21 19:19	—
PO2 (from Blood Gas - read only)	(!) 54.4 21/07/21 19:56	(!) 9.46 21/07/21 19:44	(!) 17.3 21/07/21 19:35	(!) 17.7 21/07/21 19:19	—
HCO3- (from Blood Gas - read only)	23.8 21/07/21 19:56	23.8 21/07/21 19:44	25.1 21/07/21 19:35	24.7 21/07/21 19:19	—
Base Excess (from Blood Gas - read only)	-0.5 21/07/21 19:56	-0.2 21/07/21 19:44	0.4 21/07/21 19:35	-0.4 21/07/21 19:19	—
Total Hb (from Blood Gas - read only)	128 21/07/21 19:56	129 21/07/21 19:44	131 21/07/21 19:35	131 21/07/21 19:19	—
SaO2 (from Blood Gas - read only)	(!) 99.3 21/07/21 19:56	93.9 21/07/21 19:44	98.9 21/07/21 19:35	99 21/07/21 19:19	—
Oxyhaemoglobin (from Blood Gas - read only)	98.8 21/07/21 19:56	(!) 93 21/07/21 19:44	97.3 21/07/21 19:35	97.5 21/07/21 19:19	—
Carboxyhaemoglobin (from Blood Gas - read only)	(!) 0 21/07/21 19:56	(!) 0.3 21/07/21 19:44	0.7 21/07/21 19:35	0.7 21/07/21 19:19	—
Deoxyhaemoglobin (from Blood Gas - read only)	(!) 0.7 21/07/21 19:56	(!) 6 21/07/21 19:44	1.1 21/07/21 19:35	1 21/07/21 19:19	—
Methaemoglobin (from Blood Gas - read only)	0.6 21/07/21 19:56	0.7 21/07/21 19:44	0.9 21/07/21 19:35	0.8 21/07/21 19:19	—
Haematocrit (from Blood Gas - read only)	39.1 21/07/21 19:56	39.5 21/07/21 19:44	40.3 21/07/21 19:35	40.2 21/07/21 19:19	—
Sodium (from Blood Gas - read only)	147 21/07/21 19:56	(!) 148 21/07/21 19:44	148 21/07/21 19:35	(!) 148 21/07/21 19:19	—
Potassium (from Blood Gas - read only)	3.9 21/07/21 19:56	3.6 21/07/21 19:44	(!) 3.4 21/07/21 19:35	(!) 3.4 21/07/21 19:19	—
Ionised Calcium (from Blood Gas - read only)	1.2 21/07/21 19:56	1.21 21/07/21 19:44	1.17 21/07/21 19:35	1.17 21/07/21 19:19	—
Chloride (from Blood Gas - read only)	(!) 118 21/07/21 19:56	(!) 118 21/07/21 19:44	(!) 119 21/07/21 19:35	(!) 118 21/07/21 19:19	—
Glucose (from Blood Gas - read only)	(!) 9.3 21/07/21 19:56	(!) 8.4 21/07/21 19:44	(!) 9.2 21/07/21 19:35	(!) 9.4 21/07/21 19:19	—
Lactate (from Blood Gas - read only)	0.7 21/07/21 19:56	0.7 21/07/21 19:44	0.6 21/07/21 19:35	0.8 21/07/21 19:19	—
Oxygen Content (from Blood Gas - read only)	8.4 21/07/21 19:56	7.5 21/07/21 19:44	8.1 21/07/21 19:35	8.1 21/07/21 19:19	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

O2 Tension at 50% saturation (from Blood Gas - read only)	3.66 21/07/21 19:56	3.57 21/07/21 19:44	3.31 21/07/21 19:35	3.24 21/07/21 19:19	—
PO2 (from Blood Gas - read only)	(!) 54.4 21/07/21 19:56	(!) 9.46 21/07/21 19:44	(!) 17.3 21/07/21 19:35	(!) 17.7 21/07/21 19:19	—
Pulse	—	—	—	—	81 -ZS at 21/07/21 19:00
Pulse source	—	—	—	—	Monitor -ZS at 21/07/21 19:00
Cardiac Rhythm	—	—	—	—	Normal sinus rhythm -ZS at 21/07/21 19:00
Arterial Line BP	—	—	—	—	123/73 -ZS at 21/07/21 19:00
Arterial Line MAP (mmHg)	—	—	—	—	93 mmHg -ZS at 21/07/21 19:00
Temp	—	—	—	—	35.8 °C (96.4 °F) -ZS at 21/07/21 20:46
Temp src	—	—	—	—	Tympanic -ZS at 21/07/21 20:46
<b>Row Name</b>	<b>21/07/21 18:00</b>	<b>21/07/21 17:07</b>	<b>21/07/21 17:00</b>	<b>21/07/21 16:00</b>	<b>21/07/21 15:59</b>
ETT Properties	Placement Date: 18/07/21 -RCA, 19/07/21 01:16 Placement Time: 16:00 -RCA, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RCA, 19/07/21 01:16 Cuffed: Yes -RCA, 19/07/21 01:16 Location: Oral -RCA, 19/07/21 01:16 Grade View: Full view of the glottis -RCA, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RCA, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Suction Type	—	—	—	Endotracheal -ZS at 21/07/21 16:30	—
Suction Device	—	—	—	Inline endotracheal catheter -ZS at 21/07/21 16:30	—
Secretion Amount	—	—	—	None -ZS at 21/07/21 16:30	—
Suction Type	—	—	—	Oral -ZS at 21/07/21 16:30	—
Suction Device	—	—	—	Yankeur -ZS at 21/07/21 16:30	—
Secretion Amount	—	—	—	Small -ZS at 21/07/21 16:30	—
Secretion Colour	—	—	—	Creamy -ZS at 21/07/21 16:30	—
Secretion Consistency	—	—	—	Thick -ZS at 21/07/21 16:30	—
Suction Tolerance	—	—	—	Tolerated well -ZS at 21/07/21 16:30	—
Suctioning Adverse Effects	—	—	—	None -ZS at 21/07/21 16:30	—
FiO2 (%)	21 % -ZS at 21/07/21 18:01	—	21 % -ZS at 21/07/21 18:01	21 % -ZS at 21/07/21 16:30	—
O2 delivery device	Endotracheal tube -ZS at 21/07/21 18:01	—	Endotracheal tube -ZS at 21/07/21 18:01	Endotracheal tube -ZS at 21/07/21 16:43	—
SpO2	99 % -ZS at 21/07/21 18:00	—	99 % -ZS at 21/07/21 18:00	99 % -ZS at 21/07/21 16:29	—
Resp	17 -ZS at 21/07/21 18:01	—	17 -ZS at 21/07/21 18:01	17 -ZS at 21/07/21 16:43	—
ETCO2 (kPa)	3.6 kPa -ZS at 21/07/21 18:00	—	3.6 kPa -ZS at 21/07/21 18:00	3.6 kPa -ZS at 21/07/21 16:29	—
Device Name	Servo-u -ZS at 21/07/21 18:01	—	Servo-u -ZS at 21/07/21 18:01	Servo-u -ZS at 21/07/21 16:43	—
Vent Mode	Synchronised intermittent mandatory ventilation/pressure control -ZS at 21/07/21 18:01	—	Synchronised intermittent mandatory ventilation/pressure control -ZS at 21/07/21 18:01	Synchronised intermittent mandatory ventilation/pressure control -ZS at 21/07/21 16:43	—
Resp Rate (Set)	17 -ZS at 21/07/21 18:01	—	17 -ZS at 21/07/21 18:01	17 -ZS at 21/07/21 16:43	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Resp Rate Observed	17 -ZS at 21/07/21 18:01	—	17 -ZS at 21/07/21 18:01	17 -ZS at 21/07/21 16:43	—
PEEP achieved (cmH2O)	4.8 cm H2O -ZS at 21/07/21 18:00	—	4.8 cm H2O -ZS at 21/07/21 18:00	4.9 cm H2O -ZS at 21/07/21 16:29	—
PEEP/CPAP set (cmH2O)	5 cmH2O -ZS at 21/07/21 18:00	—	5 cmH2O -ZS at 21/07/21 18:00	5 cmH2O -ZS at 21/07/21 16:29	—
Pressure Support (cm H2O)	10 cm H2O -ZS at 21/07/21 18:00	—	10 cm H2O -ZS at 21/07/21 18:00	10 cm H2O -ZS at 21/07/21 16:29	—
PC Set	12 -ZS at 21/07/21 18:00	—	12 -ZS at 21/07/21 18:00	12 -ZS at 21/07/21 16:29	—
Tidal Volume achieved (ml)	446.2 mL -ZS at 21/07/21 18:00	—	452.4 mL -ZS at 21/07/21 18:00	438.6 mL -ZS at 21/07/21 16:29	—
Vt ml/kg	8.1 ml/kg -ZS at 21/07/21 18:00	—	8.2 ml/kg -ZS at 21/07/21 18:00	8 ml/kg -ZS at 21/07/21 16:29	—
Minute Ventilation (L/min)	7.6 L/min -ZS at 21/07/21 18:00	—	7.7 L/min -ZS at 21/07/21 18:00	7.5 L/min -ZS at 21/07/21 16:29	—
Ppeak (cm H2O)	17 cm H2O -ZS at 21/07/21 18:01	—	17 cm H2O -ZS at 21/07/21 18:01	17 cm H2O -ZS at 21/07/21 16:43	—
Pmean MAP (cmH2O)	8.1 cm H2O -ZS at 21/07/21 18:00	—	8.1 cm H2O -ZS at 21/07/21 18:00	8.1 cm H2O -ZS at 21/07/21 16:29	—
Trigger Sensitivity Flow (L/min)	1.41 L/min -ZS at 21/07/21 18:00	—	1.41 L/min -ZS at 21/07/21 18:00	1.41 L/min -ZS at 21/07/21 16:29	—
Source (from Blood Gas - read only)	—	Arterial 21/07/21 17:07	—	—	Arterial 21/07/21 15:59
FiO2 (from Blood Gas - read only)	—	21 21/07/21 17:07	—	—	21 21/07/21 15:59
pH (from Blood Gas - read only)	—	(!) 7.47 21/07/21 17:07	—	—	(!) 7.465 21/07/21 15:59
PCO2 (from Blood Gas - read only)	—	(!) 4.02 21/07/21 17:07	—	—	(!) 4.32 21/07/21 15:59
PO2 (from Blood Gas - read only)	—	(!) 19.4 21/07/21 17:07	—	—	(!) 69.1 21/07/21 15:59
HCO3- (from Blood Gas - read only)	—	23.7 21/07/21 17:07	—	—	24.6 21/07/21 15:59
Base Excess (from Blood Gas - read only)	—	-1.7 21/07/21 17:07	—	—	-0.5 21/07/21 15:59
Total Hb (from Blood Gas - read only)	—	129 21/07/21 17:07	—	—	133 21/07/21 15:59
SaO2 (from Blood Gas - read only)	—	(!) 99.1 21/07/21 17:07	—	—	(!) 99.8 21/07/21 15:59
Oxyhaemoglobin (from Blood Gas - read only)	—	97.5 21/07/21 17:07	—	—	98.4 21/07/21 15:59
Carboxyhaemoglobin (from Blood Gas - read only)	—	0.7 21/07/21 17:07	—	—	0.6 21/07/21 15:59
Deoxyhaemoglobin (from Blood Gas - read only)	—	(!) 0.9 21/07/21 17:07	—	—	(!) 0.2 21/07/21 15:59
Methaemoglobin (from Blood Gas - read only)	—	0.9 21/07/21 17:07	—	—	0.8 21/07/21 15:59
Haematocrit (from Blood Gas - read only)	—	39.6 21/07/21 17:07	—	—	40.8 21/07/21 15:59
Sodium (from	—	(!) 150	—	—	(!) 150

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Blood Gas - read only)		21/07/21 17:07			21/07/21 15:59
Potassium (from Blood Gas - read only)	—	<b>4</b>	—	—	<b>3.8</b>
		21/07/21 17:07			21/07/21 15:59
Ionised Calcium (from Blood Gas - read only)	—	<b>1.14</b>	—	—	<b>1.15</b>
		21/07/21 17:07			21/07/21 15:59
Chloride (from Blood Gas - read only)	—	<b>(!) 121</b>	—	—	<b>(!) 121</b>
		21/07/21 17:07			21/07/21 15:59
Glucose (from Blood Gas - read only)	—	<b>(!) 9.9</b>	—	—	<b>(!) 10.5</b>
		21/07/21 17:07			21/07/21 15:59
Lactate (from Blood Gas - read only)	—	<b>1</b>	—	—	<b>0.8</b>
		21/07/21 17:07			21/07/21 15:59
Oxygen Content (from Blood Gas - read only)	—	<b>8</b>	—	—	<b>8.9</b>
		21/07/21 17:07			21/07/21 15:59
O2 Tension at 50% saturation (from Blood Gas - read only)	—	<b>3.23</b>	—	—	<b>3.27</b>
		21/07/21 17:07			21/07/21 15:59
PO2 (from Blood Gas - read only)	—	<b>(!) 19.4</b>	—	—	<b>(!) 69.1</b>
		21/07/21 17:07			21/07/21 15:59
Pulse	<b>81</b> -ZS at 21/07/21 18:00	—	<b>83</b> -ZS at 21/07/21 18:00	<b>80</b> -ZS at 21/07/21 16:29	—
Pulse source	<b>Monitor</b> -ZS at 21/07/21 18:01	—	<b>Monitor</b> -ZS at 21/07/21 18:01	<b>Monitor</b> -ZS at 21/07/21 16:43	—
Cardiac Rhythm	<b>Normal sinus rhythm</b> -ZS at 21/07/21 18:01	—	<b>Normal sinus rhythm</b> -ZS at 21/07/21 18:01	<b>Normal sinus rhythm</b> -ZS at 21/07/21 16:43	—
Arterial Line BP	<b>116/70</b> -ZS at 21/07/21 18:00	—	<b>125/76</b> -ZS at 21/07/21 18:00	<b>117/69</b> -ZS at 21/07/21 16:29	—
Arterial Line MAP (mmHg)	<b>89 mmHg</b> -ZS at 21/07/21 18:00	—	<b>97 mmHg</b> -ZS at 21/07/21 18:00	<b>88 mmHg</b> -ZS at 21/07/21 16:29	—
Eye Opening	—	—	—	<b>None/Not able to obtain (eg eyes closed by swelling)</b> -ZS at 21/07/21 16:47	—
Best Verbal Response	—	—	—	<b>None/Not able to obtain (eg ET or tracheostomy tube)</b> -ZS at 21/07/21 16:47	—
Best Motor Response	—	—	—	<b>None</b> -ZS at 21/07/21 16:47	—
Glasgow Coma Scale Score	—	—	—	<b>3</b> -ZS at 21/07/21 16:47	—
R Pupil Size (mm)	—	—	—	<b>7</b> -ZS at 21/07/21 16:47	—
R Pupil Reaction	—	—	—	<b>Nonreactive</b> -ZS at 21/07/21 16:47	—
R Pupil Shape	—	—	—	<b>Round</b> -ZS at 21/07/21 16:47	—
L Pupil Size (mm)	—	—	—	<b>7</b> -ZS at 21/07/21 16:47	—
L Pupil Reaction	—	—	—	<b>Nonreactive</b> -ZS at 21/07/21 16:47	—
L Pupil Shape	—	—	—	<b>Round</b> -ZS at 21/07/21 16:47	—
Limb Power Assessment	—	—	—	<b>Yes</b> -ZS at 21/07/21 16:47	—
Right upper limb power	—	—	—	<b>Nil</b> -ZS at 21/07/21 16:47	—
Left upper limb	—	—	—	<b>Nil</b> -ZS at 21/07/21 16:47	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

power					
Right lower limb power	—	—	—	Nil	—
				-ZS at 21/07/21 16:47	
Left lower limb power	—	—	—	Nil	—
				-ZS at 21/07/21 16:47	
Neuro Symptoms	—	—	—	None	—
				-ZS at 21/07/21 16:47	
Pain Scale	—	—	—	Critical Care Pain Observation Tool	—
				-ZS at 21/07/21 16:47	
Facial Expression	—	—	—	Relaxed, neutral	—
				-ZS at 21/07/21 16:47	
Body Movements	—	—	—	Absence of movements or normal position	—
				-ZS at 21/07/21 16:47	
Compliance with the Ventilator (Intubated Patients)	—	—	—	Tolerating ventilator or movement	—
				-ZS at 21/07/21 16:47	
Vocalization (Extubated Patients)	—	—	—	Talking in normal tone or no sound	—
				-ZS at 21/07/21 16:47	
Muscle Tension	—	—	—	Relaxed	—
				-ZS at 21/07/21 16:47	
Critical-Care Pain Observation Score	—	—	—	0	—
				-ZS at 21/07/21 16:47	
Reposition	—	—	—	Bed - Upright > 40 degrees	—
				-ZS at 21/07/21 16:43	
Positioning Frequency	—	—	—	3 hourly	—
				-ZS at 21/07/21 16:43	
Analgesia Required	—	—	—	No	—
				-ZS at 21/07/21 16:43	
Patient clean and dry	—	—	—	Yes	—
				-ZS at 21/07/21 16:43	
Urinary catheter/BMS patent and draining	—	—	—	Yes	—
				-ZS at 21/07/21 16:43	
Oral care	—	—	—	Moistened oral swabs;Lip balm;Dependent	—
				-ZS at 21/07/21 16:43	
Eye Care	—	—	—	Delivered	—
				-ZS at 21/07/21 16:43	
<b>Row Name</b>	<b>21/07/21 15:30</b>	<b>21/07/21 15:01</b>	<b>21/07/21 15:00</b>	<b>21/07/21 14:00</b>	<b>21/07/21 13:02</b>
ETT Properties	Placement Date: 18/07/21 -RCA, 19/07/21 01:16 Placement Time: 16:00 -RCA, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RCA, 19/07/21 01:16 Cuffed: Yes -RCA, 19/07/21 01:16 Location: Oral -RCA, 19/07/21 01:16 Grade View: Full view of the glottis -RCA, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RCA, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
FiO2 (%)	100 % -ZS at 21/07/21 16:30	—	21 % -ZS at 21/07/21 15:43	21 % -ZS at 21/07/21 14:03	—
O2 delivery device	Endotracheal tube -ZS at 21/07/21 16:30	—	Endotracheal tube -ZS at 21/07/21 15:43	Endotracheal tube -ZS at 21/07/21 14:03	—
SpO2	—	—	98 % -ZS at 21/07/21 15:41	98 % -ZS at 21/07/21 14:01	—
Resp	—	—	17 -ZS at 21/07/21 15:43	17 -ZS at 21/07/21 14:03	—
ETCO2 (kPa)	—	—	4.2 kPa -ZS at 21/07/21 15:41	4.4 kPa -ZS at 21/07/21 14:01	—
Device Name	—	—	Servo-u -ZS at 21/07/21 15:43	Servo-u -ZS at 21/07/21 14:03	—
Vent Mode	—	—	Synchronised	Synchronised	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

			intermittent mandatory ventilation/pressure control -ZS at 21/07/21 15:43	intermittent mandatory ventilation/pressure control -ZS at 21/07/21 14:03	
Resp Rate (Set)	—	—	17 -ZS at 21/07/21 15:43	17 -ZS at 21/07/21 14:03	—
Resp Rate Observed	—	—	17 -ZS at 21/07/21 15:43	17 -ZS at 21/07/21 14:03	—
PEEP achieved (cmH2O)	—	—	4.8 cm H2O -ZS at 21/07/21 15:41	4.8 cm H2O -ZS at 21/07/21 14:01	—
PEEP/CPAP set (cmH2O)	—	—	5 cmH2O -ZS at 21/07/21 15:41	5 cmH2O -ZS at 21/07/21 14:01	—
Pressure Support (cm H2O)	—	—	10 cm H2O -ZS at 21/07/21 15:41	10 cm H2O -ZS at 21/07/21 14:01	—
PC Set	—	—	12 -ZS at 21/07/21 15:41	12 -ZS at 21/07/21 14:01	—
Tidal Volume achieved (ml)	—	—	421.4 mL -ZS at 21/07/21 15:41	410.8 mL -ZS at 21/07/21 14:01	—
Vt ml/kg	—	—	7.7 ml/kg -ZS at 21/07/21 15:41	7.5 ml/kg -ZS at 21/07/21 14:01	—
Minute Ventilation (L/min)	—	—	7.1 L/min -ZS at 21/07/21 15:41	7 L/min -ZS at 21/07/21 14:01	—
Ppeak (cm H2O)	—	—	17 cm H2O -ZS at 21/07/21 15:43	17 cm H2O -ZS at 21/07/21 14:03	—
Pmean MAP (cmH2O)	—	—	8.1 cm H2O -ZS at 21/07/21 15:41	8.1 cm H2O -ZS at 21/07/21 14:01	—
Trigger Sensitivity Flow (L/min)	—	—	1.41 L/min -ZS at 21/07/21 15:41	1.41 L/min -ZS at 21/07/21 14:01	—
Source (from Blood Gas - read only)	—	Arterial 21/07/21 15:01	—	—	Arterial 21/07/21 13:02
FiO2 (from Blood Gas - read only)	—	21 21/07/21 15:01	—	—	21 21/07/21 13:02
pH (from Blood Gas - read only)	—	7.431 21/07/21 15:01	—	—	7.395 21/07/21 13:02
PCO2 (from Blood Gas - read only)	—	4.77 21/07/21 15:01	—	—	5.05 21/07/21 13:02
PO2 (from Blood Gas - read only)	—	(!) 15.4 21/07/21 15:01	—	—	(!) 16.7 21/07/21 13:02
HCO3- (from Blood Gas - read only)	—	24.3 21/07/21 15:01	—	—	23.2 21/07/21 13:02
Base Excess (from Blood Gas - read only)	—	-0.5 21/07/21 15:01	—	—	-1.7 21/07/21 13:02
Total Hb (from Blood Gas - read only)	—	135 21/07/21 15:01	—	—	131 21/07/21 13:02
SaO2 (from Blood Gas - read only)	—	98.5 21/07/21 15:01	—	—	98.7 21/07/21 13:02
Oxyhaemoglobin (from Blood Gas - read only)	—	96.8 21/07/21 15:01	—	—	97.1 21/07/21 13:02
Carboxyhaemogl obin (from Blood Gas - read only)	—	0.8 21/07/21 15:01	—	—	0.8 21/07/21 13:02
Deoxyhaemoglo bin (from Blood Gas - read only)	—	1.5 21/07/21 15:01	—	—	1.3 21/07/21 13:02

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Methaemoglobin (from Blood Gas - read only)	—	0.9 21/07/21 15:01	—	—	0.8 21/07/21 13:02
Haematocrit (from Blood Gas - read only)	—	41.5 21/07/21 15:01	—	—	40.2 21/07/21 13:02
Sodium (from Blood Gas - read only)	—	(!) 152 21/07/21 15:01	—	—	(!) 155 21/07/21 13:02
Potassium (from Blood Gas - read only)	—	(!) 4.6 21/07/21 15:01	—	—	3.6 21/07/21 13:02
Ionised Calcium (from Blood Gas - read only)	—	1.16 21/07/21 15:01	—	—	1.15 21/07/21 13:02
Chloride (from Blood Gas - read only)	—	(!) 122 21/07/21 15:01	—	—	(!) 124 21/07/21 13:02
Glucose (from Blood Gas - read only)	—	(!) 9 21/07/21 15:01	—	—	(!) 7.7 21/07/21 13:02
Lactate (from Blood Gas - read only)	—	0.7 21/07/21 15:01	—	—	1.2 21/07/21 13:02
Oxygen Content (from Blood Gas - read only)	—	8.3 21/07/21 15:01	—	—	8.1 21/07/21 13:02
O2 Tension at 50% saturation (from Blood Gas - read only)	—	3.38 21/07/21 15:01	—	—	3.52 21/07/21 13:02
PO2 (from Blood Gas - read only)	—	(!) 15.4 21/07/21 15:01	—	—	(!) 16.7 21/07/21 13:02
Pulse	—	—	90 -ZS at 21/07/21 15:41	92 -ZS at 21/07/21 14:01	—
Pulse source	—	—	Monitor -ZS at 21/07/21 15:43	Monitor -ZS at 21/07/21 14:03	—
Cardiac Rhythm	—	—	Normal sinus rhythm -ZS at 21/07/21 16:43	Normal sinus rhythm -ZS at 21/07/21 16:43	—
Arterial Line BP	—	—	126/79 -ZS at 21/07/21 15:41	110/65 -ZS at 21/07/21 14:01	—
Arterial Line MAP (mmHg)	—	—	100 mmHg -ZS at 21/07/21 15:41	84 mmHg -ZS at 21/07/21 14:01	—
Temp	—	—	35.7 °C (96.3 °F) -ZS at 21/07/21 15:43	—	—
Temp src	—	—	Tympanic -ZS at 21/07/21 15:43	—	—
Oral care	—	—	—	Moistened oral swabs;Lip balm -ZS at 21/07/21 15:43	—
Eye Care	—	—	—	Delivered -ZS at 21/07/21 15:43	—
IV Properties	Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Left -ADA, 18/07/21 04:40 Location: Antecubital -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -ADA, 18/07/21 04:40 Name of dressing applied: Semipermeable dressing -ADA, 18/07/21 04:40 Removal Date: 21/07/21 -ZS, 21/07/21 13:15 Removal Time: 13:15 -ZS, 21/07/21 13:15				
<b>Row Name</b>	<b>21/07/21 13:00</b>	<b>21/07/21 12:00</b>	<b>21/07/21 11:19</b>	<b>21/07/21 11:00</b>	<b>21/07/21 10:00</b>
ETT Properties	Placement Date: 18/07/21 -RCA, 19/07/21 01:16 Placement Time: 16:00 -RCA, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RCA, 19/07/21 01:16 Cuffed: Yes -RCA, 19/07/21 01:16 Location: Oral -RCA, 19/07/21 01:16 Grade View: Full view of the glottis -RCA, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RCA, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
FiO2 (%)	21 % -ZS at 21/07/21 13:14	21 % -ZS at 21/07/21 12:07	—	21 % -ZS at 21/07/21 11:34	—
O2 delivery	Endotracheal tube -ZS at 21/07/21 13:14	Endotracheal tube -ZS at 21/07/21 12:07	—	Endotracheal tube -ZS at 21/07/21 11:34	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

device					
SpO2	98 % -ZS at 21/07/21 13:12	98 % -ZS at 21/07/21 12:05	—	99 % -ZS at 21/07/21 11:28	—
Resp	16 -ZS at 21/07/21 13:14	16 -ZS at 21/07/21 12:07	—	18 -ZS at 21/07/21 11:34	—
ETCO2 (kPa)	4.7 kPa -ZS at 21/07/21 13:12	4.4 kPa -ZS at 21/07/21 12:05	—	4 kPa -ZS at 21/07/21 11:28	—
Device Name	Servo-u -ZS at 21/07/21 13:14	Servo-u -ZS at 21/07/21 12:07	—	Servo-u -ZS at 21/07/21 11:34	—
Vent Mode	Synchronised intermittent mandatory ventilation/pressure control -ZS at 21/07/21 13:14	Synchronised intermittent mandatory ventilation/pressure control -ZS at 21/07/21 12:07	—	Synchronised intermittent mandatory ventilation/pressure control -ZS at 21/07/21 11:34	—
Resp Rate (Set)	16 -ZS at 21/07/21 13:14	16 -ZS at 21/07/21 12:07	—	18 -ZS at 21/07/21 11:34	—
Resp Rate Observed	16 -ZS at 21/07/21 13:14	16 -ZS at 21/07/21 12:07	—	18 -ZS at 21/07/21 11:34	—
PEEP achieved (cmH2O)	4.9 cm H2O -ZS at 21/07/21 13:12	4.7 cm H2O -ZS at 21/07/21 12:05	—	5 cm H2O -ZS at 21/07/21 11:28	—
PEEP/CPAP set (cmH2O)	5 cmH2O -ZS at 21/07/21 13:12	5 cmH2O -ZS at 21/07/21 12:05	—	5 cmH2O -ZS at 21/07/21 11:28	—
Pressure Support (cm H2O)	10 cm H2O -ZS at 21/07/21 13:12	10 cm H2O -ZS at 21/07/21 12:05	—	10 cm H2O -ZS at 21/07/21 11:28	—
PC Set	12 -ZS at 21/07/21 13:12	12 -ZS at 21/07/21 12:05	—	12 -ZS at 21/07/21 11:28	—
Tidal Volume achieved (ml)	376.8 mL -ZS at 21/07/21 13:12	444.6 mL -ZS at 21/07/21 12:05	—	496.6 mL -ZS at 21/07/21 11:28	—
Vt ml/kg	6.9 ml/kg -ZS at 21/07/21 13:12	8.1 ml/kg -ZS at 21/07/21 12:05	—	9 ml/kg -ZS at 21/07/21 11:28	—
Minute Ventilation (L/min)	6.1 L/min -ZS at 21/07/21 13:12	7.1 L/min -ZS at 21/07/21 12:05	—	8.7 L/min -ZS at 21/07/21 11:28	—
Ppeak (cm H2O)	17 cm H2O -ZS at 21/07/21 13:14	17 cm H2O -ZS at 21/07/21 12:07	—	17 cm H2O -ZS at 21/07/21 11:34	—
Pmean MAP (cmH2O)	7.9 cm H2O -ZS at 21/07/21 13:12	7.9 cm H2O -ZS at 21/07/21 12:05	—	8.3 cm H2O -ZS at 21/07/21 11:28	—
Trigger Sensitivity Flow (L/min)	1.41 L/min -ZS at 21/07/21 13:12	1.41 L/min -ZS at 21/07/21 12:05	—	1.41 L/min -ZS at 21/07/21 11:28	—
Source (from Blood Gas - read only)	—	—	Arterial 21/07/21 11:19	—	—
FiO2 (from Blood Gas - read only)	—	—	21 21/07/21 11:19	—	—
pH (from Blood Gas - read only)	—	—	(!) 7.48 21/07/21 11:19	—	—
PCO2 (from Blood Gas - read only)	—	—	(!) 4.07 21/07/21 11:19	—	—
PO2 (from Blood Gas - read only)	—	—	(!) 17.3 21/07/21 11:19	—	—
HCO3- (from Blood Gas - read only)	—	—	24.5 21/07/21 11:19	—	—
Base Excess (from Blood Gas - read only)	—	—	-0.8 21/07/21 11:19	—	—
Total Hb (from Blood Gas - read only)	—	—	135 21/07/21 11:19	—	—
SaO2 (from Blood Gas - read only)	—	—	98.8 21/07/21 11:19	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Oxyhaemoglobin (from Blood Gas - read only)	—	—	97.5 21/07/21 11:19	—	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	—	0.6 21/07/21 11:19	—	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	—	1.2 21/07/21 11:19	—	—
Methaemoglobin (from Blood Gas - read only)	—	—	0.7 21/07/21 11:19	—	—
Haematocrit (from Blood Gas - read only)	—	—	41.5 21/07/21 11:19	—	—
Sodium (from Blood Gas - read only)	—	—	<b>(!) 156</b> 21/07/21 11:19	—	—
Potassium (from Blood Gas - read only)	—	—	<b>(!) 3.5</b> 21/07/21 11:19	—	—
Ionised Calcium (from Blood Gas - read only)	—	—	<b>(!) 1.12</b> 21/07/21 11:19	—	—
Chloride (from Blood Gas - read only)	—	—	<b>(!) 125</b> 21/07/21 11:19	—	—
Glucose (from Blood Gas - read only)	—	—	<b>(!) 8.5</b> 21/07/21 11:19	—	—
Lactate (from Blood Gas - read only)	—	—	0.9 21/07/21 11:19	—	—
Oxygen Content (from Blood Gas - read only)	—	—	8.4 21/07/21 11:19	—	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	—	3.21 21/07/21 11:19	—	—
PO2 (from Blood Gas - read only)	—	—	<b>(!) 17.3</b> 21/07/21 11:19	—	—
Pulse	101 -ZS at 21/07/21 13:12	100 -ZS at 21/07/21 12:05	—	99 -ZS at 21/07/21 11:28	—
Pulse source	Monitor -ZS at 21/07/21 13:14	Monitor -ZS at 21/07/21 12:07	—	Monitor -ZS at 21/07/21 11:34	—
Cardiac Rhythm	Sinus tachycardia -ZS at 21/07/21 13:14	Sinus tachycardia -ZS at 21/07/21 12:07	—	Normal sinus rhythm -ZS at 21/07/21 11:34	—
Arterial Line BP	90/49 -ZS at 21/07/21 13:12	97/53 -ZS at 21/07/21 12:05	—	112/72 -ZS at 21/07/21 11:28	—
Arterial Line MAP (mmHg)	68 mmHg -ZS at 21/07/21 13:12	68 mmHg -ZS at 21/07/21 12:05	—	88 mmHg -ZS at 21/07/21 11:28	—
Temp	—	—	—	36.1 °C (97 °F) -ZS at 21/07/21 11:34	—
Temp src	—	—	—	Tympanic -ZS at 21/07/21 11:34	—
Eye Opening	—	None/Not able to obtain (eg eyes closed by swelling) -ZS at 21/07/21 12:07	—	—	—
Best Verbal Response	—	None/Not able to obtain (eg ET or tracheostomy tube) -ZS at 21/07/21 12:07	—	—	—
Best Motor	—	None	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Response		-ZS at 21/07/21 12:07			
Glasgow Coma Scale Score	—	<b>3</b>	—	—	—
		-ZS at 21/07/21 12:07			
Pain Scale	—	<b>Critical Care Pain Observation Tool</b>	—	—	—
		-ZS at 21/07/21 12:07			
Verbal pain scale at rest	—	<b>Nil</b>	—	—	—
		-ZS at 21/07/21 12:07			
Verbal pain scale on movement	—	<b>Nil</b>	—	—	—
		-ZS at 21/07/21 12:07			
Facial Expression	—	<b>Relaxed, neutral</b>	—	—	—
		-ZS at 21/07/21 12:07			
Body Movements	—	<b>Absence of movements or normal position</b>	—	—	—
		-ZS at 21/07/21 12:07			
Compliance with the Ventilator (Intubated Patients)	—	<b>Tolerating ventilator or movement</b>	—	—	—
		-ZS at 21/07/21 12:07			
Vocalization (Extubated Patients)	—	<b>Talking in normal tone or no sound</b>	—	—	—
		-ZS at 21/07/21 12:07			
Muscle Tension	—	<b>Relaxed</b>	—	—	—
		-ZS at 21/07/21 12:07			
Critical-Care Pain Observation Score	—	<b>0</b>	—	—	—
		-ZS at 21/07/21 12:07			
All pressure areas observed	<b>Yes</b>	—	—	—	<b>Yes</b>
	-ZS at 21/07/21 14:03				-ZS at 21/07/21 11:34
Head	<b>Intact</b>	—	—	—	<b>Intact</b>
	-ZS at 21/07/21 14:03				-ZS at 21/07/21 11:34
Left Shoulder	<b>Intact</b>	—	—	—	<b>Intact</b>
	-ZS at 21/07/21 14:03				-ZS at 21/07/21 11:34
Right Shoulder	<b>Intact</b>	—	—	—	<b>Intact</b>
	-ZS at 21/07/21 14:03				-ZS at 21/07/21 11:34
Left Elbow	<b>Intact</b>	—	—	—	<b>Intact</b>
	-ZS at 21/07/21 14:03				-ZS at 21/07/21 11:34
Right Elbow	<b>Intact</b>	—	—	—	<b>Intact</b>
	-ZS at 21/07/21 14:03				-ZS at 21/07/21 11:34
Left Hip	<b>Intact</b>	—	—	—	<b>Intact</b>
	-ZS at 21/07/21 14:03				-ZS at 21/07/21 11:34
Right Hip	<b>Intact</b>	—	—	—	<b>Intact</b>
	-ZS at 21/07/21 14:03				-ZS at 21/07/21 11:34
Left Heel	<b>Intact</b>	—	—	—	<b>Intact</b>
	-ZS at 21/07/21 14:03				-ZS at 21/07/21 11:34
Right Heel	<b>Intact</b>	—	—	—	<b>Intact</b>
	-ZS at 21/07/21 14:03				-ZS at 21/07/21 11:34
Left Buttock	<b>Intact</b>	—	—	—	<b>Intact</b>
	-ZS at 21/07/21 14:03				-ZS at 21/07/21 11:34
Right Buttock	<b>Intact</b>	—	—	—	<b>Intact</b>
	-ZS at 21/07/21 14:03				-ZS at 21/07/21 11:34
Sacrum	<b>Intact</b>	—	—	—	<b>Intact</b>
	-ZS at 21/07/21 14:03				-ZS at 21/07/21 11:34
Face	<b>Yes</b>	—	—	—	<b>Yes</b>
	-ZS at 21/07/21 14:03				-ZS at 21/07/21 11:34
Right Cheek	<b>Intact</b>	—	—	—	<b>Intact</b>
	-ZS at 21/07/21 14:03				-ZS at 21/07/21 11:34
Left Cheek	<b>Intact</b>	—	—	—	<b>Intact</b>
	-ZS at 21/07/21 14:03				-ZS at 21/07/21 11:34
Right Ear	<b>Intact</b>	—	—	—	<b>Intact</b>
	-ZS at 21/07/21 14:03				-ZS at 21/07/21 11:34
Left Ear	<b>Intact</b>	—	—	—	<b>Intact</b>
	-ZS at 21/07/21 14:03				-ZS at 21/07/21 11:34
Nose	<b>Intact</b>	—	—	—	<b>Intact</b>
	-ZS at 21/07/21 14:03				-ZS at 21/07/21 11:34

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Forehead	Intact -ZS at 21/07/21 14:03	—	—	—	Intact -ZS at 21/07/21 11:34
Chin	Intact -ZS at 21/07/21 14:03	—	—	—	Intact -ZS at 21/07/21 11:34
Reposition	Bed - Tilt Left 60 degrees -ZS at 21/07/21 14:03	—	—	—	Bed - Tilt Right 60 degrees -ZS at 21/07/21 11:34
Positioning Frequency	3 hourly -ZS at 21/07/21 14:03	—	—	—	3 hourly -ZS at 21/07/21 11:34
Analgesia Required	—	—	—	—	No -ZS at 21/07/21 11:34
Patient clean and dry	Yes -ZS at 21/07/21 14:03	—	—	—	Yes -ZS at 21/07/21 11:34
Urinary catheter/BMS patent and draining	Yes -ZS at 21/07/21 14:03	—	—	—	Yes -ZS at 21/07/21 11:34
Absorbent incontinence aids in use	—	—	—	—	Yes -ZS at 21/07/21 11:34
Skin Protection	—	—	—	—	Barrier Cream -ZS at 21/07/21 11:34
Morning family introduction call	—	—	—	—	Yes -ZS at 21/07/21 11:34
Call type	—	—	—	—	Phone -ZS at 21/07/21 11:34
Call from	—	—	—	—	Zoe -ZS at 21/07/21 11:34
Call to	—	—	—	—	Mum -ZS at 21/07/21 11:34
IV Properties	Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Left -ADA, 18/07/21 04:40 Location: Antecubital -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -ADA, 18/07/21 04:40 Name of dressing applied: Semipermeable dressing -ADA, 18/07/21 04:40 Removal Date: 21/07/21 -ZS, 21/07/21 13:15 Removal Time: 13:15 -ZS, 21/07/21 13:15				
<b>Row Name</b>	<b>21/07/21 09:16</b>	<b>21/07/21 09:12</b>	<b>21/07/21 09:00</b>	<b>21/07/21 08:00</b>	<b>21/07/21 07:04</b>
Natural airway patent?	No -ZS at 21/07/21 09:30	—	—	—	—
Airway LDA	Endotracheal tube -ZS at 21/07/21 09:30	—	—	—	—
Abnormal airway sounds	N/A -ZS at 21/07/21 09:30	—	—	—	—
Any airway obstruction?	N/A -ZS at 21/07/21 09:30	—	—	—	—
ETT Properties	Placement Date: 18/07/21 -RCA, 19/07/21 01:16 Placement Time: 16:00 -RCA, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RCA, 19/07/21 01:16 Cuffed: Yes -RCA, 19/07/21 01:16 Location: Oral -RCA, 19/07/21 01:16 Grade View: Full view of the glottis -RCA, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RCA, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Secured at (cm)	23 cm -ZS at 21/07/21 09:30	—	—	—	—
Measured from	Lips -ZS at 21/07/21 09:30	—	—	—	—
Tube Position	Right -ZS at 21/07/21 09:30	—	—	—	—
Secured by	AnchorFast -ZS at 21/07/21 09:30	—	—	—	—
Site Condition	Intact -ZS at 21/07/21 09:30	—	—	—	—
Cuff Pressure	30 cm H2O -ZS at 21/07/21 09:30	—	—	—	—
Cuff leak present	No -ZS at 21/07/21 09:30	—	—	—	—
Airway Interventions	Airway suction;Oral suction -ZS at 21/07/21 09:30	—	—	—	—
Manoeuvres	Not applicable -ZS at 21/07/21 09:30	—	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Suction Type	Endotracheal -ZS at 21/07/21 09:30	—	—	—	—
Suction Device	Inline endotracheal catheter -ZS at 21/07/21 09:30	—	—	—	—
Secretion Amount	Small -ZS at 21/07/21 09:30	—	—	—	—
Secretion Colour	Creamy -ZS at 21/07/21 09:30	—	—	—	—
Secretion Consistency	Thick -ZS at 21/07/21 09:30	—	—	—	—
Suction Tolerance	Tolerated well -ZS at 21/07/21 09:30	—	—	—	—
Suctioning Adverse Effects	None -ZS at 21/07/21 09:30	—	—	—	—
Suction Type	Oral -ZS at 21/07/21 09:30	—	—	—	—
Suction Device	Yankeur -ZS at 21/07/21 09:30	—	—	—	—
Secretion Amount	Moderate -ZS at 21/07/21 09:30	—	—	—	—
Secretion Colour	Creamy -ZS at 21/07/21 09:30	—	—	—	—
Secretion Consistency	Thick -ZS at 21/07/21 09:30	—	—	—	—
Suction Tolerance	Tolerated well -ZS at 21/07/21 09:30	—	—	—	—
Suctioning Adverse Effects	None -ZS at 21/07/21 09:30	—	—	—	—
FiO2 (%)	—	—	21 % -ZS at 21/07/21 09:30	21 % -HN at 21/07/21 08:01	—
O2 delivery device	—	—	Endotracheal tube -ZS at 21/07/21 09:30	Endotracheal tube -HN at 21/07/21 08:01	—
SpO2	—	—	99 % -ZS at 21/07/21 09:22	99 % -HN at 21/07/21 08:01	—
Resp	—	—	18 -ZS at 21/07/21 09:30	18 -HN at 21/07/21 08:01	—
ETCO2 (kPa)	—	—	3.7 kPa -ZS at 21/07/21 09:22	3.8 kPa -HN at 21/07/21 08:01	—
Device Name	—	—	Servo-u -ZS at 21/07/21 09:30	Servo-u -HN at 21/07/21 08:01	—
Vent Mode	—	—	Synchronised intermittent mandatory ventilation/pressure control -ZS at 21/07/21 09:30	Synchronised intermittent mandatory ventilation/pressure control -HN at 21/07/21 08:01	—
Resp Rate (Set)	—	—	18 -ZS at 21/07/21 09:30	18 -HN at 21/07/21 08:01	—
Resp Rate Observed	—	—	18 -ZS at 21/07/21 09:30	18 -HN at 21/07/21 08:01	—
PEEP achieved (cmH2O)	—	—	4.9 cm H2O -ZS at 21/07/21 09:22	4.9 cm H2O -HN at 21/07/21 08:01	—
PEEP/CPAP set (cmH2O)	—	—	5 cmH2O -ZS at 21/07/21 09:22	5 cmH2O -HN at 21/07/21 08:01	—
Pressure Support (cm H2O)	—	—	10 cm H2O -ZS at 21/07/21 09:22	10 cm H2O -HN at 21/07/21 08:01	—
PC Set	—	—	12 -ZS at 21/07/21 09:22	12 -HN at 21/07/21 08:01	—
Tidal Volume achieved (ml)	—	—	424.6 mL -ZS at 21/07/21 09:22	430.4 mL -HN at 21/07/21 08:01	—
Vt ml/kg	—	—	7.7 ml/kg -ZS at 21/07/21 09:22	7.8 ml/kg -HN at 21/07/21 08:01	—
Minute Ventilation (L/min)	—	—	7.7 L/min -ZS at 21/07/21 09:22	7.7 L/min -HN at 21/07/21 08:01	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Ppeak (cm H2O)	—	—	17 cm H2O -ZS at 21/07/21 09:30	—	—
Pmean MAP (cmH20)	—	—	8.3 cm H2O -ZS at 21/07/21 09:22	8.3 cm H2O -HN at 21/07/21 08:01	—
Trigger Sensitivity Flow (L/min)	—	—	1.41 L/min -ZS at 21/07/21 09:22	1.41 L/min -HN at 21/07/21 08:01	—
HME	—	—	Yes -ZS at 21/07/21 09:30	Yes -HN at 21/07/21 08:01	—
CO2 Water Trap Checked	—	—	Yes -ZS at 21/07/21 09:30	Yes -HN at 21/07/21 08:01	—
Source (from Blood Gas - read only)	—	Arterial 21/07/21 09:12	—	—	Arterial 21/07/21 07:04
FiO2 (from Blood Gas - read only)	—	21 21/07/21 09:12	—	—	21 21/07/21 07:04
pH (from Blood Gas - read only)	—	<b>(!) 7.485</b> 21/07/21 09:12	—	—	<b>7.443</b> 21/07/21 07:04
PCO2 (from Blood Gas - read only)	—	<b>(!) 4.19</b> 21/07/21 09:12	—	—	<b>4.78</b> 21/07/21 07:04
PO2 (from Blood Gas - read only)	—	<b>(!) 15.3</b> 21/07/21 09:12	—	—	<b>(!) 13.4</b> 21/07/21 07:04
HCO3- (from Blood Gas - read only)	—	<b>25.3</b> 21/07/21 09:12	—	—	<b>25.1</b> 21/07/21 07:04
Base Excess (from Blood Gas - read only)	—	<b>0.2</b> 21/07/21 09:12	—	—	<b>0.4</b> 21/07/21 07:04
Total Hb (from Blood Gas - read only)	—	<b>137</b> 21/07/21 09:12	—	—	<b>136</b> 21/07/21 07:04
SaO2 (from Blood Gas - read only)	—	<b>98.6</b> 21/07/21 09:12	—	—	<b>98.2</b> 21/07/21 07:04
Oxyhaemoglobin (from Blood Gas - read only)	—	<b>97.2</b> 21/07/21 09:12	—	—	<b>96.4</b> 21/07/21 07:04
Carboxyhaemoglobin (from Blood Gas - read only)	—	<b>0.7</b> 21/07/21 09:12	—	—	<b>0.8</b> 21/07/21 07:04
Deoxyhaemoglobin (from Blood Gas - read only)	—	<b>1.4</b> 21/07/21 09:12	—	—	<b>1.8</b> 21/07/21 07:04
Methaemoglobin (from Blood Gas - read only)	—	<b>0.7</b> 21/07/21 09:12	—	—	<b>1</b> 21/07/21 07:04
Haematocrit (from Blood Gas - read only)	—	<b>42.1</b> 21/07/21 09:12	—	—	<b>41.5</b> 21/07/21 07:04
Sodium (from Blood Gas - read only)	—	<b>(!) 156</b> 21/07/21 09:12	—	—	<b>(!) 159</b> 21/07/21 07:04
Potassium (from Blood Gas - read only)	—	<b>3.7</b> 21/07/21 09:12	—	—	<b>4.4</b> 21/07/21 07:04
Ionised Calcium (from Blood Gas - read only)	—	<b>1.14</b> 21/07/21 09:12	—	—	<b>1.15</b> 21/07/21 07:04
Chloride (from Blood Gas - read only)	—	<b>(!) 124</b> 21/07/21 09:12	—	—	<b>(!) 127</b> 21/07/21 07:04
Glucose (from Blood Gas - read only)	—	<b>(!) 8.6</b> 21/07/21 09:12	—	—	<b>(!) 6.8</b> 21/07/21 07:04

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Lactate (from Blood Gas - read only)	—	1.1 21/07/21 09:12	—	—	0.9 21/07/21 07:04
Oxygen Content (from Blood Gas - read only)	—	8.5 21/07/21 09:12	—	—	8.2 21/07/21 07:04
O2 Tension at 50% saturation (from Blood Gas - read only)	—	3.19 21/07/21 09:12	—	—	3.34 21/07/21 07:04
PO2 (from Blood Gas - read only)	—	(!) 15.3 21/07/21 09:12	—	—	(!) 13.4 21/07/21 07:04
Ventilated patient?	—	—	Yes -ZS at 21/07/21 09:30	—	—
Respiratory Pattern	—	—	Normal -ZS at 21/07/21 09:30	—	—
Respiratory Depth/Rhythm	—	—	Regular -ZS at 21/07/21 09:30	—	—
Increasing respiratory effort?	—	—	No -ZS at 21/07/21 09:30	—	—
Chest Assessment	—	—	Symmetrical;Chest expansion symmetrical -ZS at 21/07/21 09:30	—	—
Bilateral Air Entry?	—	—	Yes -ZS at 21/07/21 09:30	—	—
Left Upper Auscultation	—	—	Clear -ZS at 21/07/21 09:30	—	—
Left Lower Auscultation	—	—	Clear -ZS at 21/07/21 09:30	—	—
Right Upper Auscultation	—	—	Clear -ZS at 21/07/21 09:30	—	—
Right Lower Auscultation	—	—	Clear -ZS at 21/07/21 09:30	—	—
Cough (spontaneous/natural cough)	—	—	None -ZS at 21/07/21 09:30	—	—
Pulse	—	—	90 -ZS at 21/07/21 09:22	90 -HN at 21/07/21 08:01	—
Pulse source	—	—	Monitor -ZS at 21/07/21 09:30	Monitor -HN at 21/07/21 08:01	—
Cardiac Rhythm	—	—	Normal sinus rhythm -ZS at 21/07/21 09:30	Normal sinus rhythm -HN at 21/07/21 08:01	—
Arterial Line BP	—	—	95/79 -ZS at 21/07/21 09:22	101/57 -HN at 21/07/21 08:01	—
Arterial Line MAP (mmHg)	—	—	88 mmHg -ZS at 21/07/21 09:22	72 mmHg -HN at 21/07/21 08:01	—
Temp	—	—	35.9 °C (96.6 °F) -ZS at 21/07/21 09:30	—	—
Temp src	—	—	Tympanic -ZS at 21/07/21 09:30	—	—
Bair Hugger on	—	—	Yes -ZS at 21/07/21 09:30	—	—
Skin Colour	—	—	Appropriate for ethnicity -ZS at 21/07/21 09:30	—	—
Skin Condition/Temp	—	—	Warm;Dry -ZS at 21/07/21 09:30	—	—
Cyanosis	—	—	None -ZS at 21/07/21 09:30	—	—
Capillary Refill - Peripheral	—	—	Less than/equal to 3 seconds -ZS at 21/07/21 09:30	—	—
Capillary Refill -	—	—	Less than/equal to	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Central			3 seconds -ZS at 21/07/21 09:30		
Oedema	—	—	None -ZS at 21/07/21 09:30	—	—
Anti-Embolism Stockings (TEDS)	—	—	On -ZS at 21/07/21 09:30	—	—
Anti-embolism stockings	—	—	Knee length (Left);Knee length (Right) -ZS at 21/07/21 09:30	—	—
Skin Intact	—	—	Yes -ZS at 21/07/21 09:30	—	—
Eye Opening	—	—	None/Not able to obtain (eg eyes closed by swelling) -ZS at 21/07/21 09:30	—	—
Best Verbal Response	—	—	None/Not able to obtain (eg ET or tracheostomy tube) -ZS at 21/07/21 09:30	—	—
Best Motor Response	—	—	None -ZS at 21/07/21 09:30	—	—
Glasgow Coma Scale Score	—	—	3 -ZS at 21/07/21 09:30	—	—
Level of consciousness	—	—	<b>(!) Unresponsive</b> -ZS at 21/07/21 09:30	<b>(!) Unresponsive</b> -HN at 21/07/21 08:01	—
Richmond Agitation Sedation Scale (RASS)	—	—	Unarousable -ZS at 21/07/21 09:30	—	—
R Pupil Size (mm)	—	—	7 -ZS at 21/07/21 09:30	—	—
R Pupil Reaction	—	—	Nonreactive -ZS at 21/07/21 09:30	—	—
R Pupil Shape	—	—	Round -ZS at 21/07/21 09:30	—	—
L Pupil Size (mm)	—	—	7 -ZS at 21/07/21 09:30	—	—
L Pupil Reaction	—	—	Nonreactive -ZS at 21/07/21 09:30	—	—
L Pupil Shape	—	—	Round -ZS at 21/07/21 09:30	—	—
Limb Power Assessment	—	—	Yes -ZS at 21/07/21 09:30	—	—
Right upper limb power	—	—	Nil -ZS at 21/07/21 09:30	—	—
Left upper limb power	—	—	Nil -ZS at 21/07/21 09:30	—	—
Right lower limb power	—	—	Nil -ZS at 21/07/21 09:30	—	—
Left lower limb power	—	—	Nil -ZS at 21/07/21 09:30	—	—
Neuro Symptoms	—	—	None -ZS at 21/07/21 09:30	—	—
Feature 3: Altered Level of Consciousness	—	—	Positive -ZS at 21/07/21 09:30	—	—
Facial Expression	—	—	Relaxed, neutral -ZS at 21/07/21 09:30	—	—
Body Movements	—	—	Absence of movements or normal position -ZS at 21/07/21 09:30	—	—
Compliance with the Ventilator (Intubated)	—	—	Tolerating ventilator or movement	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Patients)			-ZS at 21/07/21 09:30		
Vocalization (Extubated Patients)	—	—	Talking in normal tone or no sound -ZS at 21/07/21 09:30	—	—
Muscle Tension	—	—	Relaxed -ZS at 21/07/21 09:30	—	—
Critical-Care Pain Observation Score	—	—	0 -ZS at 21/07/21 09:30	—	—
Abdomen Inspection	—	—	Soft -ZS at 21/07/21 09:30	—	—
Bowel Sounds (All Quadrants)	—	—	Hypoactive -ZS at 21/07/21 09:30	—	—
GI Symptoms	—	—	None -ZS at 21/07/21 09:30	—	—
Oral care	—	—	Moistened oral swabs;Lip balm;Dependent -ZS at 21/07/21 09:30	—	—
Eye Care	—	—	Delivered -ZS at 21/07/21 09:30	—	—
Lid closure assessment	—	—	Grade 0 - eyelids close well (or patient blinking normally) -ZS at 21/07/21 09:30	—	—
Eye care actions	—	—	Cleaned -ZS at 21/07/21 09:30	—	—
Call from	SN Zoe -ZS at 21/07/21 11:34	—	—	—	—
Damp dusting	—	—	Yes -ZS at 21/07/21 09:30	—	—
Disposable equipment in date	—	—	Yes -ZS at 21/07/21 09:30	—	—
Spare oral airways	—	—	Yes -ZS at 21/07/21 09:30	—	—
Oxygen and suction working	—	—	Yes -ZS at 21/07/21 09:30	—	—
Rebreath and Ambu bag available	—	—	Yes -ZS at 21/07/21 09:30	—	—
Visor/Goggles at bedside	—	—	Yes -ZS at 21/07/21 09:30	—	—
Spare oxygen cylinder	—	—	Yes -ZS at 21/07/21 09:30	—	—
Spare trachy inner tubes/dilator	—	—	N/A -ZS at 21/07/21 09:30	—	—
Suction equipment available	—	—	Yes -ZS at 21/07/21 09:30	—	—
Monitor alarms appropriate	—	—	Yes -ZS at 21/07/21 09:30	—	—
Ventilator alarms appropriate	—	—	Yes -ZS at 21/07/21 09:30	—	—
Transducer	—	—	Transducer kit labelled correctly;Transducer/s re-zeroed -ZS at 21/07/21 09:30	—	—
Medications/MAR	—	—	Prescriptions/dosages checked and correct;Discontinue	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

			d infusions "stopped" on MAR;Allergies checked and documented;Giving sets/lines in date -ZS at 21/07/21 09:30		
Nutrition status assessed?	—	—	Yes - appropriate nutrition plan in place -ZS at 21/07/21 09:30	—	—
Resus status up to date	—	—	Yes -ZS at 21/07/21 09:30	—	—
Name band in situ	—	—	Yes -ZS at 21/07/21 09:30	—	—
NOK details correct	—	—	Yes -ZS at 21/07/21 09:30	—	—
IV Properties	Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Left -ADA, 18/07/21 04:40 Location: Antecubital -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -ADA, 18/07/21 04:40 Name of dressing applied: Semipermeable dressing -ADA, 18/07/21 04:40 Removal Date: 21/07/21 -ZS, 21/07/21 13:15 Removal Time: 13:15 -ZS, 21/07/21 13:15				
<b>Row Name</b>	<b>21/07/21 07:00</b>	<b>21/07/21 06:00</b>	<b>21/07/21 05:00</b>	<b>21/07/21 04:40</b>	<b>21/07/21 04:00</b>
ETT Properties	Placement Date: 18/07/21 -RCA, 19/07/21 01:16 Placement Time: 16:00 -RCA, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RCA, 19/07/21 01:16 Cuffed: Yes -RCA, 19/07/21 01:16 Location: Oral -RCA, 19/07/21 01:16 Grade View: Full view of the glottis -RCA, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RCA, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
FiO2 (%)	21 % -HN at 21/07/21 07:10	21 % -HN at 21/07/21 06:04	21 % -HN at 21/07/21 05:07	—	21 % -MT at 21/07/21 04:03
O2 delivery device	Endotracheal tube -HN at 21/07/21 07:10	Endotracheal tube -HN at 21/07/21 06:04	Endotracheal tube -HN at 21/07/21 05:07	—	Endotracheal tube -MT at 21/07/21 04:03
SpO2	98 % -HN at 21/07/21 07:10	95 % -HN at 21/07/21 07:10	96 % -HN at 21/07/21 05:07	—	97 % -MT at 21/07/21 04:03
Resp	18 -HN at 21/07/21 07:10	18 -HN at 21/07/21 06:04	18 -HN at 21/07/21 05:07	—	18 -MT at 21/07/21 04:03
ETCO2 (kPa)	4.4 kPa -HN at 21/07/21 07:10	5 kPa -HN at 21/07/21 07:10	5.2 kPa -HN at 21/07/21 05:07	—	5.2 kPa -MT at 21/07/21 04:03
Device Name	—	—	Servo-u -HN at 21/07/21 05:07	—	Servo-u -MT at 21/07/21 04:03
Vent Mode	—	—	Synchronised intermittent mandatory ventilation/pressure control -HN at 21/07/21 05:07	—	Synchronised intermittent mandatory ventilation/pressure control -MT at 21/07/21 04:03
Resp Rate (Set)	18 -HN at 21/07/21 07:10	18 -HN at 21/07/21 06:04	18 -HN at 21/07/21 05:07	—	18 -MT at 21/07/21 04:03
Resp Rate Observed	18 -HN at 21/07/21 07:10	18 -HN at 21/07/21 06:04	18 -HN at 21/07/21 05:07	—	18 -MT at 21/07/21 04:03
PEEP achieved (cmH2O)	4.8 cm H2O -HN at 21/07/21 07:10	4.9 cm H2O -HN at 21/07/21 07:10	4.9 cm H2O -HN at 21/07/21 05:07	—	4.8 cm H2O -MT at 21/07/21 04:03
PEEP/CPAP set (cmH2O)	5 cmH2O -HN at 21/07/21 07:10	5 cmH2O -HN at 21/07/21 07:10	5 cmH2O -HN at 21/07/21 05:07	—	5 cmH2O -MT at 21/07/21 04:03
Achieved PEEP - Set PEEP (difference)	—	—	—	—	-0.2 cmH2O -MT at 21/07/21 04:03
Pressure Support (cm H2O)	10 cm H2O -HN at 21/07/21 07:10	10 cm H2O -HN at 21/07/21 07:10	10 cm H2O -HN at 21/07/21 05:07	—	10 cm H2O -MT at 21/07/21 04:03
PC Set	12 -HN at 21/07/21 07:10	12 -HN at 21/07/21 07:10	12 -HN at 21/07/21 05:07	—	12 -MT at 21/07/21 04:03
Tidal Volume achieved (ml)	431.6 mL -HN at 21/07/21 07:10	403.6 mL -HN at 21/07/21 07:10	408.2 mL -HN at 21/07/21 05:07	—	419.2 mL -MT at 21/07/21 04:03
Vt ml/kg	7.8 ml/kg -HN at 21/07/21 07:10	7.3 ml/kg -HN at 21/07/21 07:10	7.4 ml/kg -HN at 21/07/21 05:07	—	7.6 ml/kg -MT at 21/07/21 04:03
Minute Ventilation	7.8 L/min -HN at 21/07/21 07:10	7.2 L/min -HN at 21/07/21 07:10	7.3 L/min -HN at 21/07/21 05:07	—	7.5 L/min -MT at 21/07/21 04:03

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

(L/min)					
Ppeak (cm H2O)	17 cm H2O -HN at 21/07/21 07:10	—	17 cm H2O -HN at 21/07/21 05:07	—	17 cm H2O -MT at 21/07/21 04:03
Pmean MAP (cmH2O)	8.3 cm H2O -HN at 21/07/21 07:10	8.3 cm H2O -HN at 21/07/21 07:10	8.3 cm H2O -HN at 21/07/21 05:07	—	8.3 cm H2O -MT at 21/07/21 04:03
Trigger Sensitivity Flow (L/min)	1.41 L/min -HN at 21/07/21 07:10	1.41 L/min -HN at 21/07/21 07:10	1.41 L/min -HN at 21/07/21 05:07	—	1.41 L/min -MT at 21/07/21 04:03
Vt/10	—	—	—	—	41.9 -MT at 21/07/21 04:03
HME	Yes -HN at 21/07/21 07:10	Yes -HN at 21/07/21 06:04	Yes -HN at 21/07/21 05:07	—	Yes -MT at 21/07/21 04:03
CO2 Water Trap Checked	Yes -HN at 21/07/21 07:10	Yes -HN at 21/07/21 06:04	Yes -HN at 21/07/21 05:07	—	Yes -MT at 21/07/21 04:03
Source (from Blood Gas - read only)	—	—	—	Arterial 21/07/21 04:40	—
FiO2 (from Blood Gas - read only)	—	—	—	21 21/07/21 04:40	—
pH (from Blood Gas - read only)	—	—	—	7.442 21/07/21 04:40	—
PCO2 (from Blood Gas - read only)	—	—	—	4.69 21/07/21 04:40	—
PO2 (from Blood Gas - read only)	—	—	—	(!) 10.7 21/07/21 04:40	—
HCO3- (from Blood Gas - read only)	—	—	—	24.6 21/07/21 04:40	—
Base Excess (from Blood Gas - read only)	—	—	—	-0.1 21/07/21 04:40	—
Total Hb (from Blood Gas - read only)	—	—	—	137 21/07/21 04:40	—
SaO2 (from Blood Gas - read only)	—	—	—	96.8 21/07/21 04:40	—
Oxyhaemoglobin (from Blood Gas - read only)	—	—	—	95.2 21/07/21 04:40	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	—	—	0.8 21/07/21 04:40	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	—	—	3.1 21/07/21 04:40	—
Methaemoglobin (from Blood Gas - read only)	—	—	—	0.9 21/07/21 04:40	—
Haematocrit (from Blood Gas - read only)	—	—	—	42.1 21/07/21 04:40	—
Sodium (from Blood Gas - read only)	—	—	—	(!) 161 21/07/21 04:40	—
Potassium (from Blood Gas - read only)	—	—	—	3.7 21/07/21 04:40	—
Ionised Calcium (from Blood Gas - read only)	—	—	—	(!) 1.12 21/07/21 04:40	—
Chloride (from Blood Gas - read only)	—	—	—	(!) 130 21/07/21 04:40	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Glucose (from Blood Gas - read only)	—	—	—	<b>(I) 7.7</b> 21/07/21 04:40	—
Lactate (from Blood Gas - read only)	—	—	—	<b>0.9</b> 21/07/21 04:40	—
Oxygen Content (from Blood Gas - read only)	—	—	—	<b>8.2</b> 21/07/21 04:40	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	—	—	<b>3.05</b> 21/07/21 04:40	—
PO2 (from Blood Gas - read only)	—	—	—	<b>(I) 10.7</b> 21/07/21 04:40	—
Pulse	<b>113</b> -HN at 21/07/21 07:10	<b>123</b> -HN at 21/07/21 07:10	<b>130</b> -HN at 21/07/21 05:07	—	<b>121</b> -MT at 21/07/21 04:03
Pulse source	<b>Monitor</b> -HN at 21/07/21 07:10	<b>Monitor</b> -HN at 21/07/21 06:04	<b>Monitor</b> -HN at 21/07/21 05:07	—	<b>Monitor</b> -MT at 21/07/21 04:03
Cardiac Rhythm	<b>Sinus tachycardia</b> -HN at 21/07/21 07:10	<b>Sinus tachycardia</b> -HN at 21/07/21 06:04	<b>Sinus tachycardia</b> -HN at 21/07/21 05:07	—	<b>Sinus tachycardia</b> -MT at 21/07/21 04:03
Arterial Line BP	<b>136/86</b> -HN at 21/07/21 07:10	<b>110/66</b> -HN at 21/07/21 07:10	<b>109/61</b> -HN at 21/07/21 05:07	—	<b>106/59</b> -MT at 21/07/21 04:03
Arterial Line MAP (mmHg)	<b>106 mmHg</b> -HN at 21/07/21 07:10	<b>78 mmHg</b> -HN at 21/07/21 07:10	<b>75 mmHg</b> -HN at 21/07/21 05:07	—	<b>73 mmHg</b> -MT at 21/07/21 04:03
Temp	<b>36.9 °C (98.4 °F)</b> -HN at 21/07/21 07:10	—	<b>37.8 °C (100 °F)</b> -HN at 21/07/21 05:07	—	—
Temp src	<b>Tympanic</b> -HN at 21/07/21 07:10	—	<b>Tympanic</b> -HN at 21/07/21 05:07	—	—
Bair Hugger on	<b>No</b> -HN at 21/07/21 07:10	<b>No</b> -HN at 21/07/21 06:04	— -HN at 21/07/21 06:04	—	—
Decision by	—	<b>Registered Nurse</b> -HN at 21/07/21 06:04	—	—	—
Indications	—	<b>Heart Rate;ABP</b> -HN at 21/07/21 06:04	—	—	—
Target Achieved	—	<b>Yes</b> -HN at 21/07/21 06:04	—	—	—
Pre/Post Fluid	—	<b>Post fluid</b> -HN at 21/07/21 06:04	—	—	—
Pacemaker	—	<b>No</b> -HN at 21/07/21 06:04	—	—	—
Skin Colour	—	<b>Appropriate for ethnicity</b> -HN at 21/07/21 06:04	—	—	—
Skin Condition/Temp	—	<b>Warm;Dry</b> -HN at 21/07/21 06:04	—	—	—
Cyanosis	—	<b>None</b> -HN at 21/07/21 06:04	—	—	—
Capillary Refill - Peripheral	—	<b>Less than/equal to 3 seconds</b> -HN at 21/07/21 06:04	—	—	—
Capillary Refill - Central	—	<b>Less than/equal to 3 seconds</b> -HN at 21/07/21 06:04	—	—	—
Oedema	—	<b>None</b> -HN at 21/07/21 06:04	—	—	—
Anti-Embolism Stockings (TEDS)	—	<b>On</b> -HN at 21/07/21 06:04	—	—	—
Anti-embolism stockings	—	<b>Knee length (Right);Knee length (Left)</b> -HN at 21/07/21 06:04	—	—	—
Skin Intact	—	<b>Yes</b> -HN at 21/07/21 06:04	—	—	—
Eye Opening	—	<b>None/Not able to obtain (eg eyes closed by swelling)</b>	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

			-HN at 21/07/21 06:04		
Best Verbal Response	—	None/Not able to obtain (eg ET or tracheostomy tube)	—	—	—
			-HN at 21/07/21 06:04		
Best Motor Response	—	None	—	—	—
			-HN at 21/07/21 06:04		
Glasgow Coma Scale Score	—	3	—	—	—
			-HN at 21/07/21 06:04		
Level of consciousness	—	(!) Unresponsive	—	—	(!) Unresponsive
			-HN at 21/07/21 06:04		-MT at 21/07/21 04:03
Reason Unresponsive	Comatose -HN at 21/07/21 07:10	Comatose	—	—	Comatose -MT at 21/07/21 04:03
Richmond Agitation Sedation Scale (RASS)	—	Unarousable	—	—	Unarousable -MT at 21/07/21 04:03
			-HN at 21/07/21 06:04		
R Pupil Size (mm)	—	7	—	—	—
			-HN at 21/07/21 06:04		
R Pupil Reaction	—	Nonreactive	—	—	—
			-HN at 21/07/21 06:04		
R Pupil Shape	—	Round	—	—	—
			-HN at 21/07/21 06:04		
L Pupil Size (mm)	—	7	—	—	—
			-HN at 21/07/21 06:04		
L Pupil Reaction	—	Nonreactive	—	—	—
			-HN at 21/07/21 06:04		
L Pupil Shape	—	Round	—	—	—
			-HN at 21/07/21 06:04		
Limb Power Assessment	—	Yes	—	—	—
			-HN at 21/07/21 06:04		
Right upper limb power	—	Nil	—	—	—
			-HN at 21/07/21 06:04		
Left upper limb power	—	Nil	—	—	—
			-HN at 21/07/21 06:04		
Right lower limb power	—	Nil	—	—	—
			-HN at 21/07/21 06:04		
Left lower limb power	—	Nil	—	—	—
			-HN at 21/07/21 06:04		
Neuro Symptoms	—	None	—	—	—
			-HN at 21/07/21 06:04		
Continuous EEG	—	No	—	—	—
			-HN at 21/07/21 06:04		
Feature 3: Altered Level of Consciousness	—	Positive	—	—	Positive -MT at 21/07/21 04:03
			-HN at 21/07/21 06:04		
Pain Scale	—	Critical Care Pain Observation Tool	—	—	—
			-HN at 21/07/21 06:04		
Verbal pain scale at rest	—	Nil	—	—	—
			-HN at 21/07/21 06:04		
Verbal pain scale on movement	—	Nil	—	—	—
			-HN at 21/07/21 06:04		
Unable to Self-Report Pain Reason	—	Patient unresponsive	—	—	—
			-HN at 21/07/21 06:04		
Nausea or vomiting?	—	None	—	—	—
			-HN at 21/07/21 06:04		
Nausea score	—	Symptom absent	—	—	—
			-HN at 21/07/21 06:04		
Vocalisation	—	Absent	—	—	—
			-HN at 21/07/21 06:04		
Facial expression	—	Absent	—	—	—
			-HN at 21/07/21 06:04		
Changes in body	—	Absent	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

language		-HN at 21/07/21 06:04			
Behavioural change	—	<b>Absent</b> -HN at 21/07/21 06:04	—	—	—
Physiological change	—	<b>Absent</b> -HN at 21/07/21 06:04	—	—	—
Physical change	—	<b>Absent</b> -HN at 21/07/21 06:04	—	—	—
ABBEY PAIN SCORE	—	<b>0</b> -HN at 21/07/21 06:04	—	—	—
Facial Expression	—	<b>Relaxed</b> -HN at 21/07/21 06:04	—	—	—
Upper Limbs	—	<b>No movement</b> -HN at 21/07/21 06:04	—	—	—
Compliance with Ventilation	—	<b>Tolerating movement</b> -HN at 21/07/21 06:04	—	—	—
Behavioural Pain Scale Total Score	—	<b>3</b> -HN at 21/07/21 06:04	—	—	—
Facial Expression	—	<b>Relaxed, neutral</b> -HN at 21/07/21 06:04	—	—	<b>Relaxed, neutral</b> -MT at 21/07/21 04:03
Body Movements	—	<b>Absence of movements or normal position</b> -HN at 21/07/21 06:04	—	—	<b>Absence of movements or normal position</b> -MT at 21/07/21 04:03
Compliance with the Ventilator (Intubated Patients)	—	<b>Tolerating ventilator or movement</b> -HN at 21/07/21 06:04	—	—	<b>Tolerating ventilator or movement</b> -MT at 21/07/21 04:03
Vocalization (Extubated Patients)	—	<b>Talking in normal tone or no sound</b> -HN at 21/07/21 06:04	—	—	—
Muscle Tension	—	<b>Relaxed</b> -HN at 21/07/21 06:04	—	—	<b>Relaxed</b> -MT at 21/07/21 04:03
Critical-Care Pain Observation Score	—	<b>0</b> -HN at 21/07/21 06:04	—	—	<b>0</b> -MT at 21/07/21 04:03
Pain Interventions	—	—	—	—	<b>Medication (See MAR)</b> -MT at 21/07/21 04:03
Communication Needs	—	<b>None</b> -HN at 21/07/21 06:04	—	—	—
Abdomen Inspection	—	<b>Soft</b> -HN at 21/07/21 06:04	—	—	—
Bowel Sounds (All Quadrants)	—	<b>Present</b> -HN at 21/07/21 06:04	—	—	—
Faecal devices	—	<b>None</b> -HN at 21/07/21 06:05	—	—	—
Bowel Opened?	—	<b>No</b> -HN at 21/07/21 06:05	—	—	—
All pressure areas observed	<b>Yes</b> -HN at 21/07/21 07:10	—	—	—	—
Head	<b>Intact</b> -HN at 21/07/21 07:10	—	—	—	—
Left Shoulder	<b>Intact</b> -HN at 21/07/21 07:10	—	—	—	—
Right Shoulder	<b>Intact</b> -HN at 21/07/21 07:10	—	—	—	—
Left Elbow	<b>Intact</b> -HN at 21/07/21 07:10	—	—	—	—
Right Elbow	<b>Intact</b> -HN at 21/07/21 07:10	—	—	—	—
Left Hip	<b>Intact</b> -HN at 21/07/21 07:10	—	—	—	—
Right Hip	<b>Intact</b> -HN at 21/07/21 07:10	—	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Left Heel	Intact -HN at 21/07/21 07:10	—	—	—	—
Right Heel	Intact -HN at 21/07/21 07:10	—	—	—	—
Left Buttock	Intact -HN at 21/07/21 07:10	—	—	—	—
Right Buttock	Intact -HN at 21/07/21 07:10	—	—	—	—
Sacrum	Intact -HN at 21/07/21 07:10	—	—	—	—
Face	Yes -HN at 21/07/21 07:10	—	—	—	—
Right Cheek	Intact -HN at 21/07/21 07:10	—	—	—	—
Left Cheek	Intact -HN at 21/07/21 07:10	—	—	—	—
Right Ear	Intact -HN at 21/07/21 07:10	—	—	—	—
Left Ear	Intact -HN at 21/07/21 07:10	—	—	—	—
Nose	Intact -HN at 21/07/21 07:10	—	—	—	—
Forehead	Intact -HN at 21/07/21 07:10	—	—	—	—
Chin	Intact -HN at 21/07/21 07:10	—	—	—	—
Reposition	Bed - Tilt Left 60 degrees -HN at 21/07/21 07:10	—	—	—	—
Positioning Frequency	3 hourly -HN at 21/07/21 07:10	—	3 hourly -HN at 21/07/21 06:05	—	—
Analgesia Required	No -HN at 21/07/21 07:10	—	No -HN at 21/07/21 06:05	—	—
Patient clean and dry	Yes -HN at 21/07/21 07:10	—	Yes -HN at 21/07/21 06:05	—	—
Urinary catheter/BMS patent and draining	—	—	Yes -HN at 21/07/21 06:05	—	—
Perianal care	Moisture barrier cream applied -HN at 21/07/21 07:10	—	—	—	—
Oral care	Lip balm;Moistened oral swabs -HN at 21/07/21 07:10	—	Lip balm;Moistened oral swabs -HN at 21/07/21 06:05	—	—
Linen changed	Pillow case -HN at 21/07/21 07:10	—	—	—	—
Eye Care	Delivered -HN at 21/07/21 07:10	—	—	—	—
Lid closure assessment	Grade 0 - eyelids close well (or patient blinking normally) -HN at 21/07/21 07:10	—	—	—	—
Eye care actions	Cleaned -HN at 21/07/21 07:10	—	—	—	—
IV Properties	Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Left -ADA, 18/07/21 04:40 Location: Antecubital -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids - ADA, 18/07/21 04:40 Name of dressing applied: Semipermeable dressing -ADA, 18/07/21 04:40 Removal Date: 21/07/21 -ZS, 21/07/21 13:15 Removal Time: 13:15 -ZS, 21/07/21 13:15				
<b>Row Name</b>	<b>21/07/21 03:00</b>	<b>21/07/21 02:00</b>	<b>21/07/21 01:14</b>	<b>21/07/21 01:00</b>	<b>21/07/21 00:00</b>
Natural airway patent?	—	—	—	No -HN at 21/07/21 04:52	—
Airway LDA	—	—	—	Endotracheal tube -HN at 21/07/21 04:52	—
Abnormal airway sounds	—	—	—	N/A -HN at 21/07/21 04:52	—
Any airway	—	—	—	N/A	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

obstruction?	-HN at 21/07/21 04:52				
ETT Properties	Placement Date: 18/07/21 -RCA, 19/07/21 01:16 Placement Time: 16:00 -RCA, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RCA, 19/07/21 01:16 Cuffed: Yes -RCA, 19/07/21 01:16 Location: Oral -RCA, 19/07/21 01:16 Grade View: Full view of the glottis -RCA, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RCA, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Secured at (cm)	—	—	—	23 cm	—
	-HN at 21/07/21 04:52				
Measured from	—	—	—	Lips	—
	-HN at 21/07/21 04:52				
Tube Position	—	—	—	Centre	—
	-HN at 21/07/21 04:52				
Secured by	—	—	—	AnchorFast	—
	-HN at 21/07/21 04:52				
Site Condition	—	—	—	Intact	—
	-HN at 21/07/21 04:52				
Cuff Pressure	—	—	—	30 cm H2O	—
	-HN at 21/07/21 04:52				
Cuff leak present	—	—	—	No	—
	-HN at 21/07/21 04:52				
Airway Interventions	—	—	—	Airway suction	—
	-HN at 21/07/21 04:52				
Manoeuvres	—	—	—	Reposition	—
	-HN at 21/07/21 04:52				
Suction Type	—	—	—	Endotracheal	—
	-HN at 21/07/21 04:52				
Suction Device	—	—	—	Inline endotracheal catheter	—
	-HN at 21/07/21 04:52				
Secretion Amount	—	—	—	None	—
	-HN at 21/07/21 04:52				
Suction Tolerance	—	—	—	Tolerated well	—
	-HN at 21/07/21 04:52				
Suction Type	—	—	—	Oral	—
	-HN at 21/07/21 04:52				
Suction Device	—	—	—	Yankeur	—
	-HN at 21/07/21 04:52				
Secretion Amount	—	—	—	Small	—
	-HN at 21/07/21 04:52				
Secretion Colour	—	—	—	White	—
	-HN at 21/07/21 04:52				
Secretion Consistency	—	—	—	Thin	—
	-HN at 21/07/21 04:52				
Suction Tolerance	—	—	—	Tolerated well	—
	-HN at 21/07/21 04:52				
Suctioning Adverse Effects	—	—	—	None	—
	-HN at 21/07/21 04:52				
FiO2 (%)	21 % -MT at 21/07/21 03:10	21 % -HN at 21/07/21 02:06	—	21 % -HN at 21/07/21 01:07	21 % -HN at 21/07/21 00:01
O2 delivery device	Endotracheal tube -MT at 21/07/21 03:10	Endotracheal tube -HN at 21/07/21 02:06	—	Endotracheal tube -HN at 21/07/21 01:07	Endotracheal tube -HN at 21/07/21 00:01
SpO2	97 % -MT at 21/07/21 03:10	96 % -HN at 21/07/21 04:53	—	98 % -HN at 21/07/21 04:53	98 % -HN at 21/07/21 00:01
Resp	18 -MT at 21/07/21 03:10	18 -HN at 21/07/21 02:06	—	18 -HN at 21/07/21 01:07	18 -HN at 21/07/21 00:01
ETCO2 (kPa)	5.3 kPa -MT at 21/07/21 03:10	5.2 kPa -HN at 21/07/21 04:53	—	4.9 kPa -HN at 21/07/21 04:53	5.2 kPa -HN at 21/07/21 00:01
Device Name	Servo-u -MT at 21/07/21 03:10	—	—	Servo-u -HN at 21/07/21 04:56	—
Vent Mode	Synchronised intermittent mandatory ventilation/pressure control -MT at 21/07/21 04:03	—	—	Synchronised intermittent mandatory ventilation/pressure control -HN at 21/07/21 04:56	—
Resp Rate (Set)	18 -MT at 21/07/21 03:10	18 -HN at 21/07/21 02:06	—	18 -HN at 21/07/21 01:07	18 -HN at 21/07/21 00:01
Resp Rate	18	18	—	18	18

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Observed	-MT at 21/07/21 03:10	-HN at 21/07/21 02:06		-HN at 21/07/21 01:07	-HN at 21/07/21 00:01
PEEP achieved (cmH2O)	4.9 cm H2O -MT at 21/07/21 03:10	4.9 cm H2O -HN at 21/07/21 04:53	—	4.9 cm H2O -HN at 21/07/21 04:53	4.9 cm H2O -HN at 21/07/21 00:01
PEEP/CPAP set (cmH2O)	5 cmH2O -MT at 21/07/21 03:10	5 cmH2O -HN at 21/07/21 04:53	—	5 cmH2O -HN at 21/07/21 04:53	5 cmH2O -HN at 21/07/21 00:01
Achieved PEEP - Set PEEP (difference)	-0.1 cmH2O -MT at 21/07/21 03:10	—	—	—	—
Pressure Support (cm H2O)	10 cm H2O -MT at 21/07/21 03:10	10 cm H2O -HN at 21/07/21 04:53	—	10 cm H2O -HN at 21/07/21 04:53	10 cm H2O -HN at 21/07/21 00:01
PC Set	12 -MT at 21/07/21 03:10	12 -HN at 21/07/21 04:53	—	12 -HN at 21/07/21 04:53	12 -HN at 21/07/21 00:01
Tidal Volume achieved (ml)	419.8 mL -MT at 21/07/21 03:10	414.4 mL -HN at 21/07/21 04:53	—	407.4 mL -HN at 21/07/21 04:53	341.8 mL -HN at 21/07/21 00:01
Vt ml/kg	7.6 ml/kg -MT at 21/07/21 03:10	7.5 ml/kg -HN at 21/07/21 04:53	—	7.4 ml/kg -HN at 21/07/21 04:53	6.2 ml/kg -HN at 21/07/21 00:01
Minute Ventilation (L/min)	7.6 L/min -MT at 21/07/21 03:10	7.5 L/min -HN at 21/07/21 04:53	—	7.4 L/min -HN at 21/07/21 04:53	6.1 L/min -HN at 21/07/21 00:01
Ppeak (cm H2O)	17 cm H2O -MT at 21/07/21 03:10	—	—	17 cm H2O -HN at 21/07/21 01:07	17 cm H2O -HN at 21/07/21 00:01
Pmean MAP (cmH2O)	8.3 cm H2O -MT at 21/07/21 03:10	8.3 cm H2O -HN at 21/07/21 04:53	—	8.3 cm H2O -HN at 21/07/21 04:53	8.3 cm H2O -HN at 21/07/21 00:01
Trigger Sensitivity Flow (L/min)	1.41 L/min -MT at 21/07/21 03:10	1.41 L/min -HN at 21/07/21 04:53	—	1.41 L/min -HN at 21/07/21 04:53	1.41 L/min -HN at 21/07/21 00:01
Vt/10	42 -MT at 21/07/21 03:10	—	—	—	—
HME	Yes -MT at 21/07/21 03:10	—	—	Yes -HN at 21/07/21 01:07	—
CO2 Water Trap Checked	Yes -MT at 21/07/21 03:10	—	—	Yes -HN at 21/07/21 01:07	—
Source (from Blood Gas - read only)	—	—	Arterial 21/07/21 01:14	—	—
FiO2 (from Blood Gas - read only)	—	—	25 21/07/21 01:14	—	—
pH (from Blood Gas - read only)	—	—	7.385 21/07/21 01:14	—	—
PCO2 (from Blood Gas - read only)	—	—	5.16 21/07/21 01:14	—	—
PO2 (from Blood Gas - read only)	—	—	(!) 13.8 21/07/21 01:14	—	—
HCO3- (from Blood Gas - read only)	—	—	23 21/07/21 01:14	—	—
Base Excess (from Blood Gas - read only)	—	—	-1.9 21/07/21 01:14	—	—
Total Hb (from Blood Gas - read only)	—	—	140 21/07/21 01:14	—	—
SaO2 (from Blood Gas - read only)	—	—	98 21/07/21 01:14	—	—
Oxyhaemoglobin (from Blood Gas - read only)	—	—	96.2 21/07/21 01:14	—	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	—	0.9 21/07/21 01:14	—	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	—	2 21/07/21 01:14	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Gas - read only)					
Methaemoglobin (from Blood Gas - read only)	—	—	<b>0.9</b> 21/07/21 01:14	—	—
Haematocrit (from Blood Gas - read only)	—	—	<b>42.9</b> 21/07/21 01:14	—	—
Sodium (from Blood Gas - read only)	—	—	<b>(!) 165</b> 21/07/21 01:14	—	—
Potassium (from Blood Gas - read only)	—	—	<b>(!) 3.4</b> 21/07/21 01:14	—	—
Ionised Calcium (from Blood Gas - read only)	—	—	<b>1.24</b> 21/07/21 01:14	—	—
Chloride (from Blood Gas - read only)	—	—	<b>(!) 135</b> 21/07/21 01:14	—	—
Glucose (from Blood Gas - read only)	—	—	<b>(!) 8.5</b> 21/07/21 01:14	—	—
Lactate (from Blood Gas - read only)	—	—	<b>1.4</b> 21/07/21 01:14	—	—
Oxygen Content (from Blood Gas - read only)	—	—	<b>8.5</b> 21/07/21 01:14	—	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	—	<b>3.55</b> 21/07/21 01:14	—	—
PO2 (from Blood Gas - read only)	—	—	<b>(!) 13.8</b> 21/07/21 01:14	—	—
Ventilated patient?	—	—	—	<b>Yes</b> -HN at 21/07/21 04:56	—
Respiratory Pattern	—	—	—	<b>Normal</b> -HN at 21/07/21 04:56	—
Respiratory Depth/Rhythm	—	—	—	<b>Regular</b> -HN at 21/07/21 04:56	—
Increasing respiratory effort?	—	—	—	<b>No</b> -HN at 21/07/21 04:56	—
Chest Assessment	—	—	—	<b>Symmetrical;Chest expansion symmetrical</b> -HN at 21/07/21 04:56	—
Bilateral Air Entry?	—	—	—	<b>Yes</b> -HN at 21/07/21 04:56	—
Pulse	<b>121</b> -MT at 21/07/21 03:10	<b>113</b> -HN at 21/07/21 04:53	—	<b>103</b> -HN at 21/07/21 04:53	<b>97</b> -HN at 21/07/21 00:01
Pulse source	<b>Monitor</b> -MT at 21/07/21 03:10	<b>Monitor</b> -HN at 21/07/21 02:06	—	<b>Monitor</b> -HN at 21/07/21 01:07	<b>Monitor</b> -HN at 21/07/21 00:01
Cardiac Rhythm	<b>Sinus tachycardia</b> -MT at 21/07/21 03:10	<b>Sinus tachycardia</b> -HN at 21/07/21 02:06	—	<b>Normal sinus rhythm</b> -HN at 21/07/21 01:07	<b>Normal sinus rhythm</b> -HN at 21/07/21 00:01
Arterial Line BP	<b>109/67</b> -MT at 21/07/21 03:10	<b>87/51</b> -HN at 21/07/21 04:53	—	<b>94/56</b> -HN at 21/07/21 04:53	<b>98/58</b> -HN at 21/07/21 00:01
Arterial Line MAP (mmHg)	<b>80 mmHg</b> -MT at 21/07/21 03:10	<b>62 mmHg</b> -HN at 21/07/21 04:53	—	<b>68 mmHg</b> -HN at 21/07/21 04:53	<b>70 mmHg</b> -HN at 21/07/21 00:01
Temp	—	<b>36 °C (96.8 °F)</b> -HN at 21/07/21 02:06	—	—	<b>36 °C (96.8 °F)</b> -HN at 21/07/21 00:01
Temp src	—	<b>Tympanic</b> -HN at 21/07/21 02:06	—	—	<b>Tympanic</b> -HN at 21/07/21 00:01
Bair Hugger on	—	<b>Yes</b> -HN at 21/07/21 02:06	—	<b>Yes</b> -HN at 21/07/21 01:07	<b>Yes</b> -HN at 21/07/21 00:01

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Pacemaker	—	—	—	No -HN at 21/07/21 04:56	—
Skin Colour	—	—	—	Appropriate for ethnicity -HN at 21/07/21 04:56	—
Skin Condition/Temp	—	—	—	Warm -HN at 21/07/21 04:56	—
Cyanosis	—	—	—	None -HN at 21/07/21 04:56	—
Capillary Refill - Peripheral	—	—	—	Less than/equal to 3 seconds -HN at 21/07/21 04:56	—
Capillary Refill - Central	—	—	—	Less than/equal to 3 seconds -HN at 21/07/21 04:56	—
Oedema	—	—	—	None -HN at 21/07/21 04:56	—
Anti-Embolism Stockings (TEDS)	—	—	—	On -HN at 21/07/21 04:56	—
Anti-embolism stockings	—	—	—	Knee length (Left);Knee length (Right) -HN at 21/07/21 04:56	—
Skin Intact	—	—	—	Yes -HN at 21/07/21 04:56	—
Eye Opening	None/Not able to obtain (eg eyes closed by swelling) -MT at 21/07/21 03:10	—	—	None/Not able to obtain (eg eyes closed by swelling) -HN at 21/07/21 01:07	—
Best Verbal Response	None/Not able to obtain (eg ET or tracheostomy tube) -MT at 21/07/21 03:10	—	—	None/Not able to obtain (eg ET or tracheostomy tube) -HN at 21/07/21 01:07	—
Best Motor Response	None -MT at 21/07/21 03:10	—	—	None -HN at 21/07/21 01:07	—
Glasgow Coma Scale Score	3 -MT at 21/07/21 03:10	—	—	3 -HN at 21/07/21 01:07	—
Level of consciousness	(!) Unresponsive -MT at 21/07/21 03:10	—	—	(!) Unresponsive -HN at 21/07/21 04:56	—
Reason Unresponsive	Comatose -MT at 21/07/21 03:10	—	—	Comatose -HN at 21/07/21 04:56	—
Richmond Agitation Sedation Scale (RASS)	Unarousable -MT at 21/07/21 03:10	—	—	Unarousable -HN at 21/07/21 04:56	—
R Pupil Size (mm)	—	—	—	7 -HN at 21/07/21 04:56	—
R Pupil Reaction	—	—	—	Nonreactive -HN at 21/07/21 04:56	—
R Pupil Shape	—	—	—	Round -HN at 21/07/21 04:56	—
L Pupil Size (mm)	—	—	—	7 -HN at 21/07/21 04:56	—
L Pupil Reaction	—	—	—	Nonreactive -HN at 21/07/21 04:56	—
L Pupil Shape	—	—	—	Round -HN at 21/07/21 04:56	—
Limb Power Assessment	—	—	—	Yes -HN at 21/07/21 04:56	—
Right upper limb power	—	—	—	Nil -HN at 21/07/21 04:56	—
Left upper limb power	—	—	—	Nil -HN at 21/07/21 04:56	—
Right lower limb power	—	—	—	Nil -HN at 21/07/21 04:56	—
Left lower limb	—	—	—	Nil	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

power				-HN at 21/07/21 04:56	
Neuro Symptoms	—	—	—	None	—
Feature 3: Altered Level of Consciousness	Positive	—	—	Positive	—
	-MT at 21/07/21 03:10			-HN at 21/07/21 04:56	
Pain Scale	—	—	—	Critical Care Pain Observation Tool	—
				-HN at 21/07/21 04:56	
Verbal pain scale at rest	—	—	—	Nil	—
				-HN at 21/07/21 04:56	
Verbal pain scale on movement	—	—	—	Nil	—
				-HN at 21/07/21 04:56	
Unable to Self-Report Pain Reason	—	—	—	Patient unresponsive	—
				-HN at 21/07/21 04:56	
Nausea or vomiting?	—	—	—	None	—
				-HN at 21/07/21 04:56	
Nausea score	—	—	—	Symptom absent	—
				-HN at 21/07/21 04:56	
Vocalisation	—	—	—	Absent	—
				-HN at 21/07/21 04:56	
Facial expression	—	—	—	Absent	—
				-HN at 21/07/21 04:56	
Changes in body language	—	—	—	Absent	—
				-HN at 21/07/21 04:56	
Behavioural change	—	—	—	Absent	—
				-HN at 21/07/21 04:56	
Physiological change	—	—	—	Absent	—
				-HN at 21/07/21 04:56	
Physical change	—	—	—	Absent	—
				-HN at 21/07/21 04:56	
ABBEY PAIN SCORE	—	—	—	0	—
				-HN at 21/07/21 04:56	
Facial Expression	—	—	—	Relaxed	—
				-HN at 21/07/21 04:56	
Upper Limbs	—	—	—	No movement	—
				-HN at 21/07/21 04:56	
Compliance with Ventilation	—	—	—	Tolerating movement	—
				-HN at 21/07/21 04:56	
Behavioural Pain Scale Total Score	—	—	—	3	—
				-HN at 21/07/21 04:56	
Facial Expression	Relaxed, neutral	—	—	Relaxed, neutral	—
	-MT at 21/07/21 03:10			-HN at 21/07/21 04:56	
Body Movements	Absence of movements or normal position	—	—	Absence of movements or normal position	—
	-MT at 21/07/21 03:10			-HN at 21/07/21 04:56	
Compliance with the Ventilator (Intubated Patients)	Tolerating ventilator or movement	—	—	Tolerating ventilator or movement	—
	-MT at 21/07/21 03:10			-HN at 21/07/21 04:56	
Vocalization (Extubated Patients)	—	—	—	Talking in normal tone or no sound	—
				-HN at 21/07/21 04:56	
Muscle Tension	Relaxed	—	—	Relaxed	—
	-MT at 21/07/21 03:10			-HN at 21/07/21 04:56	
Critical-Care Pain Observation Score	0	—	—	0	—
	-MT at 21/07/21 03:10			-HN at 21/07/21 04:56	
Pain Interventions	Medication (See MAR)	—	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

-MT at 21/07/21 03:10					
Communication Needs	—	—	—	None -HN at 21/07/21 04:56	—
Abdomen Inspection	—	—	—	Soft -HN at 21/07/21 04:56	—
Bowel Sounds (All Quadrants)	—	—	—	Present -HN at 21/07/21 06:04	—
Passing Flatus	—	—	—	No -HN at 21/07/21 04:56	—
Faecal devices	—	—	—	None -HN at 21/07/21 04:56	—
Bowel Opened?	—	—	—	No -HN at 21/07/21 04:56	—
All pressure areas observed	—	—	—	—	Yes -HN at 21/07/21 04:56
Head	—	—	—	—	Intact -HN at 21/07/21 04:56
Left Shoulder	—	—	—	—	Intact -HN at 21/07/21 04:56
Right Shoulder	—	—	—	—	Intact -HN at 21/07/21 04:56
Left Elbow	—	—	—	—	Intact -HN at 21/07/21 04:56
Right Elbow	—	—	—	—	Intact -HN at 21/07/21 04:56
Left Hip	—	—	—	—	Intact -HN at 21/07/21 04:56
Right Hip	—	—	—	—	Intact -HN at 21/07/21 04:56
Left Heel	—	—	—	—	Intact -HN at 21/07/21 04:56
Right Heel	—	—	—	—	Intact -HN at 21/07/21 04:56
Left Buttock	—	—	—	—	Intact -HN at 21/07/21 04:56
Right Buttock	—	—	—	—	Intact -HN at 21/07/21 04:56
Sacrum	—	—	—	—	Intact -HN at 21/07/21 04:56
Face	—	—	—	—	Yes -HN at 21/07/21 04:56
Right Cheek	—	—	—	—	Intact -HN at 21/07/21 04:56
Left Cheek	—	—	—	—	Intact -HN at 21/07/21 04:56
Right Ear	—	—	—	—	Intact -HN at 21/07/21 04:56
Left Ear	—	—	—	—	Intact -HN at 21/07/21 04:56
Nose	—	—	—	—	Intact -HN at 21/07/21 04:56
Forehead	—	—	—	—	Intact -HN at 21/07/21 04:56
Chin	—	—	—	—	Intact -HN at 21/07/21 04:56
Surface	—	—	—	Duo mattress -HN at 21/07/21 04:56	—
Reposition	—	—	—	Bed - Tilt Right 30 degrees -HN at 21/07/21 06:05	—
Positioning Frequency	—	—	—	3 hourly -HN at 21/07/21 06:05	—
Patient clean and dry	—	—	—	Yes -HN at 21/07/21 04:56	—
Urinary catheter/BMS patent and draining	—	—	—	Not Applicable -HN at 21/07/21 04:56	—
Bathing	—	—	—	—	Bath;Dependent

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Dressing assessment	—	—	—	—	—	-HN at 21/07/21 00:26 <b>Dependent</b> -HN at 21/07/21 00:26
Perianal care	—	—	—	—	—	<b>Moisture barrier cream applied</b> -HN at 21/07/21 00:26
Oral care	Moistened oral swabs;Lip balm;Dependent -HN at 21/07/21 04:57	—	—	—	—	<b>Dependent;Moistened oral swabs;Lip balm</b> -HN at 21/07/21 00:26
Linen changed	—	—	—	—	—	<b>Total bed change</b> -HN at 21/07/21 00:26
Eye Care	—	—	—	—	—	<b>Delivered</b> -HN at 21/07/21 00:26
Personal Hygiene Assessment	—	—	—	—	—	<b>Requires assistance</b> -HN at 21/07/21 00:26
IV Properties	Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Left -ADA, 18/07/21 04:40 Location: Antecubital -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -ADA, 18/07/21 04:40 Name of dressing applied: Semipermeable dressing -ADA, 18/07/21 04:40 Removal Date: 21/07/21 -ZS, 21/07/21 13:15 Removal Time: 13:15 -ZS, 21/07/21 13:15					
<b>Row Name</b>	<b>20/07/21 23:03</b>	<b>20/07/21 23:00</b>	<b>20/07/21 22:00</b>	<b>20/07/21 21:05</b>	<b>20/07/21 21:00</b>	
Natural airway patent?	—	—	—	—	—	<b>No</b> -HN at 20/07/21 22:40
Airway LDA	—	—	—	—	—	<b>Endotracheal tube</b> -HN at 20/07/21 22:40
Abnormal airway sounds	—	—	—	—	—	<b>N/A</b> -HN at 20/07/21 22:40
Any airway obstruction?	—	—	—	—	—	<b>N/A</b> -HN at 20/07/21 22:40
ETT Properties	Placement Date: 18/07/21 -RCA, 19/07/21 01:16 Placement Time: 16:00 -RCA, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RCA, 19/07/21 01:16 Cuffed: Yes -RCA, 19/07/21 01:16 Location: Oral -RCA, 19/07/21 01:16 Grade View: Full view of the glottis -RCA, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RCA, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45					
Secured at (cm)	—	—	—	—	—	<b>23 cm</b> -HN at 20/07/21 22:40
Measured from	—	—	—	—	—	<b>Lips</b> -HN at 20/07/21 22:40
Tube Position	—	—	—	—	—	<b>Centre</b> -HN at 20/07/21 22:40
Secured by	—	—	—	—	—	<b>AnchorFast</b> -HN at 20/07/21 22:40
Site Condition	—	—	—	—	—	<b>Intact</b> -HN at 20/07/21 22:40
Cuff Pressure	—	—	—	—	—	<b>30 cm H2O</b> -HN at 20/07/21 22:40
Cuff leak present	—	—	—	—	—	<b>No</b> -HN at 20/07/21 22:40
Airway Interventions	—	—	—	—	—	<b>Airway suction</b> -HN at 20/07/21 22:40
Suction Type	—	—	—	—	—	<b>Endotracheal</b> -HN at 20/07/21 22:40
Suction Device	—	—	—	—	—	<b>Inline endotracheal catheter</b> -HN at 20/07/21 22:40
Secretion Amount	—	—	—	—	—	<b>None</b> -HN at 20/07/21 22:40
Suction Tolerance	—	—	—	—	—	<b>Tolerated well</b> -HN at 20/07/21 22:40
Suction Type	—	—	—	—	—	<b>Oral</b> -HN at 20/07/21 22:40
Suction Device	—	—	—	—	—	<b>Yankeur</b> -HN at 20/07/21 22:40
Secretion Amount	—	—	—	—	—	<b>Small</b> -HN at 20/07/21 22:40

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Secretion Colour	—	—	—	—	White -HN at 20/07/21 22:40
Secretion Consistency	—	—	—	—	Thin -HN at 20/07/21 22:40
Suction Tolerance	—	—	—	—	Tolerated well -HN at 20/07/21 22:40
Suctioning Adverse Effects	—	—	—	—	None -HN at 20/07/21 22:40
FiO2 (%)	—	21 % -HN at 20/07/21 23:05	21 % -HN at 20/07/21 22:23	—	21 % -HN at 20/07/21 21:13
O2 delivery device	—	Endotracheal tube -HN at 20/07/21 23:05	Endotracheal tube -HN at 20/07/21 22:23	—	Endotracheal tube -HN at 20/07/21 21:13
SpO2	—	98 % -HN at 20/07/21 23:05	—	—	98 % -HN at 20/07/21 22:24
Resp	—	18 -HN at 20/07/21 23:05	18 -HN at 20/07/21 22:23	—	18 -HN at 20/07/21 21:13
ETCO2 (kPa)	—	5 kPa -HN at 20/07/21 23:05	—	—	4.4 kPa -HN at 20/07/21 22:24
Device Name	—	—	—	—	Servo-u -HN at 20/07/21 21:13
Vent Mode	—	—	—	—	Synchronised intermittent mandatory ventilation/pressure control -HN at 20/07/21 21:13
Resp Rate (Set)	—	18 -HN at 20/07/21 23:05	18 -HN at 20/07/21 22:23	—	18 -HN at 20/07/21 21:13
Resp Rate Observed	—	18 -HN at 20/07/21 23:05	18 -HN at 20/07/21 22:23	—	18 -HN at 20/07/21 21:13
PEEP achieved (cmH2O)	—	4.9 cm H2O -HN at 20/07/21 23:05	—	—	4.9 cm H2O -HN at 20/07/21 22:24
PEEP/CPAP set (cmH2O)	—	5 cmH2O -HN at 20/07/21 23:05	—	—	5 cmH2O -HN at 20/07/21 22:24
Pressure Support (cm H2O)	—	10 cm H2O -HN at 20/07/21 23:05	—	—	10 cm H2O -HN at 20/07/21 22:24
PC Set	—	12 -HN at 20/07/21 23:05	—	—	12 -HN at 20/07/21 22:24
Tidal Volume achieved (ml)	—	337 mL -HN at 20/07/21 23:05	—	—	351.2 mL -HN at 20/07/21 22:24
Vt ml/kg	—	6.1 ml/kg -HN at 20/07/21 23:05	—	—	6.4 ml/kg -HN at 20/07/21 22:24
Minute Ventilation (L/min)	—	6.2 L/min -HN at 20/07/21 23:05	—	—	6.3 L/min -HN at 20/07/21 22:24
Ppeak (cm H2O)	—	—	17 cm H2O -HN at 20/07/21 22:23	—	—
Pmean MAP (cmH2O)	—	8.3 cm H2O -HN at 20/07/21 23:05	—	—	8.2 cm H2O -HN at 20/07/21 22:24
Trigger Sensitivity Flow (L/min)	—	1.41 L/min -HN at 20/07/21 23:05	—	—	1.41 L/min -HN at 20/07/21 22:24
HME	—	—	Yes -HN at 20/07/21 22:23	Yes -HN at 20/07/21 22:23	—
CO2 Water Trap Checked	—	—	Yes -HN at 20/07/21 22:23	Yes -HN at 20/07/21 22:23	—
Source (from Blood Gas - read only)	Arterial 20/07/21 23:03	—	—	—	Arterial 20/07/21 21:00
FiO2 (from Blood Gas - read only)	25 20/07/21 23:03	—	—	—	25 20/07/21 21:00
pH (from Blood Gas - read only)	7.398 20/07/21 23:03	—	—	—	7.426 20/07/21 21:00
PCO2 (from Blood Gas - read only)	5.5 20/07/21 23:03	—	—	—	4.91 20/07/21 21:00

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

PO2 (from Blood Gas - read only)	<b>(!) 13.8</b> 20/07/21 23:03	—	—	—	<b>(!) 13.5</b> 20/07/21 21:00
HCO3- (from Blood Gas - read only)	<b>24.8</b> 20/07/21 23:03	—	—	—	<b>24.5</b> 20/07/21 21:00
Base Excess (from Blood Gas - read only)	<b>0.6</b> 20/07/21 23:03	—	—	—	<b>-0.1</b> 20/07/21 21:00
Total Hb (from Blood Gas - read only)	<b>152</b> 20/07/21 23:03	—	—	—	<b>149</b> 20/07/21 21:00
SaO2 (from Blood Gas - read only)	<b>97.8</b> 20/07/21 23:03	—	—	—	<b>97.8</b> 20/07/21 21:00
Oxyhaemoglobin (from Blood Gas - read only)	<b>95.9</b> 20/07/21 23:03	—	—	—	<b>96.3</b> 20/07/21 21:00
Carboxyhaemoglobin (from Blood Gas - read only)	<b>0.8</b> 20/07/21 23:03	—	—	—	<b>0.7</b> 20/07/21 21:00
Deoxyhaemoglobin (from Blood Gas - read only)	<b>2.2</b> 20/07/21 23:03	—	—	—	<b>2.2</b> 20/07/21 21:00
Methaemoglobin (from Blood Gas - read only)	<b>1.1</b> 20/07/21 23:03	—	—	—	<b>0.8</b> 20/07/21 21:00
Haematocrit (from Blood Gas - read only)	<b>46.4</b> 20/07/21 23:03	—	—	—	<b>45.8</b> 20/07/21 21:00
Sodium (from Blood Gas - read only)	<b>(!) 164</b> 20/07/21 23:03	—	—	—	<b>(!) 166</b> 20/07/21 21:00
Potassium (from Blood Gas - read only)	<b>4.3</b> 20/07/21 23:03	—	—	—	<b>(!) 3.2</b> 20/07/21 21:00
Ionised Calcium (from Blood Gas - read only)	<b>1.23</b> 20/07/21 23:03	—	—	—	<b>1.23</b> 20/07/21 21:00
Chloride (from Blood Gas - read only)	<b>(!) 137</b> 20/07/21 23:03	—	—	—	<b>(!) 133</b> 20/07/21 21:00
Glucose (from Blood Gas - read only)	<b>(!) 6.9</b> 20/07/21 23:03	—	—	—	<b>(!) 7.8</b> 20/07/21 21:00
Lactate (from Blood Gas - read only)	<b>1</b> 20/07/21 23:03	—	—	—	<b>1.2</b> 20/07/21 21:00
Oxygen Content (from Blood Gas - read only)	<b>9.2</b> 20/07/21 23:03	—	—	—	<b>9.1</b> 20/07/21 21:00
O2 Tension at 50% saturation (from Blood Gas - read only)	<b>3.48</b> 20/07/21 23:03	—	—	—	<b>3.41</b> 20/07/21 21:00
PO2 (from Blood Gas - read only)	<b>(!) 13.8</b> 20/07/21 23:03	—	—	—	<b>(!) 13.5</b> 20/07/21 21:00
Ventilated patient?	—	—	—	—	<b>Yes</b> -HN at 20/07/21 22:40
Respiratory Pattern	—	—	—	—	<b>Normal</b> -HN at 20/07/21 22:40
Respiratory Depth/Rhythm	—	—	—	—	<b>Regular</b> -HN at 20/07/21 22:40
Increasing respiratory effort?	—	—	—	—	<b>No</b> -HN at 20/07/21 22:40

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Chest Assessment	—	—	—	—	Symmetrical -HN at 20/07/21 22:40
Bilateral Air Entry?	—	—	—	—	Yes -HN at 20/07/21 22:40
Left Upper Auscultation	—	—	—	—	Clear -HN at 20/07/21 22:40
Left Lower Auscultation	—	—	—	—	Clear -HN at 20/07/21 22:40
Right Upper Auscultation	—	—	—	—	Clear -HN at 20/07/21 22:40
Right Lower Auscultation	—	—	—	—	Clear -HN at 20/07/21 22:40
Cough (spontaneous/natural cough)	—	—	—	—	None -HN at 20/07/21 22:40
Pulse	—	90 -HN at 20/07/21 23:05	—	—	84 -HN at 20/07/21 22:24
Pulse source	—	—	Monitor -HN at 20/07/21 22:23	—	Monitor -HN at 20/07/21 21:13
Cardiac Rhythm	—	—	Normal sinus rhythm -HN at 20/07/21 22:23	—	Normal sinus rhythm -HN at 20/07/21 21:13
Arterial Line BP	—	181/60 -HN at 20/07/21 23:05	—	—	80/63 -HN at 20/07/21 22:24
Arterial Line MAP (mmHg)	—	157 mmHg -HN at 20/07/21 23:05	—	—	71 mmHg -HN at 20/07/21 22:24
Temp	—	—	35.6 °C (96.1 °F) -HN at 20/07/21 22:23	—	(!) 34.6 °C (94.3 °F) -HN at 20/07/21 21:13
Temp src	—	—	Tympanic -HN at 20/07/21 22:23	—	Tympanic -HN at 20/07/21 21:13
Bair Hugger on	—	—	Yes -HN at 20/07/21 22:23	—	— -HN at 20/07/21 22:23
Pacemaker	—	—	—	—	No -HN at 20/07/21 22:40
Skin Colour	—	—	—	—	Appropriate for ethnicity -HN at 20/07/21 22:40
Skin Condition/Temp	—	—	—	—	Warm -HN at 20/07/21 22:40
Cyanosis	—	—	—	—	None -HN at 20/07/21 22:40
Capillary Refill - Peripheral	—	—	—	—	Less than/equal to 3 seconds -HN at 20/07/21 22:40
Capillary Refill - Central	—	—	—	—	Less than/equal to 3 seconds -HN at 20/07/21 22:40
Oedema	—	—	—	—	None -HN at 20/07/21 22:40
Anti-Embolism Stockings (TEDS)	—	—	—	—	On -HN at 20/07/21 22:40
Anti-embolism stockings	—	—	—	—	Knee length (Left);Knee length (Right) -HN at 20/07/21 22:40
Skin Intact	—	—	—	—	Yes -HN at 20/07/21 22:40
Eye Opening	—	—	—	—	None/Not able to obtain (eg eyes closed by swelling) -HN at 20/07/21 22:40
Best Verbal Response	—	—	—	—	None/Not able to obtain (eg ET or tracheostomy tube) -HN at 20/07/21 22:40
Best Motor	—	—	—	—	None

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Response						-HN at 20/07/21 22:40
Glasgow Coma Scale Score	—	—	—	—		<b>3</b> -HN at 20/07/21 22:40
Level of consciousness	—	—	—	—		<b>(!) Unresponsive</b> -HN at 20/07/21 22:40
Reason Unresponsive	—	—	—	—		<b>Comatose</b> -HN at 20/07/21 22:40
Richmond Agitation Sedation Scale (RASS)	—	—	—		<b>Unarousable</b> -HN at 20/07/21 22:40	<b>Unarousable</b> -HN at 20/07/21 22:40
R Pupil Size (mm)	—	—	—	—		<b>7</b> -HN at 20/07/21 22:40
R Pupil Reaction	—	—	—	—		<b>Nonreactive</b> -HN at 20/07/21 22:40
R Pupil Shape	—	—	—	—		<b>Round</b> -HN at 20/07/21 22:40
L Pupil Size (mm)	—	—	—	—		<b>7</b> -HN at 20/07/21 22:40
L Pupil Reaction	—	—	—	—		<b>Nonreactive</b> -HN at 20/07/21 22:40
L Pupil Shape	—	—	—	—		<b>Round</b> -HN at 20/07/21 22:40
Limb Power Assessment	—	—	—	—		<b>Yes</b> -HN at 20/07/21 22:40
Right upper limb power	—	—	—	—		<b>Nil</b> -HN at 20/07/21 22:40
Left upper limb power	—	—	—	—		<b>Nil</b> -HN at 20/07/21 22:40
Right lower limb power	—	—	—	—		<b>Nil</b> -HN at 20/07/21 22:40
Left lower limb power	—	—	—	—		<b>Nil</b> -HN at 20/07/21 22:40
Neuro Symptoms	—	—	—	—		<b>None</b> -HN at 20/07/21 22:40
Continuous EEG	—	—	—	—		<b>No</b> -HN at 20/07/21 22:40
Feature 3: Altered Level of Consciousness	—	—	—		<b>Positive</b> -HN at 20/07/21 22:40	<b>Positive</b> -HN at 20/07/21 22:40
Pain Scale	—	—	—	—		<b>Critical Care Pain Observation Tool</b> -HN at 20/07/21 22:40
Verbal pain scale at rest	—	—	—	—		<b>Nil</b> -HN at 20/07/21 22:40
Verbal pain scale on movement	—	—	—	—		<b>Nil</b> -HN at 20/07/21 22:40
Unable to Self-Report Pain Reason	—	—	—	—		<b>Patient unresponsive</b> -HN at 20/07/21 22:40
Nausea or vomiting?	—	—	—	—		<b>None</b> -HN at 20/07/21 22:40
Nausea score	—	—	—	—		<b>Symptom absent</b> -HN at 20/07/21 22:40
Vocalisation	—	—	—	—		<b>Absent</b> -HN at 20/07/21 22:40
Facial expression	—	—	—	—		<b>Absent</b> -HN at 20/07/21 22:40
Changes in body language	—	—	—	—		<b>Absent</b> -HN at 20/07/21 22:40
Behavioural change	—	—	—	—		<b>Absent</b> -HN at 20/07/21 22:40
Physiological change	—	—	—	—		<b>Absent</b> -HN at 20/07/21 22:40
Physical change	—	—	—	—		<b>Absent</b>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

					-HN at 20/07/21 22:40
ABBEY PAIN SCORE	—	—	—	—	<b>0</b> -HN at 20/07/21 22:40
Facial Expression	—	—	—	—	<b>Relaxed</b> -HN at 20/07/21 22:40
Upper Limbs	—	—	—	—	<b>No movement</b> -HN at 20/07/21 22:40
Compliance with Ventilation	—	—	—	—	<b>Tolerating movement</b> -HN at 20/07/21 22:40
Behavioural Pain Scale Total Score	—	—	—	—	<b>3</b> -HN at 20/07/21 22:40
Facial Expression	—	—	—	—	<b>Relaxed, neutral</b> -HN at 20/07/21 22:40
Body Movements	—	—	—	—	<b>Absence of movements or normal position</b> -HN at 20/07/21 22:40
Compliance with the Ventilator (Intubated Patients)	—	—	—	—	<b>Tolerating ventilator or movement</b> -HN at 20/07/21 22:40
Vocalization (Extubated Patients)	—	—	—	—	<b>Talking in normal tone or no sound</b> -HN at 20/07/21 22:40
Muscle Tension	—	—	—	—	<b>Relaxed</b> -HN at 20/07/21 22:40
Critical-Care Pain Observation Score	—	—	—	—	<b>0</b> -HN at 20/07/21 22:40
Communication Needs	—	—	—	—	<b>None</b> -HN at 20/07/21 22:40
Abdomen Inspection	—	—	—	—	<b>Soft</b> -HN at 20/07/21 22:40
Bowel Sounds (All Quadrants)	—	—	—	—	<b>Present</b> -HN at 21/07/21 06:04
Passing Flatus	—	—	—	—	<b>No</b> -HN at 20/07/21 22:40
Faecal devices	—	—	—	—	<b>None</b> -HN at 20/07/21 22:40
Bowel Opened?	—	—	—	—	<b>No</b> -HN at 20/07/21 22:40
Urinary Incontinence	—	—	—	—	<b>No</b> -HN at 20/07/21 22:40
Urine Colour	—	—	—	—	<b>Colourless</b> -HN at 20/07/21 22:40
Urine Appearance	—	—	—	—	<b>Clear</b> -HN at 20/07/21 22:40
Urine Odour	—	—	—	—	<b>Unable to assess</b> -HN at 20/07/21 22:40
All pressure areas observed	—	—	—	—	<b>No (Comment)</b> -HN at 20/07/21 22:40
Head	—	—	—	—	<b>Intact</b> -HN at 20/07/21 22:40
Left Shoulder	—	—	—	—	<b>Intact</b> -HN at 20/07/21 22:40
Right Shoulder	—	—	—	—	<b>Intact</b> -HN at 20/07/21 22:40
Left Elbow	—	—	—	—	<b>Intact</b> -HN at 20/07/21 22:40
Right Elbow	—	—	—	—	<b>Intact</b> -HN at 20/07/21 22:40
Left Hip	—	—	—	—	<b>Intact</b> -HN at 20/07/21 22:40
Right Hip	—	—	—	—	<b>Intact</b> -HN at 20/07/21 22:40

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Left Heel	—	—	—	—	Intact -HN at 20/07/21 22:40
Right Heel	—	—	—	—	Intact -HN at 20/07/21 22:40
Face	—	—	—	—	Yes -HN at 20/07/21 22:40
Right Cheek	—	—	—	—	Intact -HN at 20/07/21 22:40
Left Cheek	—	—	—	—	Intact -HN at 20/07/21 22:40
Right Ear	—	—	—	—	Intact -HN at 20/07/21 22:40
Left Ear	—	—	—	—	Intact -HN at 20/07/21 22:40
Nose	—	—	—	—	Intact -HN at 20/07/21 22:40
Forehead	—	—	—	—	Intact -HN at 20/07/21 22:40
Chin	—	—	—	—	Intact -HN at 20/07/21 22:40
Other	—	—	—	—	Intact -HN at 20/07/21 22:40
VAC Dressing/Complex Dressing	—	—	—	—	No -HN at 20/07/21 22:40
SEM Scanner Readings	—	—	—	—	No -HN at 20/07/21 22:40
Surface	—	—	—	—	Duo mattress -HN at 21/07/21 04:56
Patient clean and dry	—	—	—	—	Yes -HN at 20/07/21 22:40
Urinary catheter/BMS patent and draining	—	—	—	—	Not Applicable -HN at 20/07/21 22:40
Diet	—	—	—	—	Outside normal limits -HN at 20/07/21 22:40
Nutrition	—	—	—	—	Probably inadequate -HN at 20/07/21 22:40
Diet	—	—	—	—	Enteral -HN at 20/07/21 22:40
Requires dietitian review	—	—	—	—	Yes (Comment) -HN at 20/07/21 22:40
SSKIN Interventions	—	—	—	—	On pressure relieving mattress -HN at 20/07/21 22:40
Personal Hygiene Assessment	—	—	—	—	Requires assistance -HN at 20/07/21 22:40
History of Falls	—	—	—	—	None -HN at 20/07/21 22:40
Mental State Risk Factors	—	—	—	—	Brain Impairment -HN at 20/07/21 22:40
Medication and BP Risk Factors	—	—	—	—	On 4 or more medications -HN at 20/07/21 22:40
Is there a lying standing BP deficit?	—	—	—	—	(!) Not done (state rational) – comments -HN at 20/07/21 22:40
Vision Risk Factors	—	—	—	—	None -HN at 20/07/21 22:40
Bedside Area Risk Factors	—	—	—	—	Has been assessed for bed rails / trolley rails or ultra low bed

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

					-HN at 20/07/21 22:40
Patient fell on ward or in the hospital	—	—	—	—	<b>No (please comment)</b> -HN at 20/07/21 22:40
Falls Prevention Aids	—	—	—	—	<b>Bed rails</b> -HN at 20/07/21 22:40
Are environmental measures required to reduce the risk of falls?	—	—	—	—	<b>Bed lowest height possible</b> -HN at 20/07/21 22:40
Does the patient require bed or trolley rails?	—	—	—	—	<b>Both sides</b> -HN at 20/07/21 22:40
Patient displaying any behaviours that may increase risk of falling?	—	—	—	—	<b>No</b> -HN at 20/07/21 22:40
Patient aware of falls risk and agreed to planned interventions?	—	—	—	—	<b>No</b> -HN at 20/07/21 22:40
Turning Patient in Bed - Help Needed?	—	—	—	—	<b>Yes</b> -HN at 20/07/21 22:40
Number of Staff Required?	—	—	—	—	<b>3</b> -HN at 20/07/21 22:40
Equipment Needed & Further Information	—	—	—	—	<b>sliding sheet</b> -HN at 20/07/21 22:40
Moving Patient Up and Down the Bed - Help Needed?	—	—	—	—	<b>Yes</b> -HN at 20/07/21 22:40
Number of Staff Required?	—	—	—	—	<b>3</b> -HN at 20/07/21 22:40
Equipment Needed & Further Information	—	—	—	—	<b>sliding sheet</b> -HN at 20/07/21 22:40
Patient Lying to Sitting in Bed - Help Needed?	—	—	—	—	<b>Yes</b> -HN at 20/07/21 22:40
Patient Lying to Sitting in Bed - No. of Staff Required	—	—	—	—	<b>3</b> -HN at 20/07/21 22:40
Equipment Needed & Further Information	—	—	—	—	<b>sliding sheet</b> -HN at 20/07/21 22:40
Morning family introduction call	—	—	—	—	<b>Not appropriate</b> -HN at 20/07/21 22:40
Damp dusting	—	—	—	—	<b>Yes</b> -HN at 20/07/21 22:40
Disposable equipment in date	—	—	—	—	<b>Yes</b> -HN at 20/07/21 22:40
Spare oral airways	—	—	—	—	<b>Yes</b> -HN at 20/07/21 22:40
Oxygen and	—	—	—	—	<b>Yes</b>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

suction working					-HN at 20/07/21 22:40
Rebreath and Ambu bag available	—	—	—	—	Yes -HN at 20/07/21 22:40
Visor/Goggles at bedside	—	—	—	—	Yes -HN at 20/07/21 22:40
Spare oxygen cylinder	—	—	—	—	Yes -HN at 20/07/21 22:40
Spare trachy inner tubes/dilator	—	—	—	—	N/A -HN at 20/07/21 22:40
Suction equipment available	—	—	—	—	Yes -HN at 20/07/21 22:40
Monitor alarms appropriate	—	—	—	—	Yes -HN at 20/07/21 22:40
Ventilator alarms appropriate	—	—	—	—	Yes -HN at 20/07/21 22:40
Transducer	—	—	—	—	Transducer kit labelled correctly -HN at 20/07/21 22:40
Medications/MAR	—	—	—	—	Prescriptions/dosages checked and correct; Allergies checked and documented; Giving sets/lines in date -HN at 20/07/21 22:40
Nutrition status assessed?	—	—	—	—	Yes - appropriate nutrition plan in place -HN at 20/07/21 22:40
Resus status up to date	—	—	—	—	Yes -HN at 20/07/21 22:40
Name band in situ	—	—	—	—	Yes -HN at 20/07/21 22:40
NOK details correct	—	—	—	—	Yes -HN at 20/07/21 22:40
Property checked	—	—	—	—	Yes -HN at 20/07/21 22:40
IV Properties	Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Left -ADA, 18/07/21 04:40 Location: Antecubital -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -ADA, 18/07/21 04:40 Name of dressing applied: Semipermeable dressing -ADA, 18/07/21 04:40 Removal Date: 21/07/21 -ZS, 21/07/21 13:15 Removal Time: 13:15 -ZS, 21/07/21 13:15				
<b>Row Name</b>	<b>20/07/21 20:00</b>	<b>20/07/21 19:34</b>	<b>20/07/21 19:30</b>	<b>20/07/21 17:17</b>	<b>20/07/21 17:00</b>
Natural airway patent?	—	No -GO at 20/07/21 19:35	—	—	—
Airway LDA	—	Endotracheal tube -GO at 20/07/21 19:35	—	—	—
Abnormal airway sounds	—	N/A -GO at 20/07/21 19:35	—	—	—
Any airway obstruction?	—	N/A -GO at 20/07/21 19:35	—	—	—
ETT Properties	Placement Date: 18/07/21 -RCA, 19/07/21 01:16 Placement Time: 16:00 -RCA, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RCA, 19/07/21 01:16 Cuffed: Yes -RCA, 19/07/21 01:16 Location: Oral -RCA, 19/07/21 01:16 Grade View: Full view of the glottis -RCA, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RCA, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Secured at (cm)	—	23 cm -GO at 20/07/21 19:35	—	—	—
Measured from	—	Lips -GO at 20/07/21 19:35	—	—	—
Tube Position	—	Right -GO at 20/07/21 19:35	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Secured by	—	AnchorFast	—	—	—
		-GO at 20/07/21 19:35			
Site Condition	—	Intact	—	—	—
		-GO at 20/07/21 19:35			
Cuff Pressure	—	30 cm H2O	—	—	—
		-GO at 20/07/21 19:35			
Cuff leak present	—	No	—	—	—
		-GO at 20/07/21 19:35			
FiO2 (%)	21 %	21 %	21 %	—	21 %
	-GO at 20/07/21 20:04	-GO at 20/07/21 19:35	-GO at 20/07/21 19:38		-GO at 20/07/21 17:02
O2 delivery device	Endotracheal tube	Endotracheal tube	Endotracheal tube	—	Endotracheal tube
	-GO at 20/07/21 20:04	-GO at 20/07/21 19:35	-GO at 20/07/21 19:38		-GO at 20/07/21 17:02
SpO2	98 %	—	98 %	—	98 %
	-GO at 20/07/21 20:04		-GO at 20/07/21 19:35		-GO at 20/07/21 17:02
Resp	18	18	18	—	18
	-GO at 20/07/21 20:04	-GO at 20/07/21 19:35	-GO at 20/07/21 19:38		-GO at 20/07/21 17:02
ETCO2 (kPa)	4.2 kPa	—	4.3 kPa	—	4.2 kPa
	-GO at 20/07/21 20:04		-GO at 20/07/21 19:35		-GO at 20/07/21 17:02
Device Name	Servo-u	—	Servo-u	—	Servo-u
	-GO at 20/07/21 20:04		-GO at 20/07/21 19:38		-GO at 20/07/21 17:02
Vent Mode	Synchronised intermittent mandatory ventilation/pressure control	—	Synchronised intermittent mandatory ventilation/pressure control	—	Synchronised intermittent mandatory ventilation/pressure control
	-GO at 20/07/21 20:04		-GO at 20/07/21 19:38		-GO at 20/07/21 17:02
Resp Rate (Set)	18	—	18	—	18
	-GO at 20/07/21 20:04		-GO at 20/07/21 19:38		-GO at 20/07/21 17:02
Resp Rate Observed	18	—	18	—	18
	-GO at 20/07/21 20:04		-GO at 20/07/21 19:38		-GO at 20/07/21 17:02
PEEP achieved (cmH2O)	4.9 cm H2O	—	4.9 cm H2O	—	4.9 cm H2O
	-GO at 20/07/21 20:04		-GO at 20/07/21 19:35		-GO at 20/07/21 17:02
PEEP/CPAP set (cmH2O)	5 cmH2O	—	5 cmH2O	—	5 cmH2O
	-GO at 20/07/21 20:04		-GO at 20/07/21 19:35		-GO at 20/07/21 17:02
Achieved PEEP - Set PEEP (difference)	—	—	—	—	-0.1 cmH2O
					-GO at 20/07/21 17:02
Pressure Support (cm H2O)	10 cm H2O	—	10 cm H2O	—	10 cm H2O
	-GO at 20/07/21 20:04		-GO at 20/07/21 19:35		-GO at 20/07/21 17:02
PC Set	12	—	12	—	12
	-GO at 20/07/21 20:04		-GO at 20/07/21 19:35		-GO at 20/07/21 17:02
Tidal Volume achieved (ml)	356.6 mL	—	369.6 mL	—	418 mL
	-GO at 20/07/21 20:04		-GO at 20/07/21 19:35		-GO at 20/07/21 17:02
Vt ml/kg	6.5 ml/kg	—	6.7 ml/kg	—	—
	-GO at 20/07/21 20:04		-GO at 20/07/21 19:35		
Minute Ventilation (L/min)	6.4 L/min	—	6.7 L/min	—	—
	-GO at 20/07/21 20:04		-GO at 20/07/21 19:35		
Ppeak (cm H2O)	17 cm H2O	—	17 cm H2O	—	17 cm H2O
	-GO at 20/07/21 20:04		-GO at 20/07/21 19:38		-GO at 20/07/21 17:02
Pmean MAP (cmH2O)	8.3 cm H2O	—	8.3 cm H2O	—	8.4 cm H2O
	-GO at 20/07/21 20:04		-GO at 20/07/21 19:35		-GO at 20/07/21 17:02
Trigger Sensitivity Flow (L/min)	1.41 L/min	—	1.41 L/min	—	—
	-GO at 20/07/21 20:04		-GO at 20/07/21 19:35		
Vt/10	—	—	—	—	41.8
					-GO at 20/07/21 17:02
Source (from Blood Gas - read only)	—	—	—	Arterial	—
				20/07/21 17:17	
FiO2 (from Blood Gas - read only)	—	—	—	21	—
				20/07/21 17:17	
pH (from Blood Gas - read only)	—	—	—	(!) 7.5	—
				20/07/21 17:17	
PCO2 (from Blood Gas - read only)	—	—	—	(!) 4.2	—
				20/07/21 17:17	

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

only)					
PO2 (from Blood Gas - read only)	—	—	—	<b>(!) 13.5</b> 20/07/21 17:17	—
HCO3- (from Blood Gas - read only)	—	—	—	<b>26.3</b> 20/07/21 17:17	—
Base Excess (from Blood Gas - read only)	—	—	—	<b>1.4</b> 20/07/21 17:17	—
Total Hb (from Blood Gas - read only)	—	—	—	<b>147</b> 20/07/21 17:17	—
SaO2 (from Blood Gas - read only)	—	—	—	<b>98.3</b> 20/07/21 17:17	—
Oxyhaemoglobin (from Blood Gas - read only)	—	—	—	<b>97.6</b> 20/07/21 17:17	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	—	—	<b>(!) 0.1</b> 20/07/21 17:17	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	—	—	<b>1.7</b> 20/07/21 17:17	—
Methaemoglobin (from Blood Gas - read only)	—	—	—	<b>0.6</b> 20/07/21 17:17	—
Haematocrit (from Blood Gas - read only)	—	—	—	<b>45</b> 20/07/21 17:17	—
Sodium (from Blood Gas - read only)	—	—	—	<b>(!) 161</b> 20/07/21 17:17	—
Potassium (from Blood Gas - read only)	—	—	—	<b>3.7</b> 20/07/21 17:17	—
Ionised Calcium (from Blood Gas - read only)	—	—	—	<b>1.21</b> 20/07/21 17:17	—
Chloride (from Blood Gas - read only)	—	—	—	<b>(!) 130</b> 20/07/21 17:17	—
Glucose (from Blood Gas - read only)	—	—	—	<b>5.9</b> 20/07/21 17:17	—
Lactate (from Blood Gas - read only)	—	—	—	<b>0.7</b> 20/07/21 17:17	—
Oxygen Content (from Blood Gas - read only)	—	—	—	<b>9</b> 20/07/21 17:17	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	—	—	<b>3.09</b> 20/07/21 17:17	—
PO2 (from Blood Gas - read only)	—	—	—	<b>(!) 13.5</b> 20/07/21 17:17	—
Pulse	<b>88</b> -GO at 20/07/21 20:04	—	<b>96</b> -GO at 20/07/21 19:35	—	<b>98</b> -GO at 20/07/21 17:02
Pulse source	<b>Monitor</b> -GO at 20/07/21 20:04	—	<b>Monitor</b> -GO at 20/07/21 19:38	—	<b>Monitor</b> -GO at 20/07/21 17:02
Cardiac Rhythm	<b>Normal sinus rhythm</b> -GO at 20/07/21 20:04	—	<b>Normal sinus rhythm</b> -GO at 20/07/21 19:38	—	<b>Normal sinus rhythm</b> -GO at 20/07/21 17:02
Arterial Line BP	<b>97/56</b>	—	<b>97/60</b>	—	<b>103/56</b>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

	-GO at 20/07/21 20:04		-GO at 20/07/21 19:35		-GO at 20/07/21 17:02
Arterial Line	69 mmHg	—	75 mmHg	—	74 mmHg
MAP (mmHg)	-GO at 20/07/21 20:04		-GO at 20/07/21 19:35		-GO at 20/07/21 17:02
Eye Opening	—	—	None/Not able to obtain (eg eyes closed by swelling)	—	—
			-GO at 20/07/21 19:38		
Best Verbal Response	—	—	None/Not able to obtain (eg ET or tracheostomy tube)	—	—
			-GO at 20/07/21 19:38		
Best Motor Response	—	—	None	—	—
			-GO at 20/07/21 19:38		
Glasgow Coma Scale Score	—	—	3	—	—
			-GO at 20/07/21 19:38		

IV Properties Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Left -ADA, 18/07/21 04:40 Location: Antecubital -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -ADA, 18/07/21 04:40 Name of dressing applied: Semipermeable dressing -ADA, 18/07/21 04:40 Removal Date: 21/07/21 -ZS, 21/07/21 13:15 Removal Time: 13:15 -ZS, 21/07/21 13:15

Row Name	20/07/21 16:00	20/07/21 15:00	20/07/21 14:05	20/07/21 14:00	20/07/21 13:00
ETT Properties	Placement Date: 18/07/21 -RCA, 19/07/21 01:16 Placement Time: 16:00 -RCA, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RCA, 19/07/21 01:16 Cuffed: Yes -RCA, 19/07/21 01:16 Location: Oral -RCA, 19/07/21 01:16 Grade View: Full view of the glottis -RCA, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RCA, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Secured at (cm)	23 cm -GO at 20/07/21 17:00	—	—	—	—
Measured from	Lips -GO at 20/07/21 17:00	—	—	—	—
Tube Position	Right -GO at 20/07/21 17:00	—	—	—	—
Secured by	AnchorFast -GO at 20/07/21 17:00	—	—	—	—
Site Condition	Intact -GO at 20/07/21 17:00	—	—	—	—
Cuff Pressure	30 cm H2O -GO at 20/07/21 17:00	—	—	—	—
Cuff leak present	No -GO at 20/07/21 17:00	—	—	—	—
Suction Type	Endotracheal -GO at 20/07/21 17:01	—	—	—	—
Suction Device	Inline endotracheal catheter -GO at 20/07/21 17:01	—	—	—	—
Secretion Amount	None -GO at 20/07/21 17:01	—	—	—	—
Suction Tolerance	Tolerated well -GO at 20/07/21 17:01	—	—	—	—
FiO2 (%)	21 % -GO at 20/07/21 16:11	—	—	—	—
O2 delivery device	Endotracheal tube -GO at 20/07/21 16:11	—	—	—	—
SpO2	98 % -GO at 20/07/21 16:09	—	—	98 % -CM at 20/07/21 14:27	—
Resp	18 -GO at 20/07/21 16:11	—	—	—	—
ETCO2 (kPa)	4.4 kPa -GO at 20/07/21 16:09	—	—	4.7 kPa -CM at 20/07/21 14:27	—
Device Name	Servo-u -GO at 20/07/21 16:11	—	—	Servo-u -CM at 20/07/21 14:28	—
Vent Mode	Synchronised intermittent mandatory ventilation/pressure control -GO at 20/07/21 16:11	—	—	Synchronised intermittent mandatory ventilation/pressure control -CM at 20/07/21 14:28	—
Resp Rate (Set)	18 -GO at 20/07/21 16:11	—	—	18 -CM at 20/07/21 14:28	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Resp Rate Observed	18 -GO at 20/07/21 16:11	—	—	18 -CM at 20/07/21 14:28	—
PEEP achieved (cmH2O)	5.1 cm H2O -GO at 20/07/21 16:11	—	—	4.7 cm H2O -CM at 20/07/21 14:27	—
PEEP/CPAP set (cmH2O)	5 cmH2O -GO at 20/07/21 16:11	—	—	5 cmH2O -CM at 20/07/21 14:27	—
Achieved PEEP - Set PEEP (difference)	0.1 cmH2O -GO at 20/07/21 16:11	—	—	—	—
Pressure Support (cm H2O)	10 cm H2O -GO at 20/07/21 16:11	—	—	10 cm H2O -CM at 20/07/21 14:27	—
PC Set	12 -GO at 20/07/21 16:11	—	—	12 -CM at 20/07/21 14:27	—
Tidal Volume achieved (ml)	407 mL -GO at 20/07/21 16:11	—	—	426.8 mL -CM at 20/07/21 14:27	—
Vt ml/kg	—	—	—	7.8 ml/kg -CM at 20/07/21 14:27	—
Minute Ventilation (L/min)	—	—	—	7.5 L/min -CM at 20/07/21 14:27	—
Ppeak (cm H2O)	17 cm H2O -GO at 20/07/21 16:11	—	—	17 cm H2O -CM at 20/07/21 14:28	—
Pmean MAP (cmH2O)	8.4 cm H2O -GO at 20/07/21 16:11	—	—	8.3 cm H2O -CM at 20/07/21 14:27	—
Trigger Sensitivity Flow (L/min)	—	—	—	1.41 L/min -CM at 20/07/21 14:27	—
Vt/10	40.7 -GO at 20/07/21 16:11	—	—	—	—
Source (from Blood Gas - read only)	—	—	Arterial 20/07/21 14:05	—	—
FiO2 (from Blood Gas - read only)	—	—	21 20/07/21 14:05	—	—
pH (from Blood Gas - read only)	—	—	(!) 7.454 20/07/21 14:05	—	—
PCO2 (from Blood Gas - read only)	—	—	4.69 20/07/21 14:05	—	—
PO2 (from Blood Gas - read only)	—	—	13.2 20/07/21 14:05	—	—
HCO3- (from Blood Gas - read only)	—	—	25.4 20/07/21 14:05	—	—
Base Excess (from Blood Gas - read only)	—	—	0.7 20/07/21 14:05	—	—
Total Hb (from Blood Gas - read only)	—	—	134 20/07/21 14:05	—	—
SaO2 (from Blood Gas - read only)	—	—	98.1 20/07/21 14:05	—	—
Oxyhaemoglobin (from Blood Gas - read only)	—	—	96.7 20/07/21 14:05	—	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	—	0.5 20/07/21 14:05	—	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	—	1.9 20/07/21 14:05	—	—
Methaemoglobin (from Blood Gas)	—	—	0.9 20/07/21 14:05	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

- read only)					
Haematocrit (from Blood Gas - read only)	—	—	41.1 20/07/21 14:05	—	—
Sodium (from Blood Gas - read only)	—	—	(!) 156 20/07/21 14:05	—	—
Potassium (from Blood Gas - read only)	—	—	(!) 3.2 20/07/21 14:05	—	—
Ionised Calcium (from Blood Gas - read only)	—	—	1.16 20/07/21 14:05	—	—
Chloride (from Blood Gas - read only)	—	—	(!) 124 20/07/21 14:05	—	—
Glucose (from Blood Gas - read only)	—	—	(!) 7.3 20/07/21 14:05	—	—
Lactate (from Blood Gas - read only)	—	—	1.2 20/07/21 14:05	—	—
Oxygen Content (from Blood Gas - read only)	—	—	8.2 20/07/21 14:05	—	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	—	3.32 20/07/21 14:05	—	—
PO2 (from Blood Gas - read only)	—	—	13.2 20/07/21 14:05	—	—
Pulse	100 -GO at 20/07/21 16:09	—	—	106 -CM at 20/07/21 14:27	—
Pulse source	Monitor -GO at 20/07/21 16:11	—	—	Monitor -CM at 20/07/21 14:28	—
Cardiac Rhythm	Sinus tachycardia -GO at 20/07/21 16:11	Sinus tachycardia -GO at 20/07/21 16:11	—	Sinus tachycardia -CM at 20/07/21 14:28	Sinus tachycardia -CM at 20/07/21 14:28
Arterial Line BP	110/63 -GO at 20/07/21 16:09	104/58 -GO at 20/07/21 16:09	—	120/120 -CM at 20/07/21 14:27	—
Arterial Line MAP (mmHg)	77 mmHg -GO at 20/07/21 16:09	74 mmHg -GO at 20/07/21 16:09	—	120 mmHg -CM at 20/07/21 14:27	—
Level of consciousness	—	—	—	—	(!) Unresponsive -CM at 20/07/21 14:29
Reason Unresponsive	—	—	—	—	Comatose -CM at 20/07/21 14:29
Richmond Agitation Sedation Scale (RASS)	—	—	—	—	Unarousable -CM at 20/07/21 14:29
Feature 3: Altered Level of Consciousness	—	—	—	—	Positive -CM at 20/07/21 14:29
IV Properties	Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Left -ADA, 18/07/21 04:40 Location: Antecubital -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -ADA, 18/07/21 04:40 Name of dressing applied: Semipermeable dressing -ADA, 18/07/21 04:40 Removal Date: 21/07/21 -ZS, 21/07/21 13:15 Removal Time: 13:15 -ZS, 21/07/21 13:15				
<b>Row Name</b>	<b>20/07/21 12:00</b>	<b>20/07/21 11:00</b>	<b>20/07/21 10:35</b>	<b>20/07/21 10:00</b>	<b>20/07/21 09:00</b>
Natural airway patent?	—	—	—	—	No -GO at 20/07/21 11:42
Airway LDA	—	—	—	—	Endotracheal tube -GO at 20/07/21 11:42
Abnormal airway sounds	—	—	—	—	N/A -GO at 20/07/21 11:42
Any airway obstruction?	—	—	—	—	N/A -GO at 20/07/21 11:42

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

ETT Properties	Placement Date: 18/07/21 -RCA, 19/07/21 01:16 Placement Time: 16:00 -RCA, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RCA, 19/07/21 01:16 Cuffed: Yes -RCA, 19/07/21 01:16 Location: Oral -RCA, 19/07/21 01:16 Grade View: Full view of the glottis -RCA, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RCA, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Secured at (cm)	23 cm -GO at 20/07/21 12:35	—	—	—	23 cm -GO at 20/07/21 11:55
Measured from	Lips -GO at 20/07/21 12:35	—	—	—	Lips -GO at 20/07/21 11:55
Tube Position	Right -GO at 20/07/21 12:35	—	—	—	Right -GO at 20/07/21 11:55
Secured by	AnchorFast -GO at 20/07/21 12:35	—	—	—	AnchorFast -GO at 20/07/21 11:55
Site Condition	Intact -GO at 20/07/21 12:35	—	—	—	Intact -GO at 20/07/21 11:55
Cuff Pressure	30 cm H2O -GO at 20/07/21 12:35	—	—	—	30 cm H2O -GO at 20/07/21 11:55
Cuff leak present	No -GO at 20/07/21 12:35	—	—	—	No -GO at 20/07/21 11:55
Airway Interventions	—	—	—	—	Airway suction -GO at 20/07/21 11:55
Manoeuvres	—	—	—	—	Reposition -GO at 20/07/21 11:55
Suction Type	—	—	—	Endotracheal -GO at 20/07/21 11:39	—
Suction Device	—	—	—	Inline endotracheal catheter -GO at 20/07/21 11:39	—
Secretion Amount	—	—	—	None -GO at 20/07/21 11:39	—
Suction Tolerance	—	—	—	Tolerated well -GO at 20/07/21 11:39	—
Suction Type	—	—	—	Oral -CM at 20/07/21 13:37	—
Suction Device	—	—	—	Yankeur -CM at 20/07/21 13:37	—
Secretion Amount	—	—	—	Small -CM at 20/07/21 13:37	—
Secretion Colour	—	—	—	White -CM at 20/07/21 13:37	—
Secretion Consistency	—	—	—	Thin -CM at 20/07/21 13:37	—
Suction Tolerance	—	—	—	Tolerated well -CM at 20/07/21 13:37	—
Suctioning Adverse Effects	—	—	—	None -CM at 20/07/21 13:37	—
FiO2 (%)	21 % -GO at 20/07/21 12:08	21 % -GO at 20/07/21 11:05	—	—	25 % -GO at 20/07/21 09:20
O2 delivery device	Endotracheal tube -GO at 20/07/21 12:08	Endotracheal tube -GO at 20/07/21 11:05	—	—	Endotracheal tube -GO at 20/07/21 09:20
SpO2	98 % -GO at 20/07/21 12:07	97 % -GO at 20/07/21 11:04	—	—	96 % -GO at 20/07/21 09:17
Resp	18 -GO at 20/07/21 12:08	18 -GO at 20/07/21 11:05	—	—	—
ETCO2 (kPa)	4.5 kPa -GO at 20/07/21 12:07	4.3 kPa -GO at 20/07/21 11:04	—	—	4.9 kPa -GO at 20/07/21 09:17
Device Name	Servo-u -GO at 20/07/21 12:08	Servo-u -GO at 20/07/21 11:05	—	—	Servo-u -GO at 20/07/21 09:20
Vent Mode	Synchronised intermittent mandatory ventilation/pressure control -GO at 20/07/21 12:08	Synchronised intermittent mandatory ventilation/pressure control -GO at 20/07/21 11:05	—	—	Synchronised intermittent mandatory ventilation/pressure control -GO at 20/07/21 09:20
Resp Rate (Set)	18 -GO at 20/07/21 12:08	18 -GO at 20/07/21 11:05	—	—	18 -GO at 20/07/21 09:20
Resp Rate Observed	18 -GO at 20/07/21 12:08	18 -GO at 20/07/21 11:05	—	—	18 -GO at 20/07/21 09:20

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

PEEP achieved (cmH2O)	4.7 cm H2O -GO at 20/07/21 12:07	4.8 cm H2O -GO at 20/07/21 11:04	—	—	4.9 cm H2O -GO at 20/07/21 09:17
PEEP/CPAP set (cmH2O)	5 cmH2O -GO at 20/07/21 12:07	5 cmH2O -GO at 20/07/21 11:04	—	—	5 cmH2O -GO at 20/07/21 09:17
Pressure Support (cm H2O)	10 cm H2O -GO at 20/07/21 12:07	10 cm H2O -GO at 20/07/21 11:04	—	—	10 cm H2O -GO at 20/07/21 09:17
PC Set	12 -GO at 20/07/21 12:07	12 -GO at 20/07/21 11:04	—	—	12 -GO at 20/07/21 09:17
Tidal Volume achieved (ml)	402 mL -GO at 20/07/21 12:07	401.8 mL -GO at 20/07/21 11:04	—	—	336.8 mL -GO at 20/07/21 09:17
Vt ml/kg	7.3 ml/kg -GO at 20/07/21 12:07	7.3 ml/kg -GO at 20/07/21 11:04	—	—	6.1 ml/kg -GO at 20/07/21 09:17
Minute Ventilation (L/min)	7.5 L/min -GO at 20/07/21 12:07	7.2 L/min -GO at 20/07/21 11:04	—	—	6.1 L/min -GO at 20/07/21 09:17
Ppeak (cm H2O)	17 cm H2O -GO at 20/07/21 12:08	17 cm H2O -GO at 20/07/21 11:05	—	—	17 cm H2O -GO at 20/07/21 09:20
Pmean MAP (cmH2O)	8.3 cm H2O -GO at 20/07/21 12:07	8.3 cm H2O -GO at 20/07/21 11:04	—	—	8.2 cm H2O -GO at 20/07/21 09:17
Trigger Sensitivity Flow (L/min)	1.41 L/min -GO at 20/07/21 12:07	1.41 L/min -GO at 20/07/21 11:04	—	—	1.41 L/min -GO at 20/07/21 09:17
HME	—	—	—	—	Yes -GO at 20/07/21 09:20
CO2 Water Trap Checked	—	—	—	—	Yes -GO at 20/07/21 09:20
Source (from Blood Gas - read only)	—	—	Arterial 20/07/21 10:35	—	—
FiO2 (from Blood Gas - read only)	—	—	25 20/07/21 10:35	—	—
pH (from Blood Gas - read only)	—	—	(!) 7.505 20/07/21 10:35	—	—
PCO2 (from Blood Gas - read only)	—	—	(!) 4.28 20/07/21 10:35	—	—
PO2 (from Blood Gas - read only)	—	—	(!) 14.7 20/07/21 10:35	—	—
HCO3- (from Blood Gas - read only)	—	—	26.8 20/07/21 10:35	—	—
Base Excess (from Blood Gas - read only)	—	—	2.2 20/07/21 10:35	—	—
Total Hb (from Blood Gas - read only)	—	—	142 20/07/21 10:35	—	—
SaO2 (from Blood Gas - read only)	—	—	98.4 20/07/21 10:35	—	—
Oxyhaemoglobin (from Blood Gas - read only)	—	—	96.9 20/07/21 10:35	—	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	—	0.5 20/07/21 10:35	—	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	—	1.6 20/07/21 10:35	—	—
Methaemoglobin (from Blood Gas - read only)	—	—	1 20/07/21 10:35	—	—
Haematocrit (from Blood Gas)	—	—	43.5 20/07/21 10:35	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

- read only)					
Sodium (from Blood Gas - read only)	—	—	<b>(!) 157</b> 20/07/21 10:35	—	—
Potassium (from Blood Gas - read only)	—	—	<b>4.1</b> 20/07/21 10:35	—	—
Ionised Calcium (from Blood Gas - read only)	—	—	<b>1.19</b> 20/07/21 10:35	—	—
Chloride (from Blood Gas - read only)	—	—	<b>(!) 125</b> 20/07/21 10:35	—	—
Glucose (from Blood Gas - read only)	—	—	<b>(!) 7.2</b> 20/07/21 10:35	—	—
Lactate (from Blood Gas - read only)	—	—	<b>1.3</b> 20/07/21 10:35	—	—
Oxygen Content (from Blood Gas - read only)	—	—	<b>8.7</b> 20/07/21 10:35	—	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	—	<b>3.14</b> 20/07/21 10:35	—	—
PO2 (from Blood Gas - read only)	—	—	<b>(!) 14.7</b> 20/07/21 10:35	—	—
Ventilated patient?	—	—	—	—	<b>Yes</b> -GO at 20/07/21 11:55
Respiratory Pattern	—	—	—	—	<b>Normal</b> -GO at 20/07/21 11:55
Respiratory Depth/Rhythm	—	—	—	—	<b>Regular</b> -GO at 20/07/21 11:55
Increasing respiratory effort?	—	—	—	—	<b>No</b> -GO at 20/07/21 11:55
Chest Assessment	—	—	—	—	<b>Symmetrical</b> -GO at 20/07/21 11:55
Bilateral Air Entry?	—	—	—	—	<b>Yes</b> -GO at 20/07/21 11:55
Left Upper Auscultation	—	—	—	—	<b>Crackles</b> -GO at 20/07/21 11:55
Left Lower Auscultation	—	—	—	—	<b>Clear</b> -GO at 20/07/21 11:55
Right Upper Auscultation	—	—	—	—	<b>Crackles</b> -GO at 20/07/21 11:55
Right Lower Auscultation	—	—	—	—	<b>Clear</b> -GO at 20/07/21 11:55
Cough (spontaneous/natural cough)	—	—	—	—	<b>None</b> -GO at 20/07/21 11:55
Pulse	<b>103</b> -GO at 20/07/21 12:07	<b>95</b> -GO at 20/07/21 11:04	—	—	<b>83</b> -GO at 20/07/21 09:17
Pulse source	<b>Monitor</b> -GO at 20/07/21 12:08	<b>Monitor</b> -GO at 20/07/21 11:06	—	—	<b>Monitor</b> -GO at 20/07/21 09:20
Cardiac Rhythm	<b>Sinus tachycardia</b> -GO at 20/07/21 12:08	<b>Normal sinus rhythm</b> -GO at 20/07/21 11:06	—	—	<b>Normal sinus rhythm</b> -GO at 20/07/21 09:20
Arterial Line BP	<b>112/59</b> -GO at 20/07/21 12:07	<b>128/67</b> -GO at 20/07/21 11:04	—	<b>127/75</b> -GO at 20/07/21 11:04	<b>89/54</b> -GO at 20/07/21 09:17
Arterial Line MAP (mmHg)	<b>75 mmHg</b> -GO at 20/07/21 12:07	<b>87 mmHg</b> -GO at 20/07/21 11:04	—	<b>93 mmHg</b> -GO at 20/07/21 11:04	<b>67 mmHg</b> -GO at 20/07/21 09:17
Temp	—	<b>37.1 °C (98.8 °F)</b> -GO at 20/07/21 11:41	—	—	<b>35.7 °C (96.3 °F)</b> -GO at 20/07/21 09:20

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Temp src	—	Tympanic -GO at 20/07/21 11:41	—	—	Tympanic -GO at 20/07/21 09:20
Bair Hugger on	—	Yes -GO at 20/07/21 11:41	—	—	Yes -GO at 20/07/21 09:20
Eye Opening	—	—	—	—	None/Not able to obtain (eg eyes closed by swelling) -GO at 20/07/21 09:20
Best Verbal Response	—	—	—	—	None/Not able to obtain (eg ET or tracheostomy tube) -GO at 20/07/21 09:20
Best Motor Response	—	—	—	—	None -GO at 20/07/21 09:20
Glasgow Coma Scale Score	—	—	—	—	3 -GO at 20/07/21 09:20
Level of consciousness	—	—	—	—	(!) Unresponsive -GO at 20/07/21 16:50
Reason Unresponsive	—	—	—	—	Comatose -GO at 20/07/21 16:50
Richmond Agitation Sedation Scale (RASS)	—	—	—	—	Unarousable -GO at 20/07/21 16:50
R Pupil Size (mm)	—	—	—	—	7 -GO at 20/07/21 16:50
R Pupil Reaction	—	—	—	—	Nonreactive -GO at 20/07/21 16:50
R Pupil Shape	—	—	—	—	Round -GO at 20/07/21 16:50
L Pupil Size (mm)	—	—	—	—	7 -GO at 20/07/21 16:50
L Pupil Reaction	—	—	—	—	Nonreactive -GO at 20/07/21 16:50
L Pupil Shape	—	—	—	—	Round -GO at 20/07/21 16:50
Limb Power Assessment	—	—	—	—	Yes -GO at 20/07/21 16:50
Right upper limb power	—	—	—	—	Nil -GO at 20/07/21 16:50
Left upper limb power	—	—	—	—	Nil -GO at 20/07/21 16:50
Right lower limb power	—	—	—	—	Nil -GO at 20/07/21 16:50
Left lower limb power	—	—	—	—	Nil -GO at 20/07/21 16:50
Neuro Symptoms	—	—	—	—	None -GO at 20/07/21 16:50
Feature 3: Altered Level of Consciousness	—	—	—	—	Positive -GO at 20/07/21 16:50
Pain Scale	—	—	—	—	Critical Care Pain Observation Tool -GO at 20/07/21 16:50
Verbal pain scale at rest	—	—	—	—	Nil -GO at 20/07/21 16:50
Verbal pain scale on movement	—	—	—	—	Nil -GO at 20/07/21 16:50
Pain Type	—	—	—	—	Acute pain -GO at 20/07/21 16:50
Pain Location	—	—	—	—	Head -GO at 20/07/21 16:50
Add additional pain details?	—	—	—	—	No -GO at 20/07/21 16:50
Unable to Self-	—	—	—	—	Patient

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Report Pain Reason					unresponsive -GO at 20/07/21 16:50
Nausea or vomiting?	—	—	—	—	None -GO at 20/07/21 16:50
Nausea score	—	—	—	—	Symptom absent -GO at 20/07/21 16:50
Abdomen Inspection	—	—	—	—	Soft;Nondistended -GO at 20/07/21 16:50
Bowel Sounds (All Quadrants)	—	—	—	—	Absent -GO at 20/07/21 16:50
Passing Flatus	—	—	—	—	No -GO at 20/07/21 16:50
Faecal devices	—	—	—	—	None -GO at 20/07/21 16:50
Bowel Opened?	—	—	—	—	No -GO at 20/07/21 16:50
Urinary Incontinence	—	—	—	—	No -GO at 20/07/21 16:50
Urine Colour	—	—	—	—	Yellow/straw -GO at 20/07/21 16:50
Urine Appearance	—	—	—	—	Clear -GO at 20/07/21 16:50
Urine Odour	—	—	—	—	Unable to assess -GO at 20/07/21 16:50
All pressure areas observed	—	—	—	—	Yes -CM at 20/07/21 13:37
Head	—	—	—	—	Intact -CM at 20/07/21 13:37
Left Shoulder	—	—	—	—	Intact -CM at 20/07/21 13:37
Right Shoulder	—	—	—	—	Intact -CM at 20/07/21 13:37
Left Elbow	—	—	—	—	Intact -CM at 20/07/21 13:37
Right Elbow	—	—	—	—	Intact -CM at 20/07/21 13:37
Left Hip	—	—	—	—	Intact -CM at 20/07/21 13:37
Right Hip	—	—	—	—	Intact -CM at 20/07/21 13:37
Left Heel	—	—	—	—	Intact -CM at 20/07/21 13:37
Right Heel	—	—	—	—	Blanching -CM at 20/07/21 13:37
Left Buttock	—	—	—	—	Intact -CM at 20/07/21 13:37
Right Buttock	—	—	—	—	Intact -CM at 20/07/21 13:37
Sacrum	—	—	—	—	Intact -CM at 20/07/21 13:37
Face	—	—	—	—	Yes -CM at 20/07/21 13:37
Right Cheek	—	—	—	—	Intact -CM at 20/07/21 13:37
Left Cheek	—	—	—	—	Intact -CM at 20/07/21 13:37
Right Ear	—	—	—	—	Intact -CM at 20/07/21 13:37
Left Ear	—	—	—	—	Intact -CM at 20/07/21 13:37
Nose	—	—	—	—	Intact -CM at 20/07/21 13:37
Forehead	—	—	—	—	Intact -CM at 20/07/21 13:37
Chin	—	—	—	—	Intact -CM at 20/07/21 13:37
Other	—	—	—	—	Intact -CM at 20/07/21 13:37
Surface	—	—	—	—	Standard Evolution

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Reposition	—	—	—	—	mattress -CM at 20/07/21 13:37 Bed - Tilt Right 30 degrees -CM at 20/07/21 13:37
Positioning Frequency	—	—	—	—	3 hourly -CM at 20/07/21 13:37
Analgesia Required	—	—	—	—	No -CM at 20/07/21 13:37
Patient clean and dry	—	—	—	—	Yes -CM at 20/07/21 13:37
Urinary catheter/BMS patent and draining	—	—	—	—	Not Applicable -CM at 20/07/21 13:37
Soiling	—	—	—	—	Sweat -CM at 20/07/21 13:37
Absorbent incontinence aids in use	—	—	—	—	Yes -CM at 20/07/21 13:37
Skin Protection	—	—	—	—	Barrier Cream;Wipe -CM at 20/07/21 13:37
Diet	—	—	—	—	Within normal limits -CM at 20/07/21 13:37
Nutrition	—	—	—	—	Adequate -CM at 20/07/21 13:37
Diet	—	—	—	—	Enteral -CM at 20/07/21 13:37
SSKIN Interventions	—	—	—	—	On pressure relieving mattress;Barrier creams -CM at 20/07/21 13:37
Bathing	—	—	—	—	Needs assistance x2 -CM at 20/07/21 13:37
Dressing assessment	—	—	—	—	Needs assistance x2 -CM at 20/07/21 13:37
Perianal care	—	—	—	—	Needs assistance -CM at 20/07/21 13:37
Oral care	—	—	—	—	Needs assistance x1 -CM at 20/07/21 13:37
Eye Care	—	—	—	—	Delivered -CM at 20/07/21 13:37
Personal Hygiene Assessment	—	—	—	—	Requires assistance -CM at 20/07/21 13:37
Lid closure assessment	—	—	—	—	Grade 0 - eyelids close well (or patient blinking normally) -CM at 20/07/21 13:37
Eye care actions	—	—	—	—	Cleaned -CM at 20/07/21 13:37
History of Falls	—	—	—	—	None -CM at 20/07/21 13:37
Mobility / Gait / Footwear Risk Factors	—	—	—	—	None -CM at 20/07/21 13:37
Mental State Risk Factors	—	—	—	—	Brain Impairment -CM at 20/07/21 13:37
Medication and BP Risk Factors	—	—	—	—	On 4 or more medications -CM at 20/07/21 13:37

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Vision Risk Factors	—	—	—	—	None -CM at 20/07/21 13:37
Bedside Area Risk Factors	—	—	—	—	Has been assessed for bed rails / trolley rails or ultra low bed -CM at 20/07/21 13:37
Patient fell on ward or in the hospital	—	—	—	—	No (please comment) -CM at 20/07/21 13:37
Falls Prevention Aids	—	—	—	—	Bed rails;Ultra low bed -CM at 20/07/21 13:37
Patient physically and cognitively able to use the call bell?	—	—	—	—	No - requires 2 hourly contact -CM at 20/07/21 13:37
Are environmental measures required to reduce the risk of falls?	—	—	—	—	Bed lowest height possible -CM at 20/07/21 13:37
Does the patient require bed or trolley rails?	—	—	—	—	Both sides -CM at 20/07/21 13:37
Turning Patient in Bed - Help Needed?	—	—	—	—	Yes -CM at 20/07/21 13:37
Number of Staff Required?	—	—	—	—	3 -CM at 20/07/21 13:37
Equipment Needed & Further Information	—	—	—	—	Sliding sheet -CM at 20/07/21 13:37
Moving Patient Up and Down the Bed - Help Needed?	—	—	—	—	Yes -CM at 20/07/21 13:37
Number of Staff Required?	—	—	—	—	3 -CM at 20/07/21 13:37
Equipment Needed & Further Information	—	—	—	—	sliding sheet -CM at 20/07/21 13:37
Patient Lying to Sitting in Bed - Help Needed?	—	—	—	—	Yes -CM at 20/07/21 13:37
Patient Lying to Sitting in Bed - No. of Staff Required	—	—	—	—	3 -CM at 20/07/21 13:37
Equipment Needed & Further Information	—	—	—	—	sliding sheet -CM at 20/07/21 13:37
Patient Bed to Chair/Commode Transfers	—	—	—	—	— -CM at 20/07/21 13:37
Patient Re-Positioning in Chair	—	—	—	—	— -CM at 20/07/21 13:37
Patient Sit to Stand Transfers	—	—	—	—	— -CM at 20/07/21 13:37

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Patient Walking - General Mobility Out of Bed	—	—	—	—	—	-CM at 20/07/21 13:37
Patient Showering & Bathing - Help Needed?	—	—	—	—	—	<b>Yes</b> -CM at 20/07/21 13:37
Patient Showering & Bathing- No. of Staff Required	—	—	—	—	—	<b>3</b> -CM at 20/07/21 13:37
Equipment Needed & Further Information	—	—	—	—	—	<b>sliding sheet</b> -CM at 20/07/21 13:37
Additional Help with Patient	—	—	—	—	—	<b>Yes</b> -CM at 20/07/21 13:37
Additional Help with Patient - No. of Staff Required	—	—	—	—	—	<b>3</b> -CM at 20/07/21 13:37
Equipment Needed & Further Information	—	—	—	—	—	<b>sliding sheet</b> -CM at 20/07/21 13:37
Risk Level	—	—	—	—	—	<b>(!) High</b> -CM at 20/07/21 13:37
Is the Patient Frail or have Complex Needs	—	—	—	—	—	<b>Complex Needs Patient</b> -CM at 20/07/21 13:37
Damp dusting	—	—	—	—	—	<b>Yes</b> -CM at 20/07/21 13:23
Disposable equipment in date	—	—	—	—	—	<b>Yes</b> -CM at 20/07/21 13:23
Spare oral airways	—	—	—	—	—	<b>Yes</b> -CM at 20/07/21 13:23
Oxygen and suction working	—	—	—	—	—	<b>Yes</b> -CM at 20/07/21 13:23
Rebreath and Ambu bag available	—	—	—	—	—	<b>Yes</b> -CM at 20/07/21 13:23
Visor/Goggles at bedside	—	—	—	—	—	<b>Yes</b> -CM at 20/07/21 13:23
Spare oxygen cylinder	—	—	—	—	—	<b>Yes</b> -CM at 20/07/21 13:23
Spare trachy inner tubes/dilator	—	—	—	—	—	<b>N/A</b> -CM at 20/07/21 13:23
Suction equipment available	—	—	—	—	—	<b>Yes</b> -CM at 20/07/21 13:23
Monitor alarms appropriate	—	—	—	—	—	<b>Yes</b> -CM at 20/07/21 13:23
Ventilator alarms appropriate	—	—	—	—	—	<b>Yes</b> -CM at 20/07/21 13:23
Transducer	—	—	—	—	—	<b>Transducer/s re-zeroed</b> -CM at 20/07/21 13:23
Medications/MAR	—	—	—	—	—	<b>Allergies checked and documented; Giving sets/lines in date</b> -CM at 20/07/21 13:23
Nutrition status assessed?	—	—	—	—	—	<b>Yes - appropriate nutrition plan in</b>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Row Name	20/07/21 08:01	20/07/21 08:00	20/07/21 07:58	20/07/21 07:00	20/07/21 06:00
Resus status up to date	—	—	—	—	place -CM at 20/07/21 13:23 Yes -CM at 20/07/21 13:23
Name band in situ	—	—	—	—	Yes -CM at 20/07/21 13:23
NOK details correct	—	—	—	—	Yes -CM at 20/07/21 13:23
Property Bk No	—	—	—	—	38755 -CM at 20/07/21 13:23
IV Properties	Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Left -ADA, 18/07/21 04:40 Location: Antecubital -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -ADA, 18/07/21 04:40 Name of dressing applied: Semipermeable dressing -ADA, 18/07/21 04:40 Removal Date: 21/07/21 -ZS, 21/07/21 13:15 Removal Time: 13:15 -ZS, 21/07/21 13:15				
ETT Properties	Placement Date: 18/07/21 -RCA, 19/07/21 01:16 Placement Time: 16:00 -RCA, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RCA, 19/07/21 01:16 Cuffed: Yes -RCA, 19/07/21 01:16 Location: Oral -RCA, 19/07/21 01:16 Grade View: Full view of the glottis -RCA, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RCA, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
FiO2 (%)	—	25 % -HN at 20/07/21 08:07	—	25 % -HN at 20/07/21 08:07	25 % -HN at 20/07/21 06:10
O2 delivery device	—	—	—	—	Endotracheal tube -HN at 20/07/21 06:10
SpO2	—	94 % -HN at 20/07/21 08:07	—	97 % -HN at 20/07/21 08:07	96 % -HN at 20/07/21 06:10
Resp	—	18 -HN at 20/07/21 08:07	—	20 -HN at 20/07/21 08:07	20 -HN at 20/07/21 06:10
ETCO2 (kPa)	—	4.7 kPa -HN at 20/07/21 08:07	—	4.6 kPa -HN at 20/07/21 08:07	4.8 kPa -HN at 20/07/21 06:10
Resp Rate (Set)	—	18 -HN at 20/07/21 08:07	—	20 -HN at 20/07/21 08:07	20 -HN at 20/07/21 06:10
Resp Rate Observed	—	18 -HN at 20/07/21 08:07	—	20 -HN at 20/07/21 08:07	20 -HN at 20/07/21 06:10
PEEP achieved (cmH2O)	—	4.9 cm H2O -HN at 20/07/21 08:07	—	4.9 cm H2O -HN at 20/07/21 08:07	5 cm H2O -HN at 20/07/21 06:10
PEEP/CPAP set (cmH2O)	—	5 cmH2O -HN at 20/07/21 08:07	—	5 cmH2O -HN at 20/07/21 08:07	5 cmH2O -HN at 20/07/21 06:10
Pressure Support (cm H2O)	—	10 cm H2O -HN at 20/07/21 08:07	—	10 cm H2O -HN at 20/07/21 08:07	10 cm H2O -HN at 20/07/21 06:10
PC Set	—	12 -HN at 20/07/21 08:07	—	12 -HN at 20/07/21 08:07	12 -HN at 20/07/21 06:10
Tidal Volume achieved (ml)	—	339.6 mL -HN at 20/07/21 08:07	—	330.2 mL -HN at 20/07/21 08:07	350.6 mL -HN at 20/07/21 06:10
Vt ml/kg	—	6.2 ml/kg -HN at 20/07/21 08:07	—	6 ml/kg -HN at 20/07/21 08:07	6.4 ml/kg -HN at 20/07/21 06:10
Minute Ventilation (L/min)	—	6.1 L/min -HN at 20/07/21 08:07	—	6.8 L/min -HN at 20/07/21 08:07	6.9 L/min -HN at 20/07/21 06:10
Ppeak (cm H2O)	—	17 cm H2O -HN at 20/07/21 08:07	—	17 cm H2O -HN at 20/07/21 08:07	17 cm H2O -HN at 20/07/21 06:14
Pmean MAP (cmH2O)	—	8.3 cm H2O -HN at 20/07/21 08:07	—	8.6 cm H2O -HN at 20/07/21 08:07	8.7 cm H2O -HN at 20/07/21 06:10
Trigger Sensitivity Flow (L/min)	—	1.41 L/min -HN at 20/07/21 08:07	—	1.41 L/min -HN at 20/07/21 08:07	1.41 L/min -HN at 20/07/21 06:10
HME	—	Yes -HN at 20/07/21 08:07	—	—	Yes -HN at 20/07/21 06:10
CO2 Water Trap Checked	—	Yes -HN at 20/07/21 08:07	—	—	Yes -HN at 20/07/21 06:10
Source (from Blood Gas - read only)	—	—	Arterial 20/07/21 07:58	—	—
FiO2 (from Blood Gas - read only)	—	—	25 20/07/21 07:58	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

pH (from Blood Gas - read only)	—	—	<b>(!) 7.481</b> 20/07/21 07:58	—	—
PCO2 (from Blood Gas - read only)	—	—	<b>(!) 4.45</b> 20/07/21 07:58	—	—
PO2 (from Blood Gas - read only)	—	—	<b>(!) 20.4</b> 20/07/21 07:58	—	—
HCO3- (from Blood Gas - read only)	—	—	<b>26</b> 20/07/21 07:58	—	—
Base Excess (from Blood Gas - read only)	—	—	<b>1.4</b> 20/07/21 07:58	—	—
Total Hb (from Blood Gas - read only)	—	—	<b>131</b> 20/07/21 07:58	—	—
SaO2 (from Blood Gas - read only)	—	—	<b>(!) 99.1</b> 20/07/21 07:58	—	—
Oxyhaemoglobin (from Blood Gas - read only)	—	—	<b>97.8</b> 20/07/21 07:58	—	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	—	<b>0.5</b> 20/07/21 07:58	—	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	—	<b>(!) 0.9</b> 20/07/21 07:58	—	—
Methaemoglobin (from Blood Gas - read only)	—	—	<b>0.8</b> 20/07/21 07:58	—	—
Haematocrit (from Blood Gas - read only)	—	—	<b>40</b> 20/07/21 07:58	—	—
Sodium (from Blood Gas - read only)	—	—	<b>(!) 158</b> 20/07/21 07:58	—	—
Potassium (from Blood Gas - read only)	—	—	<b>3.7</b> 20/07/21 07:58	—	—
Ionised Calcium (from Blood Gas - read only)	—	—	<b>1.12</b> 20/07/21 07:58	—	—
Chloride (from Blood Gas - read only)	—	—	<b>(!) 128</b> 20/07/21 07:58	—	—
Glucose (from Blood Gas - read only)	—	—	<b>(!) 7.4</b> 20/07/21 07:58	—	—
Lactate (from Blood Gas - read only)	—	—	<b>1.2</b> 20/07/21 07:58	—	—
Oxygen Content (from Blood Gas - read only)	—	—	<b>8.1</b> 20/07/21 07:58	—	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	—	<b>3.22</b> 20/07/21 07:58	—	—
PO2 (from Blood Gas - read only)	—	—	<b>(!) 20.4</b> 20/07/21 07:58	—	—
Pulse	—	<b>83</b> -HN at 20/07/21 08:07	—	<b>92</b> -HN at 20/07/21 08:07	<b>97</b> -HN at 20/07/21 06:10
Pulse source	—	<b>Monitor</b> -HN at 20/07/21 08:07	—	<b>Monitor</b> -HN at 20/07/21 08:07	<b>Monitor</b> -HN at 20/07/21 06:10

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Cardiac Rhythm	—	Normal sinus rhythm -HN at 20/07/21 08:07	—	Normal sinus rhythm -HN at 20/07/21 08:07	Normal sinus rhythm -HN at 20/07/21 06:10
Arterial Line BP	—	100/58 -HN at 20/07/21 08:07	—	99/58 -HN at 20/07/21 08:07	96/55 -HN at 20/07/21 06:10
Arterial Line MAP (mmHg)	—	72 mmHg -HN at 20/07/21 08:07	—	70 mmHg -HN at 20/07/21 08:07	67 mmHg -HN at 20/07/21 06:10
Temp	—	—	—	—	36 °C (96.8 °F) -HN at 20/07/21 06:10
Temp src	—	—	—	—	Tympanic -HN at 20/07/21 06:10
Bair Hugger on	—	Yes -HN at 20/07/21 08:07	—	—	Yes -HN at 20/07/21 06:11
Richmond Agitation Sedation Scale (RASS)	—	Unarousable -HN at 20/07/21 08:07	—	—	Unarousable -HN at 20/07/21 08:07
Feature 3: Altered Level of Consciousness	—	Positive -HN at 20/07/21 08:07	—	—	Positive -HN at 20/07/21 08:07
All pressure areas observed	Yes -HN at 20/07/21 08:11	—	—	—	—
Head	Intact -HN at 20/07/21 08:11	—	—	—	—
Left Shoulder	Intact -HN at 20/07/21 08:11	—	—	—	—
Right Shoulder	Intact -HN at 20/07/21 08:11	—	—	—	—
Left Elbow	Intact -HN at 20/07/21 08:11	—	—	—	—
Right Elbow	Intact -HN at 20/07/21 08:11	—	—	—	—
Left Hip	Intact -HN at 20/07/21 08:11	—	—	—	—
Right Hip	Intact -HN at 20/07/21 08:11	—	—	—	—
Left Heel	Intact -HN at 20/07/21 08:11	—	—	—	—
Right Heel	Blanching -HN at 20/07/21 08:11	—	—	—	—
Left Buttock	Intact -HN at 20/07/21 08:11	—	—	—	—
Right Buttock	Intact -HN at 20/07/21 08:11	—	—	—	—
Sacrum	Intact -HN at 20/07/21 08:11	—	—	—	—
Face	Yes -HN at 20/07/21 08:11	—	—	—	—
Right Cheek	Intact -HN at 20/07/21 08:11	—	—	—	—
Left Cheek	Intact -HN at 20/07/21 08:11	—	—	—	—
Right Ear	Intact -HN at 20/07/21 08:11	—	—	—	—
Left Ear	Intact -HN at 20/07/21 08:11	—	—	—	—
Nose	Intact -HN at 20/07/21 08:11	—	—	—	—
Forehead	Intact -HN at 20/07/21 08:11	—	—	—	—
Chin	Intact -HN at 20/07/21 08:11	—	—	—	—
Surface	Standard Evolution mattress -HN at 20/07/21 08:11	—	—	—	—
Reposition	—	—	—	Bed - Tilt Left 60 degrees -HN at 20/07/21 08:07	—
Positioning Frequency	—	—	—	4 hourly -HN at 20/07/21 08:07	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Analgesia Required	—	—	—	No -HN at 20/07/21 08:07	—
Patient clean and dry	—	—	—	Yes -HN at 20/07/21 08:07	—
Urinary catheter/BMS patent and draining	—	—	—	Yes -HN at 20/07/21 08:07	—
Absorbent incontinence aids in use	—	—	—	Yes -HN at 20/07/21 08:07	—
SSKIN Interventions	—	—	—	Heels elevated with pillows -HN at 20/07/21 08:11	—
IV Properties	Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Left -ADA, 18/07/21 04:40 Location: Antecubital -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -ADA, 18/07/21 04:40 Name of dressing applied: Semipermeable dressing -ADA, 18/07/21 04:40 Removal Date: 21/07/21 -ZS, 21/07/21 13:15 Removal Time: 13:15 -ZS, 21/07/21 13:15				
<b>Row Name</b>	<b>20/07/21 05:00</b>	<b>20/07/21 04:57</b>	<b>20/07/21 04:00</b>	<b>20/07/21 03:00</b>	<b>20/07/21 02:56</b>
Natural airway patent?	No -HN at 20/07/21 05:04	—	—	—	—
Airway LDA	Endotracheal tube -HN at 20/07/21 05:04	—	—	—	—
Abnormal airway sounds	N/A -HN at 20/07/21 05:04	—	—	—	—
Any airway obstruction?	N/A -HN at 20/07/21 05:04	—	—	—	—
ETT Properties	Placement Date: 18/07/21 -RCA, 19/07/21 01:16 Placement Time: 16:00 -RCA, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RCA, 19/07/21 01:16 Cuffed: Yes -RCA, 19/07/21 01:16 Location: Oral -RCA, 19/07/21 01:16 Grade View: Full view of the glottis -RCA, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RCA, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Secured at (cm)	23 cm -HN at 20/07/21 05:04	—	—	—	—
Measured from	Lips -HN at 20/07/21 05:04	—	—	—	—
Tube Position	Centre -HN at 20/07/21 05:04	—	—	—	—
Secured by	AnchorFast -HN at 20/07/21 05:04	—	—	—	—
Site Condition	Intact -HN at 20/07/21 05:04	—	—	—	—
Cuff Pressure	30 cm H2O -HN at 20/07/21 05:04	—	—	—	—
Cuff leak present	No -HN at 20/07/21 05:04	—	—	—	—
Airway Interventions	Airway suction -HN at 20/07/21 05:04	—	—	—	—
Manoeuvres	Reposition -HN at 20/07/21 05:04	—	—	—	—
Suction Type	Endotracheal -HN at 20/07/21 05:04	—	—	—	—
Suction Device	Inline endotracheal catheter -HN at 20/07/21 05:04	—	—	—	—
Secretion Amount	None -HN at 20/07/21 05:04	—	—	—	—
FiO2 (%)	25 % -HN at 20/07/21 05:01	—	25 % -EMA at 20/07/21 04:07	25 % -HN at 20/07/21 03:06	—
O2 delivery device	Endotracheal tube -HN at 20/07/21 05:01	—	Endotracheal tube -EMA at 20/07/21 04:07	Endotracheal tube -HN at 20/07/21 03:06	—
SpO2	97 % -HN at 20/07/21 05:02	—	96 % -EMA at 20/07/21 04:05	96 % -HN at 20/07/21 03:02	—
Resp	20 -HN at 20/07/21 05:01	—	20 -EMA at 20/07/21 04:07	20 -HN at 20/07/21 03:06	—
ETCO2 (kPa)	4.8 kPa -HN at 20/07/21 05:02	—	4.9 kPa -EMA at 20/07/21 04:05	5.2 kPa -HN at 20/07/21 03:02	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Vent Mode	—	—	Synchronised intermittent mandatory ventilation/pressure control -EMA at 20/07/21 04:07	Synchronised intermittent mandatory ventilation/pressure control -HN at 20/07/21 03:06	—
Resp Rate (Set)	20 -HN at 20/07/21 05:01	—	20 -EMA at 20/07/21 04:07	20 -HN at 20/07/21 03:06	—
Resp Rate Observed	20 -HN at 20/07/21 05:01	—	20 -EMA at 20/07/21 04:07	20 -HN at 20/07/21 03:06	—
PEEP achieved (cmH2O)	4.9 cm H2O -HN at 20/07/21 05:02	—	4.9 cm H2O -EMA at 20/07/21 04:05	5 cm H2O -HN at 20/07/21 03:02	—
PEEP/CPAP set (cmH2O)	5 cmH2O -HN at 20/07/21 05:02	—	5 cmH2O -EMA at 20/07/21 04:05	5 cmH2O -HN at 20/07/21 03:02	—
Achieved PEEP - Set PEEP (difference)	—	—	-0.1 cmH2O -EMA at 20/07/21 04:07	0 cmH2O -HN at 20/07/21 03:06	—
Pressure Support (cm H2O)	10 cm H2O -HN at 20/07/21 05:02	—	10 cm H2O -EMA at 20/07/21 04:05	10 cm H2O -HN at 20/07/21 03:02	—
PC Set	12 -HN at 20/07/21 05:02	—	12 -EMA at 20/07/21 04:05	12 -HN at 20/07/21 03:02	—
Tidal Volume achieved (ml)	330.8 mL -HN at 20/07/21 05:02	—	338.6 mL -EMA at 20/07/21 04:05	337.2 mL -HN at 20/07/21 03:02	—
Vt ml/kg	6 ml/kg -HN at 20/07/21 05:02	—	6.2 ml/kg -EMA at 20/07/21 04:05	6.1 ml/kg -HN at 20/07/21 03:02	—
Minute Ventilation (L/min)	6.8 L/min -HN at 20/07/21 05:02	—	6.7 L/min -EMA at 20/07/21 04:05	6.8 L/min -HN at 20/07/21 03:02	—
I:E Ratio	—	—	1:2 -EMA at 20/07/21 04:07	1:2 -HN at 20/07/21 03:06	—
Ppeak (cm H2O)	17 cm H2O -HN at 20/07/21 06:14	—	17 cm H2O -EMA at 20/07/21 04:07	17 cm H2O -HN at 20/07/21 03:06	—
Pmean MAP (cmH2O)	8.6 cm H2O -HN at 20/07/21 05:02	—	8.6 cm H2O -EMA at 20/07/21 04:05	8.7 cm H2O -HN at 20/07/21 03:02	—
Trigger Sensitivity Flow (L/min)	1.41 L/min -HN at 20/07/21 05:02	—	1.41 L/min -EMA at 20/07/21 04:05	1.41 L/min -HN at 20/07/21 03:02	—
Vt/10	—	—	33.9 -EMA at 20/07/21 04:07	33.7 -HN at 20/07/21 03:06	—
HME	Yes -HN at 20/07/21 05:01	—	—	Yes -HN at 20/07/21 03:06	—
CO2 Water Trap Checked	Yes -HN at 20/07/21 05:01	—	—	Yes -HN at 20/07/21 03:06	—
Source (from Blood Gas - read only)	—	Arterial 20/07/21 04:57	—	—	—
FiO2 (from Blood Gas - read only)	—	25 20/07/21 04:57	—	—	—
pH (from Blood Gas - read only)	—	(!) 7.472 20/07/21 04:57	—	—	—
PCO2 (from Blood Gas - read only)	—	4.82 20/07/21 04:57	—	—	—
PO2 (from Blood Gas - read only)	—	(!) 14.9 20/07/21 04:57	—	—	—
HCO3- (from Blood Gas - read only)	—	27 20/07/21 04:57	—	—	—
Base Excess (from Blood Gas - read only)	—	2.8 20/07/21 04:57	—	—	—
Total Hb (from Blood Gas - read only)	—	136 20/07/21 04:57	—	—	—
SaO2 (from	—	98.6	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Blood Gas - read only)		20/07/21 04:57			
Oxyhaemoglobin (from Blood Gas - read only)	—	<b>97</b> 20/07/21 04:57	—	—	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	<b>0.6</b> 20/07/21 04:57	—	—	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	<b>1.4</b> 20/07/21 04:57	—	—	—
Methaemoglobin (from Blood Gas - read only)	—	<b>1</b> 20/07/21 04:57	—	—	—
Haematocrit (from Blood Gas - read only)	—	<b>41.7</b> 20/07/21 04:57	—	—	—
Sodium (from Blood Gas - read only)	—	<b>(!) 161</b> 20/07/21 04:57	—	—	—
Potassium (from Blood Gas - read only)	—	<b>3.7</b> 20/07/21 04:57	—	—	—
Ionised Calcium (from Blood Gas - read only)	—	<b>1.18</b> 20/07/21 04:57	—	—	—
Chloride (from Blood Gas - read only)	—	<b>(!) 128</b> 20/07/21 04:57	—	—	—
Glucose (from Blood Gas - read only)	—	<b>(!) 7.7</b> 20/07/21 04:57	—	—	—
Lactate (from Blood Gas - read only)	—	<b>1.2</b> 20/07/21 04:57	—	—	—
Oxygen Content (from Blood Gas - read only)	—	<b>8.3</b> 20/07/21 04:57	—	—	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	<b>3.26</b> 20/07/21 04:57	—	—	—
PO2 (from Blood Gas - read only)	—	<b>(!) 14.9</b> 20/07/21 04:57	—	—	—
Ventilated patient?	<b>Yes</b> -HN at 20/07/21 05:04	—	—	—	—
Respiratory Pattern	<b>Normal</b> -HN at 20/07/21 05:04	—	—	—	—
Respiratory Depth/Rhythm	<b>Regular</b> -HN at 20/07/21 05:04	—	—	—	—
Increasing respiratory effort?	<b>No</b> -HN at 20/07/21 05:04	—	—	—	—
Chest Assessment	<b>Symmetrical;Chest expansion symmetrical;Trachea midline</b> -HN at 20/07/21 05:04	—	—	—	—
Bilateral Air Entry?	<b>Yes</b> -HN at 20/07/21 05:04	—	—	—	—
Pulse	<b>100</b> -HN at 20/07/21 05:02	—	<b>104</b> -EMA at 20/07/21 04:05	<b>105</b> -HN at 20/07/21 03:05	<b>106</b> -HN at 20/07/21 03:05
Pulse source	<b>Monitor</b> -HN at 20/07/21 05:01	—	<b>Monitor</b> -EMA at 20/07/21 04:07	<b>Monitor</b> -HN at 20/07/21 03:06	—
Cardiac Rhythm	<b>Sinus tachycardia</b>	—	<b>Sinus tachycardia</b>	<b>Sinus tachycardia</b>	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Arterial Line BP	-HN at 20/07/21 05:01 <b>89/51</b>	—	-EMA at 20/07/21 04:07 <b>110/67</b>	-HN at 20/07/21 03:06 <b>107/63</b>	<b>88/48</b>
Arterial Line MAP (mmHg)	-HN at 20/07/21 05:02 <b>63 mmHg</b>	—	-EMA at 20/07/21 04:05 <b>80 mmHg</b>	-HN at 20/07/21 03:05 <b>75 mmHg</b>	-HN at 20/07/21 03:05 <b>60 mmHg</b>
Temp	—	—	<b>36.2 °C (97.2 °F)</b>	—	—
Temp src	—	—	-EMA at 20/07/21 04:07 <b>Tympanic</b>	—	—
Skin Colour	<b>Appropriate for ethnicity</b>	—	—	—	—
Skin Condition/Temp	-HN at 20/07/21 05:04 <b>Warm</b>	—	—	—	—
Cyanosis	-HN at 20/07/21 05:04 <b>None</b>	—	—	—	—
Capillary Refill - Peripheral	-HN at 20/07/21 05:04 <b>Less than/equal to 3 seconds</b>	—	—	—	—
Capillary Refill - Central	-HN at 20/07/21 05:04 <b>Less than/equal to 3 seconds</b>	—	—	—	—
Oedema	-HN at 20/07/21 05:04 <b>None</b>	—	—	—	—
Eye Opening	-HN at 20/07/21 05:27 <b>None/Not able to obtain (eg eyes closed by swelling)</b>	—	—	—	—
Best Verbal Response	-HN at 20/07/21 05:27 <b>None/Not able to obtain (eg ET or tracheostomy tube)</b>	—	—	—	—
Best Motor Response	-HN at 20/07/21 05:27 <b>None</b>	—	—	—	—
Glasgow Coma Scale Score	-HN at 20/07/21 05:27 <b>3</b>	—	—	—	—
Level of consciousness	-HN at 20/07/21 05:27 <b>(!) Unresponsive</b>	—	—	—	—
Reason Unresponsive	-HN at 20/07/21 05:27 <b>Comatose</b>	—	—	—	—
Richmond Agitation Sedation Scale (RASS)	-HN at 20/07/21 05:01 <b>Unarousable</b>	—	-EMA at 20/07/21 04:07 <b>Unarousable</b>	-HN at 20/07/21 03:06 <b>Unarousable</b>	—
R Pupil Size (mm)	-HN at 20/07/21 05:27 <b>8</b>	—	—	—	—
R Pupil Reaction	-HN at 20/07/21 05:27 <b>Nonreactive</b>	—	—	—	—
R Pupil Shape	-HN at 20/07/21 05:27 <b>Round</b>	—	—	—	—
L Pupil Size (mm)	-HN at 20/07/21 05:27 <b>8</b>	—	—	—	—
L Pupil Reaction	-HN at 20/07/21 05:27 <b>Nonreactive</b>	—	—	—	—
L Pupil Shape	-HN at 20/07/21 05:27 <b>Round</b>	—	—	—	—
Limb Power Assessment	-HN at 20/07/21 05:27 <b>Yes</b>	—	—	—	—
Right upper limb power	-HN at 20/07/21 05:27 <b>Nil</b>	—	—	—	—
Left upper limb power	-HN at 20/07/21 05:27 <b>Nil</b>	—	—	—	—
Right lower limb power	-HN at 20/07/21 05:27 <b>Nil</b>	—	—	—	—
Left lower limb power	-HN at 20/07/21 05:27 <b>Nil</b>	—	—	—	—
Neuro	<b>None</b>	—	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Symptoms	-HN at 20/07/21 05:27				
Continuous EEG	No -HN at 20/07/21 05:27	—	—	—	—
Feature 3: Altered Level of Consciousness	Positive -HN at 20/07/21 05:01	—	Positive -EMA at 20/07/21 04:07	Positive -HN at 20/07/21 03:06	—
Pain Scale	Critical Care Pain Observation Tool -HN at 20/07/21 05:27	—	—	—	—
Verbal pain scale at rest	Nil -HN at 20/07/21 05:27	—	—	—	—
Verbal pain scale on movement	Nil -HN at 20/07/21 05:27	—	—	—	—
Nausea or vomiting?	None -HN at 20/07/21 05:27	—	—	—	—
Nausea score	Symptom absent -HN at 20/07/21 05:27	—	—	—	—
Vocalisation	Absent -HN at 20/07/21 05:27	—	—	—	—
Facial expression	Absent -HN at 20/07/21 05:27	—	—	—	—
Changes in body language	Absent -HN at 20/07/21 05:27	—	—	—	—
Behavioural change	Absent -HN at 20/07/21 05:27	—	—	—	—
Physiological change	Absent -HN at 20/07/21 05:27	—	—	—	—
Physical change	Absent -HN at 20/07/21 05:27	—	—	—	—
ABBEY PAIN SCORE	0 -HN at 20/07/21 05:27	—	—	—	—
Facial Expression	Relaxed -HN at 20/07/21 05:32	—	—	—	—
Upper Limbs	No movement -HN at 20/07/21 05:32	—	—	—	—
Compliance with Ventilation	Tolerating movement -HN at 20/07/21 05:32	—	—	—	—
Behavioural Pain Scale Total Score	3 -HN at 20/07/21 05:32	—	—	—	—
Facial Expression	Relaxed, neutral -HN at 20/07/21 05:32	—	—	—	—
Body Movements	Absence of movements or normal position -HN at 20/07/21 05:32	—	—	—	—
Compliance with the Ventilator (Intubated Patients)	Tolerating ventilator or movement -HN at 20/07/21 05:32	—	—	—	—
Vocalization (Extubated Patients)	Talking in normal tone or no sound -HN at 20/07/21 05:32	—	—	—	—
Muscle Tension	Relaxed -HN at 20/07/21 05:32	—	—	—	—
Critical-Care Pain Observation Score	0 -HN at 20/07/21 05:32	—	—	—	—
Communication Needs	None -HN at 20/07/21 05:32	—	—	—	—
Abdomen Inspection	Soft;Nondistended -HN at 20/07/21 05:32	—	—	—	—
Bowel Sounds	Absent	—	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

(All Quadrants)	-HN at 20/07/21 05:32				
Passing Flatus	No -HN at 20/07/21 05:32	—	—	—	—
Faecal devices	None -HN at 20/07/21 05:32	—	—	—	—
Bowel Opened?	No -HN at 20/07/21 05:32	—	—	—	—
VAC Dressing/Complex Dressing	No -HN at 20/07/21 05:32	—	—	—	—
SEM Scanner Readings	No -HN at 20/07/21 05:32	—	—	—	—
Surface	Standard Evolution mattress -HN at 20/07/21 05:32	—	—	—	—
Reposition	Bed - Upright > 40 degrees -HN at 20/07/21 08:07	—	—	—	—
Positioning Frequency	4 hourly -HN at 20/07/21 08:07	—	—	—	—
Analgesia Required	No -HN at 20/07/21 08:07	—	—	—	—
Patient clean and dry	Yes -HN at 20/07/21 05:32	—	—	—	—
Urinary catheter/BMS patent and draining	Yes -HN at 20/07/21 05:32	—	—	—	—
Absorbent incontinence aids in use	Yes -HN at 20/07/21 05:32	—	—	—	—
Diet	Outside normal limits -HN at 20/07/21 05:32	—	—	—	—
Nutrition	Very poor -HN at 20/07/21 05:32	—	—	—	—
Diet	Enteral -HN at 20/07/21 05:32	—	—	—	—
SSKIN Interventions	Heels elevated with pillows -HN at 20/07/21 08:11	—	—	—	—
IV Properties	Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Left -ADA, 18/07/21 04:40 Location: Antecubital -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -ADA, 18/07/21 04:40 Name of dressing applied: Semipermeable dressing -ADA, 18/07/21 04:40 Removal Date: 21/07/21 -ZS, 21/07/21 13:15 Removal Time: 13:15 -ZS, 21/07/21 13:15				
<b>Row Name</b>	<b>20/07/21 02:00</b>	<b>20/07/21 01:52</b>	<b>20/07/21 01:00</b>	<b>20/07/21 00:00</b>	
Natural airway patent?	—	—	No -HN at 20/07/21 01:05	—	
Airway LDA	—	—	Endotracheal tube -HN at 20/07/21 01:05	—	
Abnormal airway sounds	—	—	N/A -HN at 20/07/21 01:05	—	
Any airway obstruction?	—	—	N/A -HN at 20/07/21 01:05	—	
ETT Properties	Placement Date: 18/07/21 -RCA, 19/07/21 01:16 Placement Time: 16:00 -RCA, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RCA, 19/07/21 01:16 Cuffed: Yes -RCA, 19/07/21 01:16 Location: Oral -RCA, 19/07/21 01:16 Grade View: Full view of the glottis -RCA, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RCA, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Secured at (cm)	—	—	23 cm -HN at 20/07/21 01:05	—	
Measured from	—	—	Lips -HN at 20/07/21 01:05	—	
Tube Position	—	—	Centre -HN at 20/07/21 01:05	—	
Secured by	—	—	AnchorFast -HN at 20/07/21 01:05	—	

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Site Condition	—	—	Intact	—
			-HN at 20/07/21 01:05	
Cuff Pressure	—	—	30 cm H2O	—
			-HN at 20/07/21 01:05	
Cuff leak present	—	—	No	—
			-HN at 20/07/21 01:05	
Airway Interventions	—	—	Airway suction	—
			-HN at 20/07/21 01:05	
Manoeuvres	—	—	Reposition	—
			-HN at 20/07/21 01:05	
Suction Type	—	—	Endotracheal	—
			-HN at 20/07/21 01:05	
Suction Device	—	—	Inline endotracheal catheter	—
			-HN at 20/07/21 01:05	
Secretion Amount	—	—	None	—
			-HN at 20/07/21 01:05	
Suction Type	—	—	Oral	—
			-HN at 20/07/21 01:05	
Suction Device	—	—	Yankeur	—
			-HN at 20/07/21 01:05	
Secretion Amount	—	—	Small	—
			-HN at 20/07/21 01:05	
Secretion Colour	—	—	Clear	—
			-HN at 20/07/21 01:05	
Secretion Consistency	—	—	Thin	—
			-HN at 20/07/21 01:05	
Suction Tolerance	—	—	Tolerated well	—
			-HN at 20/07/21 01:05	
Suctioning Adverse Effects	—	—	None	—
			-HN at 20/07/21 01:05	
FiO2 (%)	25 %	—	25 %	25 %
	-HN at 20/07/21 02:06		-HN at 20/07/21 01:01	-HN at 20/07/21 00:06
O2 delivery device	Endotracheal tube	—	Endotracheal tube	Endotracheal tube
	-HN at 20/07/21 02:06		-HN at 20/07/21 01:01	-HN at 20/07/21 00:06
SpO2	97 %	—	96 %	94 %
	-HN at 20/07/21 02:06		-HN at 20/07/21 01:01	-HN at 20/07/21 00:06
Resp	20	—	20	20
	-HN at 20/07/21 02:06		-HN at 20/07/21 01:01	-HN at 20/07/21 00:06
ETCO2 (kPa)	5.3 kPa	—	5.3 kPa	5.7 kPa
	-HN at 20/07/21 02:06		-HN at 20/07/21 01:01	-HN at 20/07/21 00:06
Vent Mode	Synchronised intermittent mandatory ventilation/pressure control	—	Synchronised intermittent mandatory ventilation/pressure control	Synchronised intermittent mandatory ventilation/pressure control
	-HN at 20/07/21 03:06		-HN at 20/07/21 03:06	-HN at 20/07/21 03:06
Resp Rate (Set)	20	—	20	20
	-HN at 20/07/21 02:06		-HN at 20/07/21 01:01	-HN at 20/07/21 00:06
Resp Rate Observed	20	—	20	20
	-HN at 20/07/21 02:06		-HN at 20/07/21 01:01	-HN at 20/07/21 00:06
PEEP achieved (cmH2O)	4.8 cm H2O	—	4.9 cm H2O	4.9 cm H2O
	-HN at 20/07/21 02:06		-HN at 20/07/21 01:01	-HN at 20/07/21 00:06
PEEP/CPAP set (cmH2O)	5 cmH2O	—	5 cmH2O	5 cmH2O
	-HN at 20/07/21 02:06		-HN at 20/07/21 01:01	-HN at 20/07/21 00:06
Pressure Support (cm H2O)	10 cm H2O	—	10 cm H2O	10 cm H2O
	-HN at 20/07/21 02:06		-HN at 20/07/21 01:01	-HN at 20/07/21 00:06
PC Set	12	—	12	12
	-HN at 20/07/21 02:06		-HN at 20/07/21 01:01	-HN at 20/07/21 00:06
Tidal Volume achieved (ml)	332.4 mL	—	329.4 mL	322.6 mL
	-HN at 20/07/21 02:06		-HN at 20/07/21 01:01	-HN at 20/07/21 00:06
Vt ml/kg	6 ml/kg	—	6 ml/kg	5.9 ml/kg
	-HN at 20/07/21 02:06		-HN at 20/07/21 01:01	-HN at 20/07/21 00:06
Minute Ventilation (L/min)	6.7 L/min	—	6.6 L/min	6.4 L/min
	-HN at 20/07/21 02:06		-HN at 20/07/21 01:01	-HN at 20/07/21 00:06
I:E Ratio	1:2	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

	-HN at 20/07/21 03:06			
Ppeak (cm H2O)	17 cm H2O -HN at 20/07/21 03:06	—	—	—
Pmean MAP (cmH2O)	8.6 cm H2O -HN at 20/07/21 02:06	—	8.6 cm H2O -HN at 20/07/21 01:01	8.6 cm H2O -HN at 20/07/21 00:06
Trigger Sensitivity Flow (L/min)	1.41 L/min -HN at 20/07/21 02:06	—	1.41 L/min -HN at 20/07/21 01:01	1.41 L/min -HN at 20/07/21 00:06
Source (from Blood Gas - read only)	—	Arterial 20/07/21 01:52	—	—
FiO2 (from Blood Gas - read only)	—	25 20/07/21 01:52	—	—
pH (from Blood Gas - read only)	—	7.428 20/07/21 01:52	—	—
PCO2 (from Blood Gas - read only)	—	5.45 20/07/21 01:52	—	—
PO2 (from Blood Gas - read only)	—	(!) 14.4 20/07/21 01:52	—	—
HCO3- (from Blood Gas - read only)	—	26.5 20/07/21 01:52	—	—
Base Excess (from Blood Gas - read only)	—	2.6 20/07/21 01:52	—	—
Total Hb (from Blood Gas - read only)	—	143 20/07/21 01:52	—	—
SaO2 (from Blood Gas - read only)	—	98.1 20/07/21 01:52	—	—
Oxyhaemoglobin (from Blood Gas - read only)	—	96.7 20/07/21 01:52	—	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	0.5 20/07/21 01:52	—	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	1.9 20/07/21 01:52	—	—
Methaemoglobin (from Blood Gas - read only)	—	0.9 20/07/21 01:52	—	—
Haematocrit (from Blood Gas - read only)	—	43.8 20/07/21 01:52	—	—
Sodium (from Blood Gas - read only)	—	(!) 163 20/07/21 01:52	—	—
Potassium (from Blood Gas - read only)	—	3.7 20/07/21 01:52	—	—
Ionised Calcium (from Blood Gas - read only)	—	1.21 20/07/21 01:52	—	—
Chloride (from Blood Gas - read only)	—	(!) 128 20/07/21 01:52	—	—
Glucose (from Blood Gas - read only)	—	(!) 8.2 20/07/21 01:52	—	—
Lactate (from Blood Gas - read only)	—	1.5 20/07/21 01:52	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Oxygen Content (from Blood Gas - read only)	—	8.7 20/07/21 01:52	—	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	3.43 20/07/21 01:52	—	—
PO2 (from Blood Gas - read only)	—	(!) 14.4 20/07/21 01:52	—	—
Pulse	108 -HN at 20/07/21 02:06	—	110 -HN at 20/07/21 01:01	117 -HN at 20/07/21 00:06
Pulse source	Monitor -HN at 20/07/21 02:06	—	Monitor -HN at 20/07/21 01:01	Monitor -HN at 20/07/21 00:06
Cardiac Rhythm	Sinus tachycardia -HN at 20/07/21 02:06	—	Sinus tachycardia -HN at 20/07/21 01:01	Sinus tachycardia -HN at 20/07/21 00:06
Arterial Line BP	108/61 -HN at 20/07/21 02:06	—	125/74 -HN at 20/07/21 01:01	127/69 -HN at 20/07/21 00:06
Arterial Line MAP (mmHg)	76 mmHg -HN at 20/07/21 02:06	—	90 mmHg -HN at 20/07/21 01:01	87 mmHg -HN at 20/07/21 00:06
Temp	—	—	36.2 °C (97.2 °F) -HN at 20/07/21 01:01	—
Temp src	—	—	Tympanic -HN at 20/07/21 01:01	—
Pacemaker	—	—	No -HN at 20/07/21 01:05	—
Skin Colour	—	—	Appropriate for ethnicity -HN at 20/07/21 01:05	—
Skin Condition/Temp	—	—	Warm -HN at 20/07/21 01:05	—
Cyanosis	—	—	None -HN at 20/07/21 01:05	—
Capillary Refill - Peripheral	—	—	Less than/equal to 3 seconds -HN at 20/07/21 01:05	—
Capillary Refill - Central	—	—	Less than/equal to 3 seconds -HN at 20/07/21 01:05	—
Oedema	—	—	None -HN at 20/07/21 01:05	—
Anti-Embolism Stockings (TEDS)	—	—	On -HN at 20/07/21 01:05	—
Anti-embolism stockings	—	—	Knee length (Left);Knee length (Right) -HN at 20/07/21 01:05	—
Skin Intact	—	—	Yes -HN at 20/07/21 01:05	—
Eye Opening	—	—	None/Not able to obtain (eg eyes closed by swelling) -HN at 20/07/21 01:05	—
Best Verbal Response	—	—	None/Not able to obtain (eg ET or tracheostomy tube) -HN at 20/07/21 01:05	—
Best Motor Response	—	—	None -HN at 20/07/21 01:05	—
Glasgow Coma Scale Score	—	—	3 -HN at 20/07/21 01:05	—
Level of consciousness	—	—	(!) Unresponsive -HN at 20/07/21 01:05	—
Reason Unresponsive	—	—	Comatose -HN at 20/07/21 01:05	—
Richmond Agitation Sedation Scale	Unarousable -HN at 20/07/21 05:01	—	Unarousable -HN at 20/07/21 01:05	Unarousable -HN at 20/07/21 05:01

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

(RASS)				
R Pupil Size (mm)	—	—	8	—
			-HN at 20/07/21 01:05	
R Pupil Reaction	—	—	Nonreactive	—
			-HN at 20/07/21 01:05	
R Pupil Shape	—	—	Round	—
			-HN at 20/07/21 01:05	
L Pupil Size (mm)	—	—	8	—
			-HN at 20/07/21 01:05	
L Pupil Reaction	—	—	Nonreactive	—
			-HN at 20/07/21 01:05	
L Pupil Shape	—	—	Round	—
			-HN at 20/07/21 01:05	
Limb Power Assessment	—	—	Yes	—
			-HN at 20/07/21 01:05	
Right upper limb power	—	—	Nil	—
			-HN at 20/07/21 01:05	
Left upper limb power	—	—	Nil	—
			-HN at 20/07/21 01:05	
Right lower limb power	—	—	Nil	—
			-HN at 20/07/21 01:05	
Left lower limb power	—	—	Nil	—
			-HN at 20/07/21 01:05	
Neuro Symptoms	—	—	None	—
			-HN at 20/07/21 01:05	
Continuous EEG	—	—	No	—
			-HN at 20/07/21 01:05	
Feature 3: Altered Level of Consciousness	Positive	—	Positive	Positive
	-HN at 20/07/21 05:01		-HN at 20/07/21 01:05	-HN at 20/07/21 05:01
Pain Scale	—	—	Critical Care Pain Observation Tool	—
			-HN at 20/07/21 01:05	
Verbal pain scale at rest	—	—	Nil	—
			-HN at 20/07/21 01:05	
Verbal pain scale on movement	—	—	Nil	—
			-HN at 20/07/21 01:05	
Nausea or vomiting?	—	—	None	—
			-HN at 20/07/21 01:05	
Nausea score	—	—	Symptom absent	—
			-HN at 20/07/21 01:05	
Vocalisation	—	—	Absent	—
			-HN at 20/07/21 01:05	
Facial expression	—	—	Absent	—
			-HN at 20/07/21 01:05	
Changes in body language	—	—	Absent	—
			-HN at 20/07/21 01:05	
Behavioural change	—	—	Absent	—
			-HN at 20/07/21 01:05	
Physiological change	—	—	Absent	—
			-HN at 20/07/21 01:05	
Physical change	—	—	Absent	—
			-HN at 20/07/21 01:05	
ABBEY PAIN SCORE	—	—	0	—
			-HN at 20/07/21 01:05	
Facial Expression	—	—	Relaxed	—
			-HN at 20/07/21 01:05	
Upper Limbs	—	—	No movement	—
			-HN at 20/07/21 01:05	
Compliance with Ventilation	—	—	Tolerating movement	—
			-HN at 20/07/21 01:05	
Behavioural Pain Scale Total Score	—	—	3	—
			-HN at 20/07/21 01:05	

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Facial Expression	—	—	Relaxed, neutral -HN at 20/07/21 01:05	—
Body Movements	—	—	Absence of movements or normal position -HN at 20/07/21 01:05	—
Compliance with the Ventilator (Intubated Patients)	—	—	Tolerating ventilator or movement -HN at 20/07/21 01:05	—
Vocalization (Extubated Patients)	—	—	Talking in normal tone or no sound -HN at 20/07/21 01:05	—
Muscle Tension	—	—	Relaxed -HN at 20/07/21 01:05	—
Critical-Care Pain Observation Score	—	—	0 -HN at 20/07/21 01:05	—
Communication Needs	—	—	None -HN at 20/07/21 01:05	—
Abdomen Inspection	—	—	Soft;Nondistended -HN at 20/07/21 01:05	—
Bowel Sounds (All Quadrants)	—	—	Absent -HN at 20/07/21 01:05	—
Passing Flatus	—	—	No -HN at 20/07/21 01:05	—
Faecal devices	—	—	None -HN at 20/07/21 01:05	—
Bowel Opened?	—	—	No -HN at 20/07/21 01:05	—
Urinary Incontinence	—	—	No -HN at 20/07/21 01:05	—
Urine Colour	—	—	Yellow/straw -HN at 20/07/21 01:05	—
Urine Appearance	—	—	Clear -HN at 20/07/21 01:05	—
Urine Odour	—	—	Unable to assess -HN at 20/07/21 01:05	—
All pressure areas observed	—	—	No (Comment) -HN at 20/07/21 01:05	—
Head	—	—	Intact -HN at 20/07/21 01:05	—
Left Shoulder	—	—	Intact -HN at 20/07/21 01:05	—
Right Shoulder	—	—	Intact -HN at 20/07/21 01:05	—
Left Elbow	—	—	Intact -HN at 20/07/21 01:05	—
Right Elbow	—	—	Intact -HN at 20/07/21 01:05	—
Left Hip	—	—	Intact -HN at 20/07/21 01:05	—
Right Hip	—	—	Intact -HN at 20/07/21 01:05	—
Left Heel	—	—	Intact -HN at 20/07/21 01:05	—
Right Heel	—	—	Blanching -HN at 20/07/21 01:05	—
Left Buttock	—	—	Intact -HN at 20/07/21 01:05	—
Right Buttock	—	—	Intact -HN at 20/07/21 01:05	—
Sacrum	—	—	Intact -HN at 20/07/21 01:05	—
Face	—	—	Yes -HN at 20/07/21 01:05	—
Right Cheek	—	—	Intact	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

			-HN at 20/07/21 01:05	
Left Cheek	—	—	Intact	—
			-HN at 20/07/21 01:05	
Right Ear	—	—	Intact	—
			-HN at 20/07/21 01:05	
Left Ear	—	—	Intact	—
			-HN at 20/07/21 01:05	
Nose	—	—	Intact	—
			-HN at 20/07/21 01:05	
Forehead	—	—	Intact	—
			-HN at 20/07/21 01:05	
Chin	—	—	Intact	—
			-HN at 20/07/21 01:05	
VAC Dressing/Complex Dressing	—	—	No	—
			-HN at 20/07/21 01:05	
SEM Scanner Readings Surface	—	—	No	—
			-HN at 20/07/21 01:05	
Reposition	—	—	Standard Evolution mattress	—
			-HN at 20/07/21 01:05	
Positioning Frequency	—	—	Bed - Tilt Right 60 degrees	—
			-HN at 20/07/21 01:05	
Analgesia Required	—	—	4 hourly	—
			-HN at 20/07/21 01:05	
Patient clean and dry	—	—	No	—
			-HN at 20/07/21 01:05	
Urinary catheter/BMS patent and draining	—	—	Yes	—
			-HN at 20/07/21 01:05	
Absorbent incontinence aids in use	—	—	Yes	—
			-HN at 20/07/21 01:05	
Diet	—	—	Outside normal limits	—
			-HN at 20/07/21 01:05	
Nutrition	—	—	Very poor	—
			-HN at 20/07/21 01:05	
Diet	—	—	Enteral	—
			-HN at 20/07/21 01:05	
Requires dietitian review	—	—	Yes (Comment)	—
			-HN at 20/07/21 01:05	
SSKIN Interventions	—	—	Turn prescription in progress;Heels elevated with pillows	—
			-HN at 20/07/21 08:11	
Bathing	—	—	Bath;Dependent	—
			-HN at 20/07/21 08:07	
Oral care	—	—	Moistened oral swabs;Lip balm	—
			-HN at 20/07/21 01:05	
Linen changed	—	—	Total bed change	—
			-HN at 20/07/21 08:07	
Eye Care	—	—	Delivered	—
			-HN at 20/07/21 01:05	
Lid closure assessment	—	—	Grade 0 - eyelids close well (or patient blinking normally)	—
			-HN at 20/07/21 01:05	
Eye care actions	—	—	Cleaned	—
			-HN at 20/07/21 01:05	
IV Properties	Placement Date: 18/07/21	-ADA, 18/07/21	04:40	Orientation: Left -ADA, 18/07/21 04:40 Location:

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 1 of 3) (continued)**

Antecubital -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -  
ADA, 18/07/21 04:40 Name of dressing applied: Semipermeable dressing -ADA, 18/07/21 04:40  
Removal Date: 21/07/21 -ZS, 21/07/21 13:15 Removal Time: 13:15 -ZS, 21/07/21 13:15

**User Key**

(r) = Recorded By, (t) = Taken By, (c) = Cosigned By

Initials	Name
AA	Ana ARRIAGA, RN
RC	Ramen CHENGEBROYEN, RN
EMA	Evangeline MEDINA, RN
FM	Filsan MOALIN, RN
EM	Elizabeth MULDOON, RN
RCA	Raquel Soraia CASTRO RIBEIRO, RN
MC	Mariam CHRYSZELLE BATAY
ZS	Zoie SIDAWAY
HN	Hannah NYBERG, RN
MT	Marife TALORETE
GO	Gwenyvere OTERO
CM	Camille Aura MANALANG
ADA	Ainen DEMAVIVAS
AD	Automatic DISCHARGE PROVIDER

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3)**

**Critical Care Obs**

Row Name	19/07/21 23:20	19/07/21 23:17	19/07/21 23:00	19/07/21 22:00	19/07/21 21:23:01
ETT Properties	Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
FiO2 (%)	—	—	25 % -HN at 19/07/21 23:19	25 % -HN at 19/07/21 22:30	—
O2 delivery device	—	—	Endotracheal tube -HN at 19/07/21 23:19	Endotracheal tube -HN at 19/07/21 22:30	—
SpO2	—	—	94 % -HN at 19/07/21 23:19	94 % -EM at 19/07/21 22:09	—
Resp	—	—	20 -HN at 19/07/21 23:19	16 -HN at 19/07/21 22:30	—
ETCO2 (kPa)	—	—	6 kPa -HN at 19/07/21 23:19	6.8 kPa -EM at 19/07/21 22:09	—
Vent Mode	—	—	Synchronised intermittent mandatory ventilation/pressure control -HN at 20/07/21 03:06	—	—
Resp Rate (Set)	—	—	20 -HN at 19/07/21 23:19	20 -HN at 19/07/21 22:30	—
Resp Rate Observed	—	—	20 -HN at 19/07/21 23:19	20 -HN at 19/07/21 22:30	—
PEEP achieved (cmH2O)	—	—	4.9 cm H2O -HN at 19/07/21 23:19	4.9 cm H2O -EM at 19/07/21 22:09	—
PEEP/CPAP set (cmH2O)	—	—	5 cmH2O -HN at 19/07/21 23:19	5 cmH2O -EM at 19/07/21 22:09	—
Achieved PEEP - Set PEEP (difference)	—	—	—	-0.1 cmH2O -EM at 19/07/21 22:09	—
Pressure Support (cm H2O)	—	—	10 cm H2O -HN at 19/07/21 23:19	10 cm H2O -EM at 19/07/21 22:09	—
PC Set	—	—	12 -HN at 19/07/21 23:19	10 -EM at 19/07/21 22:09	—
Tidal Volume achieved (ml)	—	—	321 mL -HN at 19/07/21 23:19	291.2 mL -EM at 19/07/21 22:09	—
Vt ml/kg	—	—	5.8 ml/kg -HN at 19/07/21 23:19	5.3 ml/kg -EM at 19/07/21 22:09	—
Minute Ventilation (L/min)	—	—	6.4 L/min -HN at 19/07/21 23:19	5.2 L/min -EM at 19/07/21 22:09	—
Ppeak (cm H2O)	—	—	17 cm H2O -HN at 19/07/21 23:19	—	—
Pmean MAP (cmH2O)	—	—	8.7 cm H2O -HN at 19/07/21 23:19	8 cm H2O -EM at 19/07/21 22:09	—
Trigger Sensitivity Flow (L/min)	—	—	1.41 L/min -HN at 19/07/21 23:19	1.41 L/min -EM at 19/07/21 22:09	—
Vt/10	—	—	—	29.1 -EM at 19/07/21 22:09	—
Source (from Blood Gas - read only)	—	Arterial 19/07/21 23:17	—	—	Arterial 19/07/21 21:23
FiO2 (from Blood Gas - read only)	—	25 19/07/21 23:17	—	—	25 19/07/21 21:23
pH (from Blood Gas - read only)	—	7.419 19/07/21 23:17	—	—	7.371 19/07/21 21:23
PCO2 (from Blood Gas - read only)	—	5.69 19/07/21 23:17	—	—	(!) 6.4 19/07/21 21:23
PO2 (from Blood	—	(!) 15.5	—	—	(!) 16.5

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Gas - read only)		19/07/21 23:17			19/07/21 21:23
HCO3- (from Blood Gas - read only)	—	<b>26.8</b> 19/07/21 23:17	—	—	<b>26</b> 19/07/21 21:23
Base Excess (from Blood Gas - read only)	—	<b>3.1</b> 19/07/21 23:17	—	—	<b>2.5</b> 19/07/21 21:23
Total Hb (from Blood Gas - read only)	—	<b>136</b> 19/07/21 23:17	—	—	<b>131</b> 19/07/21 21:23
SaO2 (from Blood Gas - read only)	—	<b>98.9</b> 19/07/21 23:17	—	—	<b>98.8</b> 19/07/21 21:23
Oxyhaemoglobin (from Blood Gas - read only)	—	<b>97.5</b> 19/07/21 23:17	—	—	<b>98.1</b> 19/07/21 21:23
Carboxyhaemogl obin (from Blood Gas - read only)	—	<b>(!) 0.4</b> 19/07/21 23:17	—	—	<b>(!) 0</b> 19/07/21 21:23
Deoxyhaemoglo bin (from Blood Gas - read only)	—	<b>1.1</b> 19/07/21 23:17	—	—	<b>1.2</b> 19/07/21 21:23
Methaemoglobin (from Blood Gas - read only)	—	<b>1</b> 19/07/21 23:17	—	—	<b>0.7</b> 19/07/21 21:23
Haematocrit (from Blood Gas - read only)	—	<b>41.8</b> 19/07/21 23:17	—	—	<b>40.2</b> 19/07/21 21:23
Sodium (from Blood Gas - read only)	—	<b>(!) 159</b> 19/07/21 23:17	—	—	<b>(!) 155</b> 19/07/21 21:23
Potassium (from Blood Gas - read only)	—	<b>3.7</b> 19/07/21 23:17	—	—	<b>4.2</b> 19/07/21 21:23
Ionised Calcium (from Blood Gas - read only)	—	<b>1.15</b> 19/07/21 23:17	—	—	<b>1.15</b> 19/07/21 21:23
Chloride (from Blood Gas - read only)	—	<b>(!) 123</b> 19/07/21 23:17	—	—	<b>(!) 122</b> 19/07/21 21:23
Glucose (from Blood Gas - read only)	—	<b>(!) 7.5</b> 19/07/21 23:17	—	—	<b>(!) 7.4</b> 19/07/21 21:23
Lactate (from Blood Gas - read only)	—	<b>1.1</b> 19/07/21 23:17	—	—	<b>0.8</b> 19/07/21 21:23
Oxygen Content (from Blood Gas - read only)	—	<b>8.4</b> 19/07/21 23:17	—	—	<b>8.2</b> 19/07/21 21:23
O2 Tension at 50% saturation (from Blood Gas - read only)	—	<b>3.47</b> 19/07/21 23:17	—	—	<b>3.65</b> 19/07/21 21:23
PO2 (from Blood Gas - read only)	—	<b>(!) 15.5</b> 19/07/21 23:17	—	—	<b>(!) 16.5</b> 19/07/21 21:23
Pulse	—	—	<b>117</b> -HN at 19/07/21 23:19	<b>115</b> -HN at 19/07/21 22:30	—
Pulse source	—	—	<b>Monitor</b> -HN at 19/07/21 23:19	<b>Monitor</b> -HN at 19/07/21 22:30	—
Cardiac Rhythm	—	—	<b>Sinus tachycardia</b> -HN at 19/07/21 23:19	<b>Sinus tachycardia</b> -HN at 19/07/21 22:30	—
Arterial Line BP	—	—	<b>143/78</b> -HN at 19/07/21 23:19	<b>142/76</b> -HN at 19/07/21 22:30	—
Arterial Line MAP (mmHg)	—	—	<b>99 mmHg</b> -HN at 19/07/21 23:19	<b>98 mmHg</b> -HN at 19/07/21 22:30	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Temp	—	—	—	36.6 °C (97.9 °F)	—
				-HN at 19/07/21 22:30	
Temp src	—	—	—	Tympanic	—
				-HN at 19/07/21 22:30	
Richmond Agitation Sedation Scale (RASS)	Unarousable	—	Unarousable	Unarousable	—
	-HN at 20/07/21 05:01		-HN at 20/07/21 05:01	-HN at 20/07/21 05:01	
Feature 3: Altered Level of Consciousness	Positive	—	Positive	Positive	—
	-HN at 20/07/21 05:01		-HN at 20/07/21 05:01	-HN at 20/07/21 05:01	
IV Properties	Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Left -ADA, 18/07/21 04:40 Location: Antecubital -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -ADA, 18/07/21 04:40 Name of dressing applied: Semipermeable dressing -ADA, 18/07/21 04:40 Removal Date: 21/07/21 -ZS, 21/07/21 13:15 Removal Time: 13:15 -ZS, 21/07/21 13:15				
<b>Row Name</b>	<b>19/07/21 21:23</b>	<b>19/07/21 21:00</b>	<b>19/07/21 19:02:01</b>	<b>19/07/21 19:02</b>	<b>19/07/21 19:00</b>
Natural airway patent?	—	No	—	—	No
		-HN at 19/07/21 21:44			-MA at 19/07/21 19:44
Airway LDA	—	Endotracheal tube	—	—	Endotracheal tube
		-HN at 19/07/21 21:44			-MA at 19/07/21 19:44
Abnormal airway sounds	—	N/A	—	—	—
		-HN at 19/07/21 21:44			
Any airway obstruction?	—	N/A	—	—	—
		-HN at 19/07/21 21:44			
ETT Properties	Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Secured at (cm)	—	23 cm	—	—	—
		-HN at 19/07/21 21:44			
Measured from	—	Lips	—	—	—
		-HN at 19/07/21 21:44			
Tube Position	—	Centre	—	—	—
		-HN at 19/07/21 21:44			
Secured by	—	AnchorFast	—	—	—
		-HN at 19/07/21 21:44			
Site Condition	—	Intact	—	—	—
		-HN at 19/07/21 21:44			
Cuff Pressure	—	30 cm H2O	—	—	—
		-HN at 19/07/21 21:44			
Cuff leak present	—	No	—	—	—
		-HN at 19/07/21 21:44			
Airway Interventions	—	Airway suction	—	—	—
		-HN at 19/07/21 21:44			
Manoeuvres	—	Reposition	—	—	—
		-HN at 19/07/21 21:44			
Suction Type	—	Endotracheal	—	—	—
		-HN at 19/07/21 21:44			
Suction Device	—	Inline endotracheal catheter	—	—	—
		-HN at 19/07/21 21:44			
Secretion Amount	—	None	—	—	—
		-HN at 19/07/21 21:44			
Suction Type	—	Oral	—	—	—
		-HN at 19/07/21 21:44			
Suction Device	—	Yankeur	—	—	—
		-HN at 19/07/21 21:44			
Secretion Amount	—	Small	—	—	—
		-HN at 19/07/21 21:44			
Secretion Colour	—	Clear	—	—	—
		-HN at 19/07/21 21:44			
Secretion Consistency	—	Thin	—	—	—
		-HN at 19/07/21 21:44			
Suction Tolerance	—	Tolerated well	—	—	—
		-HN at 19/07/21 21:44			
Suctioning	—	None	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Adverse Effects		-HN at 19/07/21 21:44			
FiO2 (%)	—	<b>25 %</b>	—	—	—
		-HN at 19/07/21 21:32			
O2 delivery device	—	<b>Endotracheal tube</b>	—	—	—
		-HN at 19/07/21 21:32			
SpO2	—	<b>95 %</b>	—	—	—
		-EM at 19/07/21 22:09			
Resp	—	<b>16</b>	—	—	—
		-HN at 19/07/21 21:32			
ETCO2 (kPa)	—	<b>6.9 kPa</b>	—	—	—
		-EM at 19/07/21 22:09			
Device Name	—	<b>Servo-u</b>	—	—	—
		-HN at 19/07/21 21:32			
Vent Mode	—	<b>Synchronised intermittent mandatory ventilation/pressure control</b>	—	—	—
		-HN at 19/07/21 21:32			
Resp Rate (Set)	—	<b>16</b>	—	—	—
		-HN at 19/07/21 21:32			
Resp Rate Observed	—	<b>16</b>	—	—	—
		-HN at 19/07/21 21:32			
PEEP achieved (cmH2O)	—	<b>4.6 cm H2O</b>	—	—	—
		-EM at 19/07/21 22:09			
PEEP/CPAP set (cmH2O)	—	<b>5 cmH2O</b>	—	—	—
		-EM at 19/07/21 22:09			
Achieved PEEP - Set PEEP (difference)	—	<b>-0.4 cmH2O</b>	—	—	—
		-EM at 19/07/21 22:09			
Pressure Support (cm H2O)	—	<b>10 cm H2O</b>	—	—	—
		-EM at 19/07/21 22:09			
PC Set	—	<b>8</b>	—	—	—
		-EM at 19/07/21 22:09			
Tidal Volume achieved (ml)	—	<b>293 mL</b>	—	—	—
		-EM at 19/07/21 22:09			
Vt ml/kg	—	<b>5.3 ml/kg</b>	—	—	—
		-EM at 19/07/21 22:09			
Minute Ventilation (L/min)	—	<b>4.7 L/min</b>	—	—	—
		-EM at 19/07/21 22:09			
Ppeak (cm H2O)	—	<b>13 cm H2O</b>	—	—	—
		-HN at 19/07/21 21:44			
Pmean MAP (cmH2O)	—	<b>7.1 cm H2O</b>	—	—	—
		-EM at 19/07/21 22:09			
Trigger Sensitivity Flow (L/min)	—	<b>1.41 L/min</b>	—	—	—
		-EM at 19/07/21 22:09			
Vt/10	—	<b>29.3</b>	—	—	—
		-EM at 19/07/21 22:09			
Source (from Blood Gas - read only)	<b>arterial</b> 19/07/21 21:23	—	<b>Arterial</b> 19/07/21 19:02	<b>Arterial</b> 19/07/21 19:02	—
FiO2 (from Blood Gas - read only)	<b>25</b> 19/07/21 21:23	—	<b>26</b> 19/07/21 19:02	<b>25</b> 19/07/21 19:02	—
pH (from Blood Gas - read only)	<b>7.37</b> 19/07/21 21:23	—	<b>7.365</b> 19/07/21 19:02	<b>7.365</b> 19/07/21 19:02	—
PCO2 (from Blood Gas - read only)	<b>6.4</b> 19/07/21 21:23	—	<b>(!) 6.11</b> 19/07/21 19:02	<b>6.11</b> 19/07/21 19:02	—
PO2 (from Blood Gas - read only)	<b>16.5</b> 19/07/21 21:23	—	<b>(!) 15.9</b> 19/07/21 19:02	<b>15.9</b> 19/07/21 19:02	—
HCO3- (from Blood Gas - read only)	<b>26</b> 19/07/21 21:23	—	<b>24.8</b> 19/07/21 19:02	<b>24.8</b> 19/07/21 19:02	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Base Excess (from Blood Gas - read only)	2.5 19/07/21 21:23	—	0.8 19/07/21 19:02	0.8 19/07/21 19:02	—
Total Hb (from Blood Gas - read only)	131 19/07/21 21:23	—	125 19/07/21 19:02	125 19/07/21 19:02	—
SaO2 (from Blood Gas - read only)	98.8 19/07/21 21:23	—	98.5 19/07/21 19:02	98.5 19/07/21 19:02	—
Oxyhaemoglobin (from Blood Gas - read only)	98.1 19/07/21 21:23	—	97.7 19/07/21 19:02	97.7 19/07/21 19:02	—
Carboxyhaemogl obin (from Blood Gas - read only)	0 19/07/21 21:23	—	(!) 0 19/07/21 19:02	0 19/07/21 19:02	—
Deoxyhaemoglo bin (from Blood Gas - read only)	1.2 19/07/21 21:23	—	1.5 19/07/21 19:02	1.5 19/07/21 19:02	—
Methaemoglobin (from Blood Gas - read only)	0.7 19/07/21 21:23	—	0.8 19/07/21 19:02	0.8 19/07/21 19:02	—
Haematocrit (from Blood Gas - read only)	40.2 19/07/21 21:23	—	38.3 19/07/21 19:02	38.3 19/07/21 19:02	—
Sodium (from Blood Gas - read only)	155 19/07/21 21:23	—	(!) 153 19/07/21 19:02	153 19/07/21 19:02	—
Potassium (from Blood Gas - read only)	4.2 19/07/21 21:23	—	(!) 4.6 19/07/21 19:02	4.6 19/07/21 19:02	—
Ionised Calcium (from Blood Gas - read only)	1.15 19/07/21 21:23	—	1.16 19/07/21 19:02	1.16 19/07/21 19:02	—
Chloride (from Blood Gas - read only)	122 19/07/21 21:23	—	(!) 123 19/07/21 19:02	123 19/07/21 19:02	—
Glucose (from Blood Gas - read only)	7.4 19/07/21 21:23	—	(!) 6.2 19/07/21 19:02	6.2 19/07/21 19:02	—
Lactate (from Blood Gas - read only)	0.8 19/07/21 21:23	—	1.1 19/07/21 19:02	1.1 19/07/21 19:02	—
Oxygen Content (from Blood Gas - read only)	18.3 19/07/21 21:23	—	7.7 19/07/21 19:02	17.3 19/07/21 19:02	—
O2 Tension at 50% saturation (from Blood Gas - read only)	3.65 19/07/21 21:23	—	3.66 19/07/21 19:02	3.66 19/07/21 19:02	—
PO2 (from Blood Gas - read only)	16.5 19/07/21 21:23	—	(!) 15.9 19/07/21 19:02	15.9 19/07/21 19:02	—
Ventilated patient?	—	Yes -HN at 19/07/21 21:44	—	—	—
Respiratory Pattern	—	Normal -HN at 19/07/21 21:44	—	—	—
Respiratory Depth/Rhythm	—	Regular -HN at 19/07/21 21:44	—	—	—
Increasing respiratory effort?	—	No -HN at 19/07/21 21:44	—	—	—
Chest Assessment	—	Symmetrical;Chest expansion symmetrical;Trache a midline -HN at 19/07/21 21:44	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Bilateral Air Entry?	—	Yes -HN at 19/07/21 21:44	—	—	—
Left Upper Auscultation	—	Clear -HN at 19/07/21 21:44	—	—	—
Left Lower Auscultation	—	Clear -HN at 19/07/21 21:44	—	—	—
Right Upper Auscultation	—	Clear -HN at 19/07/21 21:44	—	—	—
Right Lower Auscultation	—	Clear -HN at 19/07/21 21:44	—	—	—
Cough (spontaneous/natural cough)	—	None -HN at 19/07/21 21:44	—	—	—
Pulse	—	107 -HN at 19/07/21 22:30	—	—	—
Pulse source	—	Monitor -HN at 19/07/21 21:32	—	—	—
Cardiac Rhythm	—	Sinus tachycardia -HN at 19/07/21 22:30	—	—	—
Arterial Line BP	—	135/71 -HN at 19/07/21 22:30	—	—	—
Arterial Line MAP (mmHg)	—	92 mmHg -HN at 19/07/21 22:30	—	—	—
Temp	—	36.1 °C (97 °F) -HN at 19/07/21 21:32	—	—	35.1 °C (95.2 °F) -MA at 19/07/21 19:44
Temp src	—	Tympanic -HN at 19/07/21 21:32	—	—	Tympanic -MA at 19/07/21 19:44
Bair Hugger on	—	Yes -HN at 19/07/21 21:44	—	—	No -MA at 19/07/21 19:44
Pacemaker	—	No -HN at 19/07/21 21:44	—	—	—
Skin Colour	—	Appropriate for ethnicity -HN at 19/07/21 21:44	—	—	—
Skin Condition/Temp	—	Warm -HN at 19/07/21 21:44	—	—	—
Cyanosis	—	None -HN at 19/07/21 21:44	—	—	—
Capillary Refill - Peripheral	—	Less than/equal to 3 seconds -HN at 19/07/21 21:44	—	—	—
Capillary Refill - Central	—	Less than/equal to 3 seconds -HN at 19/07/21 21:44	—	—	—
Oedema	—	None -HN at 19/07/21 21:44	—	—	—
Anti-Embolism Stockings (TEDS)	—	On -HN at 19/07/21 21:44	—	—	—
Anti-embolism stockings	—	Knee length (Left);Knee length (Right) -HN at 19/07/21 21:44	—	—	—
Skin Intact	—	Yes -HN at 19/07/21 21:44	—	—	—
Eye Opening	—	None/Not able to obtain (eg eyes closed by swelling) -HN at 19/07/21 21:44	—	—	None/Not able to obtain (eg eyes closed by swelling) -MA at 19/07/21 19:44
Best Verbal Response	—	None/Not able to obtain (eg ET or tracheostomy tube) -HN at 19/07/21 21:44	—	—	None/Not able to obtain (eg ET or tracheostomy tube) -MA at 19/07/21 19:44
Best Motor Response	—	None -HN at 19/07/21 21:44	—	—	None -MA at 19/07/21 19:44
Glasgow Coma Scale Score	—	3 -HN at 19/07/21 21:44	—	—	3 -MA at 19/07/21 19:44
Level of	—	<b>(!) Unresponsive</b>	—	—	<b>(!) Unresponsive</b>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

consciousness		-HN at 19/07/21 21:44			-MA at 19/07/21 19:44
Reason Unresponsive	—	<b>Comatose</b> -HN at 19/07/21 21:44	—	—	<b>Comatose</b> -MA at 19/07/21 19:44
Richmond Agitation Sedation Scale (RASS)	—	<b>Unarousable</b> -HN at 19/07/21 21:44	—	—	<b>Unarousable</b> -MA at 19/07/21 19:44
R Pupil Size (mm)	—	<b>8</b> -HN at 19/07/21 21:44	—	—	—
R Pupil Reaction	—	<b>Nonreactive</b> -HN at 19/07/21 21:44	—	—	—
R Pupil Shape	—	<b>Round</b> -HN at 19/07/21 21:44	—	—	—
L Pupil Size (mm)	—	<b>8</b> -HN at 19/07/21 21:44	—	—	—
L Pupil Reaction	—	<b>Nonreactive</b> -HN at 19/07/21 21:44	—	—	—
L Pupil Shape	—	<b>Round</b> -HN at 19/07/21 21:44	—	—	—
Limb Power Assessment	—	<b>Yes</b> -HN at 19/07/21 21:44	—	—	—
Right upper limb power	—	<b>Nil</b> -HN at 19/07/21 21:44	—	—	—
Left upper limb power	—	<b>Nil</b> -HN at 19/07/21 21:44	—	—	—
Right lower limb power	—	<b>Nil</b> -HN at 19/07/21 21:44	—	—	—
Left lower limb power	—	<b>Nil</b> -HN at 19/07/21 21:44	—	—	—
Neuro Symptoms	—	<b>None</b> -HN at 19/07/21 21:44	—	—	—
Continuous EEG	—	<b>No</b> -HN at 19/07/21 21:44	—	—	—
Feature 3: Altered Level of Consciousness	—	<b>Positive</b> -HN at 19/07/21 21:44	—	—	<b>Positive</b> -MA at 19/07/21 19:44
Pain Scale	—	<b>Critical Care Pain Observation Tool</b> -HN at 19/07/21 21:44	—	—	<b>Critical Care Pain Observation Tool</b> -MA at 19/07/21 19:46
Verbal pain scale at rest	—	<b>Nil</b> -HN at 19/07/21 21:44	—	—	<b>Nil</b> -MA at 19/07/21 19:46
Verbal pain scale on movement	—	<b>Nil</b> -HN at 19/07/21 21:44	—	—	<b>Nil</b> -MA at 19/07/21 19:46
Unable to Self-Report Pain Reason	—	<b>Patient unresponsive</b> -HN at 19/07/21 21:44	—	—	—
Nausea or vomiting?	—	<b>None</b> -HN at 19/07/21 21:44	—	—	—
Nausea score	—	<b>Symptom absent</b> -HN at 19/07/21 21:44	—	—	—
Vocalisation	—	<b>Absent</b> -HN at 19/07/21 21:44	—	—	—
Facial expression	—	<b>Absent</b> -HN at 19/07/21 21:44	—	—	—
Changes in body language	—	<b>Absent</b> -HN at 19/07/21 21:44	—	—	—
Behavioural change	—	<b>Absent</b> -HN at 19/07/21 21:44	—	—	—
Physiological change	—	<b>Absent</b> -HN at 19/07/21 21:44	—	—	—
Physical change	—	<b>Absent</b> -HN at 19/07/21 21:44	—	—	—
ABBEY PAIN SCORE	—	<b>0</b> -HN at 19/07/21 21:44	—	—	—
Facial	—	<b>Relaxed, neutral</b>	—	—	<b>Relaxed, neutral</b>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Expression		-HN at 19/07/21 21:44			-MA at 19/07/21 19:46
Body Movements	—	Absence of movements or normal position -HN at 19/07/21 21:44	—	—	Absence of movements or normal position -MA at 19/07/21 19:46
Compliance with the Ventilator (Intubated Patients)	—	Tolerating ventilator or movement -HN at 19/07/21 21:44	—	—	Tolerating ventilator or movement -MA at 19/07/21 19:46
Vocalization (Extubated Patients)	—	Talking in normal tone or no sound -HN at 19/07/21 21:44	—	—	Talking in normal tone or no sound -MA at 19/07/21 19:46
Muscle Tension	—	Relaxed -HN at 19/07/21 21:44	—	—	Relaxed -MA at 19/07/21 19:46
Critical-Care Pain Observation Score	—	0 -HN at 19/07/21 21:44	—	—	0 -MA at 19/07/21 19:46
Pain Interventions	—	—	—	—	Medication (See MAR) -MA at 19/07/21 19:46
Communication Needs	—	None -HN at 19/07/21 21:44	—	—	—
Abdomen Inspection	—	Soft;Nondistended -HN at 19/07/21 21:44	—	—	—
Bowel Sounds (All Quadrants)	—	Present -HN at 19/07/21 21:44	—	—	—
Passing Flatus	—	No -HN at 19/07/21 21:44	—	—	—
Faecal devices	—	None -HN at 19/07/21 21:44	—	—	—
Bowel Opened?	—	No -HN at 19/07/21 21:44	—	—	—
Urinary Incontinence	—	No -HN at 19/07/21 21:44	—	—	—
Urine Colour	—	Yellow/straw -HN at 19/07/21 21:44	—	—	—
Urine Appearance	—	Clear -HN at 19/07/21 21:44	—	—	—
Urine Odour	—	Unable to assess -HN at 19/07/21 21:44	—	—	—
All pressure areas observed	—	No (Comment) -HN at 19/07/21 21:44	—	—	—
Head	—	Intact -HN at 19/07/21 21:44	—	—	—
Left Shoulder	—	Intact -HN at 19/07/21 21:44	—	—	—
Right Shoulder	—	Intact -HN at 19/07/21 21:44	—	—	—
Left Elbow	—	Intact -HN at 19/07/21 21:44	—	—	—
Right Elbow	—	Intact -HN at 19/07/21 21:44	—	—	—
Left Hip	—	Intact -HN at 19/07/21 21:44	—	—	—
Right Hip	—	Intact -HN at 19/07/21 21:44	—	—	—
Left Heel	—	Intact -HN at 19/07/21 21:44	—	—	—
Right Heel	—	Intact -HN at 19/07/21 21:44	—	—	—
Face	—	Yes -HN at 19/07/21 21:44	—	—	—
Right Cheek	—	Intact -HN at 19/07/21 21:44	—	—	—
Left Cheek	—	Intact -HN at 19/07/21 21:44	—	—	—
Right Ear	—	Intact	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

			-HN at 19/07/21 21:44			
Left Ear	—	Intact	-HN at 19/07/21 21:44	—	—	—
Nose	—	Intact	-HN at 19/07/21 21:44	—	—	—
Forehead	—	Intact	-HN at 19/07/21 21:44	—	—	—
Chin	—	Intact	-HN at 19/07/21 21:44	—	—	—
VAC Dressing/Complex Dressing	—	No	-HN at 19/07/21 21:44	—	—	—
SEM Scanner Readings	—	No	-HN at 19/07/21 21:44	—	—	—
Surface	—	Standard Evolution mattress	-HN at 19/07/21 21:44	—	—	—
Patient clean and dry	—	Yes	-HN at 19/07/21 21:44	—	—	—
Diet	—	Outside normal limits	-HN at 19/07/21 21:44	—	—	—
Nutrition	—	Very poor	-HN at 19/07/21 21:44	—	—	—
Diet	—	Enteral	-HN at 19/07/21 21:44	—	—	—
Requires dietitian review	—	Yes (Comment)	-HN at 19/07/21 21:44	—	—	—
SSKIN Interventions	—	Turn prescription in progress	-HN at 19/07/21 21:44	—	—	—
Oral care	—	Lip balm;Moistened oral swabs	-HN at 20/07/21 00:59	—	—	—
Eye Care	—	Delivered	-HN at 20/07/21 00:59	—	—	—
Lid closure assessment	—	Grade 0 - eyelids close well (or patient blinking normally)	-HN at 19/07/21 21:44	—	—	—
History of Falls	—	None	-HN at 19/07/21 21:44	—	—	—
Mobility / Gait / Footwear Risk Factors	—	None	-HN at 19/07/21 21:44	—	—	—
Mental State Risk Factors	—	Brain Impairment	-HN at 19/07/21 21:44	—	—	—
Medication and BP Risk Factors	—	On 4 or more medications	-HN at 19/07/21 21:44	—	—	—
Is there a lying standing BP deficit?	—	(!) Not done (state rational) – comments	-HN at 19/07/21 21:44	—	—	—
Vision Risk Factors	—	None	-HN at 19/07/21 21:44	—	—	—
Bedside Area Risk Factors	—	Enhanced Therapeutic Observation;Has been assessed for bed rails / trolley rails or ultra low bed;Curtains drawn back so that patient is in view	-HN at 19/07/21 21:44	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Patient fell on ward or in the hospital	—	No (please comment) -HN at 19/07/21 21:44	—	—	—
Falls Prevention Aids	—	Bed rails -HN at 19/07/21 21:44	—	—	—
Patient physically and cognitively able to use the call bell?	—	No - requires 30 mins contact -HN at 19/07/21 21:44	—	—	—
Are environmental measures required to reduce the risk of falls?	—	Bed lowest height possible -HN at 19/07/21 21:44	—	—	—
Does the patient require bed or trolley rails?	—	Both sides -HN at 19/07/21 21:44	—	—	—
Patient displaying any behaviours that may increase risk of falling?	—	No -HN at 19/07/21 21:44	—	—	—
Patient aware of falls risk and agreed to planned interventions?	—	No -HN at 19/07/21 21:44	—	—	—
Turning Patient in Bed - Help Needed?	—	Yes -HN at 19/07/21 21:44	—	—	—
Number of Staff Required?	—	3 -HN at 19/07/21 21:44	—	—	—
Equipment Needed & Further Information	—	sliding sheet -HN at 19/07/21 21:44	—	—	—
Moving Patient Up and Down the Bed - Help Needed?	—	Yes -HN at 19/07/21 21:44	—	—	—
Number of Staff Required?	—	3 -HN at 19/07/21 21:44	—	—	—
Equipment Needed & Further Information	—	sliding sheet -HN at 19/07/21 21:44	—	—	—
Afternoon family update call	—	— -HN at 19/07/21 21:44	—	—	—
Damp dusting	—	Yes -HN at 19/07/21 21:44	—	—	—
Disposable equipment in date	—	Yes -HN at 19/07/21 21:44	—	—	—
Spare oral airways	—	Yes -HN at 19/07/21 21:44	—	—	—
Oxygen and suction working	—	Yes -HN at 19/07/21 21:44	—	—	—
Rebreath and Ambu bag available	—	Yes -HN at 19/07/21 21:44	—	—	—
Visor/Goggles at bedside	—	Yes -HN at 19/07/21 21:44	—	—	—
Spare oxygen	—	Yes	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

cylinder		-HN at 19/07/21 21:44			
Spare trachy inner tubes/dilator	—	N/A -HN at 19/07/21 21:44	—	—	—
Suction equipment available	—	Yes -HN at 19/07/21 21:44	—	—	—
Monitor alarms appropriate	—	Yes -HN at 19/07/21 21:44	—	—	—
Ventilator alarms appropriate	—	Yes -HN at 19/07/21 21:44	—	—	—
Transducer	—	Transducer kit labelled correctly; Transducer/s re-zeroed -HN at 19/07/21 21:44	—	—	—
Medications/MAR	—	Prescriptions/dosages checked and correct; Giving sets/lines in date; Allergies checked and documented -HN at 19/07/21 21:44	—	—	—
Nutrition status assessed?	—	No - requires dietitian input -HN at 19/07/21 21:44	—	—	—
Resus status up to date	—	Yes -HN at 19/07/21 21:44	—	—	—
Name band in situ	—	Yes -HN at 19/07/21 21:44	—	—	—
NOK details correct	—	Yes -HN at 19/07/21 21:44	—	—	—
Property checked	—	Yes -HN at 19/07/21 21:44	—	—	—
Any red risks on the huddle board	—	family at bedside -HN at 19/07/21 21:44	—	—	—
IV Properties	Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Left -ADA, 18/07/21 04:40 Location: Antecubital -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -ADA, 18/07/21 04:40 Name of dressing applied: Semipermeable dressing -ADA, 18/07/21 04:40 Removal Date: 21/07/21 -ZS, 21/07/21 13:15 Removal Time: 13:15 -ZS, 21/07/21 13:15				
<b>Row Name</b>	<b>19/07/21 18:00</b>	<b>19/07/21 17:11:01</b>	<b>19/07/21 17:11</b>	<b>19/07/21 17:00</b>	<b>19/07/21 16:00</b>
Natural airway patent?	No -MA at 19/07/21 19:10	—	—	—	—
Airway LDA	Endotracheal tube -MA at 19/07/21 19:10	—	—	—	—
ETT Properties	Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Secured at (cm)	23 cm -MA at 19/07/21 19:10	—	—	—	—
Measured from	Lips -MA at 19/07/21 19:10	—	—	—	—
Tube Position	Left -MA at 19/07/21 19:10	—	—	—	—
Secured by	AnchorFast -MA at 19/07/21 19:10	—	—	—	—
Site Condition	Intact -MA at 19/07/21 19:10	—	—	—	—
Cuff Pressure	30 cm H2O -MA at 19/07/21 19:10	—	—	—	—
Cuff leak present	No -MA at 19/07/21 19:10	—	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Suction Type	Endotracheal -MA at 19/07/21 19:10	—	—	—	—
Suction Device	Inline endotracheal catheter -MA at 19/07/21 19:10	—	—	—	—
Secretion Amount	None -MA at 19/07/21 19:10	—	—	—	—
Suction Type	Oral -MA at 19/07/21 19:10	—	—	—	—
Suction Device	Yankeur -MA at 19/07/21 19:10	—	—	—	—
Secretion Amount	Small -MA at 19/07/21 19:10	—	—	—	—
Secretion Colour	Clear -MA at 19/07/21 19:10	—	—	—	—
Secretion Consistency	Thin -MA at 19/07/21 19:10	—	—	—	—
Suction Tolerance	Tolerated well -MA at 19/07/21 19:10	—	—	—	—
Suctioning Adverse Effects	None -MA at 19/07/21 19:10	—	—	—	—
FiO2 (%)	21 % -DS at 19/07/21 18:47	—	—	—	—
O2 delivery device	Endotracheal tube -DS at 19/07/21 18:47	—	—	—	—
SpO2	96 % -DS at 19/07/21 18:47	—	—	—	—
Resp	14 -DS at 19/07/21 18:47	—	—	—	—
ETCO2 (kPa)	5.5 kPa -DS at 19/07/21 18:47	—	—	—	—
Device Name	Servo-u -DS at 19/07/21 18:47	—	—	—	—
Vent Mode	Synchronised intermittent mandatory ventilation/pressure regulated volume control -DS at 19/07/21 18:47	—	—	Synchronised intermittent mandatory ventilation/pressure control -DS at 19/07/21 18:47	—
Resp Rate (Set)	14 -DS at 19/07/21 18:47	—	—	—	—
Resp Rate Observed	14 -DS at 19/07/21 18:47	—	—	—	—
PEEP achieved (cmH2O)	4.5 cm H2O -DS at 19/07/21 18:47	—	—	—	—
PEEP/CPAP set (cmH2O)	5 cmH2O -DS at 19/07/21 18:47	—	—	—	—
Pressure Support (cm H2O)	10 cm H2O -DS at 19/07/21 18:47	—	—	—	—
PC Set	8 -DS at 19/07/21 18:47	—	—	—	—
Tidal Volume achieved (ml)	321.8 mL -DS at 19/07/21 18:47	—	—	—	—
Minute Ventilation (L/min)	4.5 L/min -DS at 19/07/21 18:47	—	—	—	—
Ppeak (cm H2O)	13 cm H2O -DS at 19/07/21 18:47	—	—	—	—
Pmean MAP (cmH2O)	6.8 cm H2O -DS at 19/07/21 18:47	—	—	—	—
Trigger Sensitivity Flow (L/min)	1.41 L/min -DS at 19/07/21 18:47	—	—	—	—
Source (from Blood Gas - read)	—	Arterial 19/07/21 17:11	Arterial 19/07/21 17:11	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

only)					
FiO2 (from Blood Gas - read only)	—	21 19/07/21 17:11	21 19/07/21 17:11	—	—
pH (from Blood Gas - read only)	—	7.402 19/07/21 17:11	7.402 19/07/21 17:11	—	—
PCO2 (from Blood Gas - read only)	—	5.65 19/07/21 17:11	5.65 19/07/21 17:11	—	—
PO2 (from Blood Gas - read only)	—	12.2 19/07/21 17:11	12.2 19/07/21 17:11	—	—
HCO3- (from Blood Gas - read only)	—	25.6 19/07/21 17:11	25.6 19/07/21 17:11	—	—
Base Excess (from Blood Gas - read only)	—	1.6 19/07/21 17:11	1.6 19/07/21 17:11	—	—
Total Hb (from Blood Gas - read only)	—	123 19/07/21 17:11	123 19/07/21 17:11	—	—
SaO2 (from Blood Gas - read only)	—	97.5 19/07/21 17:11	97.5 19/07/21 17:11	—	—
Oxyhaemoglobin (from Blood Gas - read only)	—	96.7 19/07/21 17:11	96.7 19/07/21 17:11	—	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	(!) 0.1 19/07/21 17:11	0.1 19/07/21 17:11	—	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	2.5 19/07/21 17:11	2.5 19/07/21 17:11	—	—
Methaemoglobin (from Blood Gas - read only)	—	0.7 19/07/21 17:11	0.7 19/07/21 17:11	—	—
Haematocrit (from Blood Gas - read only)	—	37.7 19/07/21 17:11	37.7 19/07/21 17:11	—	—
Sodium (from Blood Gas - read only)	—	(!) 153 19/07/21 17:11	153 19/07/21 17:11	—	—
Potassium (from Blood Gas - read only)	—	3.8 19/07/21 17:11	3.8 19/07/21 17:11	—	—
Ionised Calcium (from Blood Gas - read only)	—	1.15 19/07/21 17:11	1.15 19/07/21 17:11	—	—
Chloride (from Blood Gas - read only)	—	(!) 122 19/07/21 17:11	122 19/07/21 17:11	—	—
Glucose (from Blood Gas - read only)	—	(!) 8 19/07/21 17:11	8 19/07/21 17:11	—	—
Lactate (from Blood Gas - read only)	—	0.6 19/07/21 17:11	0.6 19/07/21 17:11	—	—
Oxygen Content (from Blood Gas - read only)	—	7.5 19/07/21 17:11	16.9 19/07/21 17:11	—	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	3.5 19/07/21 17:11	3.5 19/07/21 17:11	—	—
PO2 (from Blood Gas - read only)	—	12.2 19/07/21 17:11	12.2 19/07/21 17:11	—	—
Pulse	79	—	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

	-DS at 19/07/21 18:47				
Pulse source	Monitor	—	—	—	—
	-DS at 19/07/21 18:47				
Cardiac Rhythm	Normal sinus rhythm	—	—	—	—
	-DS at 19/07/21 18:47				
Arterial Line BP	98/56	—	—	—	—
	-DS at 19/07/21 18:47				
Arterial Line MAP (mmHg)	70 mmHg	—	—	—	—
	-DS at 19/07/21 18:47				
Temp	35.1 °C (95.2 °F)	—	—	—	—
	-DS at 19/07/21 18:48				
Temp src	Tympanic	—	—	—	—
	-DS at 19/07/21 18:48				
Bair Hugger on	No	—	—	—	—
	-DS at 19/07/21 18:48				
Eye Opening	None/Not able to obtain (eg eyes closed by swelling)	—	—	None/Not able to obtain (eg eyes closed by swelling)	None/Not able to obtain (eg eyes closed by swelling)
	-DS at 19/07/21 18:48			-DS at 19/07/21 18:48	-DS at 19/07/21 18:48
Best Verbal Response	None/Not able to obtain (eg ET or tracheostomy tube)	—	—	None/Not able to obtain (eg ET or tracheostomy tube)	None/Not able to obtain (eg ET or tracheostomy tube)
	-DS at 19/07/21 18:48			-DS at 19/07/21 18:48	-DS at 19/07/21 18:48
Best Motor Response	None	—	—	None	None
	-DS at 19/07/21 18:48			-DS at 19/07/21 18:48	-DS at 19/07/21 18:48
Glasgow Coma Scale Score	3	—	—	3	3
	-DS at 19/07/21 18:48			-DS at 19/07/21 18:48	-DS at 19/07/21 18:48
Level of consciousness	(!) Unresponsive	—	—	(!) Unresponsive	(!) Unresponsive
	-MA at 19/07/21 19:44			-MA at 19/07/21 19:44	-DS at 19/07/21 18:48
Reason Unresponsive	Comatose	—	—	Comatose	Comatose
	-MA at 19/07/21 19:44			-MA at 19/07/21 19:44	-DS at 19/07/21 18:48
Richmond Agitation Sedation Scale (RASS)	Unarousable	—	—	Unarousable	Unarousable
	-MA at 19/07/21 19:44			-MA at 19/07/21 19:44	-MA at 19/07/21 19:44
Feature 3: Altered Level of Consciousness	Positive	—	—	Positive	Positive
	-MA at 19/07/21 19:44			-MA at 19/07/21 19:44	-MA at 19/07/21 19:44
Pain Scale	—	—	—	Critical Care Pain Observation Tool	—
				-MA at 19/07/21 19:46	
Verbal pain scale at rest	—	—	—	Nil	—
				-MA at 19/07/21 19:46	
Verbal pain scale on movement	—	—	—	Nil	—
				-MA at 19/07/21 19:46	
Facial Expression	—	—	—	Relaxed, neutral	—
				-MA at 19/07/21 19:46	
Body Movements	—	—	—	Absence of movements or normal position	—
				-MA at 19/07/21 19:46	
Compliance with the Ventilator (Intubated Patients)	—	—	—	Tolerating ventilator or movement	—
				-MA at 19/07/21 19:46	
Vocalization (Extubated Patients)	—	—	—	Talking in normal tone or no sound	—
				-MA at 19/07/21 19:46	
Muscle Tension	—	—	—	Relaxed	—
				-MA at 19/07/21 19:46	
Critical-Care Pain Observation Score	—	—	—	0	—
				-MA at 19/07/21 19:46	
Pain	—	—	—	Medication (See	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Interventions		MAR)			
		-MA at 19/07/21 19:46			
IV Properties	Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Left -ADA, 18/07/21 04:40 Location: Antecubital -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -ADA, 18/07/21 04:40 Name of dressing applied: Semipermeable dressing -ADA, 18/07/21 04:40 Removal Date: 21/07/21 -ZS, 21/07/21 13:15 Removal Time: 13:15 -ZS, 21/07/21 13:15				
Row Name	19/07/21 15:00	19/07/21 14:45:01	19/07/21 14:45	19/07/21 14:00	19/07/21 13:00
Natural airway patent?	—	—	—	No -MA at 19/07/21 15:04	—
Airway LDA	—	—	—	Endotracheal tube -MA at 19/07/21 15:04	—
Abnormal airway sounds	—	—	—	N/A -MA at 19/07/21 15:04	—
Any airway obstruction?	—	—	—	N/A -MA at 19/07/21 15:04	—
ETT Properties	Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Secured at (cm)	—	—	—	23 cm -MA at 19/07/21 15:04	—
Measured from	—	—	—	Lips -MA at 19/07/21 15:04	—
Tube Position	—	—	—	Centre -MA at 19/07/21 15:04	—
Secured by	—	—	—	AnchorFast -MA at 19/07/21 15:04	—
Site Condition	—	—	—	Intact -MA at 19/07/21 15:04	—
Cuff Pressure	—	—	—	30 cm H2O -MA at 19/07/21 15:04	—
Cuff leak present	—	—	—	No -MA at 19/07/21 15:04	—
Airway Interventions	—	—	—	Airway suction -MA at 19/07/21 15:04	—
Suction Type	—	—	—	Endotracheal -MA at 19/07/21 15:04	—
Suction Device	—	—	—	Inline endotracheal catheter -MA at 19/07/21 15:04	—
Secretion Amount	—	—	—	None -MA at 19/07/21 15:04	—
Suction Type	—	—	—	Oral -MA at 19/07/21 15:04	—
Suction Device	—	—	—	Yankeur -MA at 19/07/21 15:04	—
Secretion Amount	—	—	—	Moderate -MA at 19/07/21 15:04	—
Secretion Colour	—	—	—	Clear -MA at 19/07/21 15:04	—
Secretion Consistency	—	—	—	Thin -MA at 19/07/21 15:04	—
Suction Tolerance	—	—	—	Tolerated well -MA at 19/07/21 15:04	—
Suctioning Adverse Effects	—	—	—	None -MA at 19/07/21 15:04	—
FiO2 (%)	—	—	—	—	25 % -DS at 19/07/21 13:01
O2 delivery device	—	—	—	—	Endotracheal tube -DS at 19/07/21 13:01
SpO2	—	—	—	—	97 % -DS at 19/07/21 13:00
ETCO2 (kPa)	—	—	—	—	6 kPa -DS at 19/07/21 13:00
Device Name	—	—	—	Servo-u -MA at 19/07/21 15:04	Servo-u -DS at 19/07/21 13:02
Vent Mode	—	—	—	Synchronised	Synchronised

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

				intermittent mandatory ventilation/pressure control -MA at 19/07/21 15:04	intermittent mandatory ventilation/pressure control -DS at 19/07/21 13:02
Resp Rate (Set)	—	—	—	<b>16</b> -MA at 19/07/21 15:04	<b>16</b> -DS at 19/07/21 13:02
Resp Rate Observed	—	—	—	<b>16</b> -MA at 19/07/21 15:04	<b>16</b> -DS at 19/07/21 13:02
PEEP achieved (cmH2O)	—	—	—	—	<b>4.7 cm H2O</b> -DS at 19/07/21 13:00
PEEP/CPAP set (cmH2O)	—	—	—	—	<b>5 cmH2O</b> -DS at 19/07/21 13:00
Pressure Support (cm H2O)	—	—	—	—	<b>10 cm H2O</b> -DS at 19/07/21 13:00
PC Set	—	—	—	—	<b>8</b> -DS at 19/07/21 13:00
Tidal Volume achieved (ml)	—	—	—	—	<b>320.8 mL</b> -DS at 19/07/21 13:00
Minute Ventilation (L/min)	—	—	—	—	<b>5.1 L/min</b> -DS at 19/07/21 13:00
I:E Ratio	—	—	—	—	<b>1:2</b> -DS at 19/07/21 13:02
Ppeak (cm H2O)	—	—	—	<b>13 cm H2O</b> -MA at 19/07/21 15:04	<b>13 cm H2O</b> -DS at 19/07/21 13:02
Pmean MAP (cmH2O)	—	—	—	—	<b>7.1 cm H2O</b> -DS at 19/07/21 13:00
Trigger Sensitivity Flow (L/min)	—	—	—	—	<b>1.41 L/min</b> -DS at 19/07/21 13:00
CO2 Water Trap Checked	—	—	—	<b>Yes</b> -MA at 19/07/21 15:04	—
Source (from Blood Gas - read only)	—	<b>Arterial</b> 19/07/21 14:45	<b>Arterial</b> 19/07/21 14:45	—	—
FiO2 (from Blood Gas - read only)	—	<b>25</b> 19/07/21 14:45	<b>25</b> 19/07/21 14:45	—	—
pH (from Blood Gas - read only)	—	<b>7.446</b> 19/07/21 14:45	<b>7.446</b> 19/07/21 14:45	—	—
PCO2 (from Blood Gas - read only)	—	<b>4.93</b> 19/07/21 14:45	<b>4.93</b> 19/07/21 14:45	—	—
PO2 (from Blood Gas - read only)	—	<b>(!) 15.7</b> 19/07/21 14:45	<b>15.7</b> 19/07/21 14:45	—	—
HCO3- (from Blood Gas - read only)	—	<b>25.8</b> 19/07/21 14:45	<b>25.8</b> 19/07/21 14:45	—	—
Base Excess (from Blood Gas - read only)	—	<b>1.4</b> 19/07/21 14:45	<b>1.4</b> 19/07/21 14:45	—	—
Total Hb (from Blood Gas - read only)	—	<b>125</b> 19/07/21 14:45	<b>125</b> 19/07/21 14:45	—	—
SaO2 (from Blood Gas - read only)	—	<b>98.5</b> 19/07/21 14:45	<b>98.5</b> 19/07/21 14:45	—	—
Oxyhaemoglobin (from Blood Gas - read only)	—	<b>97.7</b> 19/07/21 14:45	<b>97.7</b> 19/07/21 14:45	—	—
Carboxyhaemogl obin (from Blood Gas - read only)	—	<b>(!) 0</b> 19/07/21 14:45	<b>0</b> 19/07/21 14:45	—	—
Deoxyhaemoglo	—	<b>1.5</b> 19/07/21 14:45	<b>1.5</b> 19/07/21 14:45	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

bin (from Blood Gas - read only)					
Methaemoglobin (from Blood Gas - read only)	—	<b>0.8</b> 19/07/21 14:45	<b>0.8</b> 19/07/21 14:45	—	—
Haematocrit (from Blood Gas - read only)	—	<b>38.3</b> 19/07/21 14:45	<b>38.3</b> 19/07/21 14:45	—	—
Sodium (from Blood Gas - read only)	—	<b>(!) 154</b> 19/07/21 14:45	<b>154</b> 19/07/21 14:45	—	—
Potassium (from Blood Gas - read only)	—	<b>(!) 4.6</b> 19/07/21 14:45	<b>4.6</b> 19/07/21 14:45	—	—
Ionised Calcium (from Blood Gas - read only)	—	<b>1.14</b> 19/07/21 14:45	<b>1.14</b> 19/07/21 14:45	—	—
Chloride (from Blood Gas - read only)	—	<b>(!) 125</b> 19/07/21 14:45	<b>125</b> 19/07/21 14:45	—	—
Glucose (from Blood Gas - read only)	—	<b>(!) 6.8</b> 19/07/21 14:45	<b>6.8</b> 19/07/21 14:45	—	—
Lactate (from Blood Gas - read only)	—	<b>1</b> 19/07/21 14:45	<b>1</b> 19/07/21 14:45	—	—
Oxygen Content (from Blood Gas - read only)	—	<b>7.7</b> 19/07/21 14:45	<b>17.4</b> 19/07/21 14:45	—	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	<b>3.29</b> 19/07/21 14:45	<b>3.29</b> 19/07/21 14:45	—	—
PO2 (from Blood Gas - read only)	—	<b>(!) 15.7</b> 19/07/21 14:45	<b>15.7</b> 19/07/21 14:45	—	—
Pulse	—	—	—	—	<b>97</b> -DS at 19/07/21 13:00
Pulse source	—	—	—	<b>Monitor</b> -MA at 19/07/21 15:04	<b>Monitor</b> -DS at 19/07/21 13:03
Cardiac Rhythm	—	—	—	<b>Normal sinus rhythm</b> -MA at 19/07/21 15:04	<b>Normal sinus rhythm</b> -DS at 19/07/21 13:03
Arterial Line BP	—	—	—	—	<b>114/68</b> -DS at 19/07/21 13:00
Arterial Line MAP (mmHg)	—	—	—	—	<b>83 mmHg</b> -DS at 19/07/21 13:00
Temp	—	—	—	—	<b>36.7 °C (98.1 °F)</b> -DS at 19/07/21 13:04
Temp src	—	—	—	—	<b>Tympanic</b> -DS at 19/07/21 13:03
Bair Hugger on	—	—	—	—	<b>No</b> -DS at 19/07/21 13:03
Pacemaker	—	—	—	<b>No</b> -MA at 19/07/21 15:04	—
Eye Opening	—	—	—	—	<b>None/Not able to obtain (eg eyes closed by swelling)</b> -DS at 19/07/21 13:03
Best Verbal Response	—	—	—	—	<b>None/Not able to obtain (eg ET or tracheostomy tube)</b> -DS at 19/07/21 13:03
Best Motor Response	—	—	—	—	<b>None</b> -DS at 19/07/21 13:03
Glasgow Coma Scale Score	—	—	—	—	<b>3</b> -DS at 19/07/21 13:03
Level of	<b>(!) Unresponsive</b>	—	—	<b>(!) Unresponsive</b>	<b>(!) Unresponsive</b>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

consciousness	-DS at 19/07/21 18:48			-MA at 19/07/21 15:04	-DS at 19/07/21 13:03
Reason Unresponsive	<b>Comatose</b> -DS at 19/07/21 18:48	—	—	<b>Comatose</b> -MA at 19/07/21 15:04	<b>Comatose</b> -DS at 19/07/21 13:03
Richmond Agitation Sedation Scale (RASS)	<b>Unarousable</b> -MA at 19/07/21 19:44	—	—	<b>Unarousable</b> -MA at 19/07/21 15:04	<b>Unarousable</b> -DS at 19/07/21 13:03
R Pupil Size (mm)	—	—	—	<b>8</b> -MA at 19/07/21 15:04	—
R Pupil Reaction	—	—	—	<b>Nonreactive</b> -MA at 19/07/21 15:04	—
R Pupil Shape	—	—	—	<b>Round</b> -MA at 19/07/21 15:04	—
L Pupil Size (mm)	—	—	—	<b>8</b> -MA at 19/07/21 15:04	—
L Pupil Reaction	—	—	—	<b>Nonreactive</b> -MA at 19/07/21 15:04	—
L Pupil Shape	—	—	—	<b>Round</b> -MA at 19/07/21 15:04	—
Limb Power Assessment	—	—	—	<b>Yes</b> -MA at 19/07/21 15:04	—
Right upper limb power	—	—	—	<b>Nil</b> -MA at 19/07/21 15:04	—
Left upper limb power	—	—	—	<b>Nil</b> -MA at 19/07/21 15:04	—
Right lower limb power	—	—	—	<b>Nil</b> -MA at 19/07/21 15:04	—
Left lower limb power	—	—	—	<b>Nil</b> -MA at 19/07/21 15:04	—
Feature 3: Altered Level of Consciousness	<b>Positive</b> -MA at 19/07/21 19:44	—	—	<b>Positive</b> -MA at 19/07/21 15:04	<b>Positive</b> -DS at 19/07/21 13:03
Pain Scale	<b>Critical Care Pain Observation Tool</b> -MA at 19/07/21 19:46	—	—	—	<b>Critical Care Pain Observation Tool</b> -DS at 19/07/21 13:03
Verbal pain scale at rest	<b>Nil</b> -MA at 19/07/21 19:46	—	—	—	<b>Nil</b> -DS at 19/07/21 13:03
Verbal pain scale on movement	<b>Nil</b> -MA at 19/07/21 19:46	—	—	—	<b>Nil</b> -DS at 19/07/21 13:03
Facial Expression	<b>Relaxed, neutral</b> -MA at 19/07/21 19:46	—	—	—	<b>Relaxed, neutral</b> -DS at 19/07/21 13:03
Body Movements	<b>Absence of movements or normal position</b> -MA at 19/07/21 19:46	—	—	—	<b>Absence of movements or normal position</b> -DS at 19/07/21 13:03
Compliance with the Ventilator (Intubated Patients)	<b>Tolerating ventilator or movement</b> -MA at 19/07/21 19:46	—	—	—	<b>Tolerating ventilator or movement</b> -DS at 19/07/21 13:03
Vocalization (Extubated Patients)	<b>Talking in normal tone or no sound</b> -MA at 19/07/21 19:46	—	—	—	<b>Talking in normal tone or no sound</b> -DS at 19/07/21 13:03
Muscle Tension	<b>Relaxed</b> -MA at 19/07/21 19:46	—	—	—	<b>Relaxed</b> -DS at 19/07/21 13:03
Critical-Care Pain Observation Score	<b>0</b> -MA at 19/07/21 19:46	—	—	—	<b>0</b> -DS at 19/07/21 13:03
Pain Interventions	<b>Medication (See MAR)</b> -MA at 19/07/21 19:46	—	—	—	<b>Medication (See MAR)</b> -DS at 19/07/21 13:03
Communication Needs	—	—	—	<b>None</b> -MA at 19/07/21 15:04	—
Faecal devices	—	—	—	<b>None</b> -MA at 19/07/21 15:04	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Bowel Opened?	—	—	—	No -MA at 19/07/21 15:04	—
All pressure areas observed	—	—	—	—	Yes -MA at 19/07/21 15:04
Head	—	—	—	—	Intact -MA at 19/07/21 15:04
Left Shoulder	—	—	—	—	Intact -MA at 19/07/21 15:04
Right Shoulder	—	—	—	—	Intact -MA at 19/07/21 15:04
Left Elbow	—	—	—	—	Intact -MA at 19/07/21 15:04
Right Elbow	—	—	—	—	Intact -MA at 19/07/21 15:04
Left Hip	—	—	—	—	Intact -MA at 19/07/21 15:04
Right Hip	—	—	—	—	Intact -MA at 19/07/21 15:04
Left Heel	—	—	—	—	Intact -MA at 19/07/21 15:04
Right Heel	—	—	—	—	Intact -MA at 19/07/21 15:04
Left Buttock	—	—	—	—	Intact -MA at 19/07/21 15:04
Right Buttock	—	—	—	—	Intact -MA at 19/07/21 15:04
Sacrum	—	—	—	—	Intact -MA at 19/07/21 15:04
Face	—	—	—	—	Yes -MA at 19/07/21 15:04
Right Cheek	—	—	—	—	Intact -MA at 19/07/21 15:04
Left Cheek	—	—	—	—	Intact -MA at 19/07/21 15:04
Right Ear	—	—	—	—	Intact -MA at 19/07/21 15:04
Left Ear	—	—	—	—	Intact -MA at 19/07/21 15:04
Nose	—	—	—	—	Intact -MA at 19/07/21 15:04
Forehead	—	—	—	—	Intact -MA at 19/07/21 15:04
Chin	—	—	—	—	Intact -MA at 19/07/21 15:04
VAC Dressing/Complex Dressing	—	—	—	—	No -MA at 19/07/21 15:04
SEM Scanner Readings	—	—	—	—	No -MA at 19/07/21 15:04
Surface	—	—	—	—	Standard Evolution mattress -MA at 19/07/21 15:04
Reposition	—	—	—	—	Bed - Upright > 40 degrees -MA at 19/07/21 15:04
Positioning Frequency	—	—	—	—	4 hourly -MA at 19/07/21 15:04
Analgesia Required	—	—	—	—	No -MA at 19/07/21 15:04
Patient clean and dry	—	—	—	—	Yes -MA at 19/07/21 15:04
SSKIN Interventions	—	—	—	—	Turn prescription in progress;Heels elevated with pillows -MA at 19/07/21 15:04
Lid closure assessment	—	—	—	—	Grade 0 - eyelids close well (or patient blinking)

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

					normally) -MA at 19/07/21 15:04
Eye care actions	—	—	—	—	Cleaned -MA at 19/07/21 15:04
History of Falls	—	—	—	—	None -MA at 19/07/21 15:04
Mobility / Gait / Footwear Risk Factors	—	—	—	—	None -MA at 19/07/21 15:04
Mental State Risk Factors	—	—	—	—	Brain Impairment -MA at 19/07/21 15:04
Medication and BP Risk Factors	—	—	—	—	On any medication that may affect their balance -MA at 19/07/21 15:04
Is there a lying standing BP deficit?	—	—	—	—	<b>(!) Not done (state rational) – comments</b> -MA at 19/07/21 15:04
Vision Risk Factors	—	—	—	—	None -MA at 19/07/21 15:04
Bedside Area Risk Factors	—	—	—	—	Enhanced Therapeutic Observation -MA at 19/07/21 15:04
Patient fell on ward or in the hospital	—	—	—	—	No (please comment) -MA at 19/07/21 15:04
Turning Patient in Bed - Help Needed?	—	—	—	—	Yes -MA at 19/07/21 15:04
Number of Staff Required?	—	—	—	—	3 -MA at 19/07/21 15:04
Equipment Needed & Further Information	—	—	—	—	sliding sheet -MA at 19/07/21 15:04
Moving Patient Up and Down the Bed - Help Needed?	—	—	—	—	Yes -MA at 19/07/21 15:04
Number of Staff Required?	—	—	—	—	3 -MA at 19/07/21 15:04
Equipment Needed & Further Information	—	—	—	—	sliding sheet -MA at 19/07/21 15:04
Patient Showering & Bathing - Help Needed?	—	—	—	—	Yes -MA at 19/07/21 15:04
Patient Showering & Bathing- No. of Staff Required	—	—	—	—	3 -MA at 19/07/21 15:04
Equipment Needed & Further Information	—	—	—	—	sliding sheet -MA at 19/07/21 15:04
Is the Patient Frail or have Complex Needs	—	—	—	—	Complex Needs Patient -MA at 19/07/21 15:04
Morning family introduction call	—	—	—	—	Not appropriate -MA at 19/07/21 15:04
IV Properties	Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Left -ADA, 18/07/21 04:40 Location: Antecubital -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -				

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

ADA, 18/07/21 04:40 Name of dressing applied: Semipermeable dressing -ADA, 18/07/21 04:40  
Removal Date: 21/07/21 -ZS, 21/07/21 13:15 Removal Time: 13:15 -ZS, 21/07/21 13:15

Row Name	19/07/21 12:54:01	19/07/21 12:54	19/07/21 12:00	19/07/21 11:00	19/07/21 10:07
ETT Properties	Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
FiO2 (%)	—	—	25 % -DS at 19/07/21 12:06	25 % -DS at 19/07/21 11:58	—
O2 delivery device	—	—	Endotracheal tube -DS at 19/07/21 12:06	Endotracheal tube -DS at 19/07/21 11:58	—
SpO2	—	—	95 % -DS at 19/07/21 12:04	—	—
Resp	—	—	14 -DS at 19/07/21 12:06	14 -DS at 19/07/21 11:58	—
ETCO2 (kPa)	—	—	6.1 kPa -DS at 19/07/21 12:04	—	—
Device Name	—	—	Servo-u -DS at 19/07/21 12:06	—	—
Vent Mode	—	—	Synchronised intermittent mandatory ventilation/pressure control -DS at 19/07/21 12:06	—	—
Resp Rate (Set)	—	—	14 -DS at 19/07/21 12:06	—	—
Resp Rate Observed	—	—	14 -DS at 19/07/21 12:06	—	—
PEEP achieved (cmH2O)	—	—	4.6 cm H2O -DS at 19/07/21 12:04	—	—
PEEP/CPAP set (cmH2O)	—	—	5 cmH2O -DS at 19/07/21 12:04	—	—
Pressure Support (cm H2O)	—	—	10 cm H2O -DS at 19/07/21 12:04	—	—
PC Set	—	—	8 -DS at 19/07/21 12:04	—	—
Tidal Volume achieved (ml)	—	—	314.6 mL -DS at 19/07/21 12:04	—	—
Minute Ventilation (L/min)	—	—	4.4 L/min -DS at 19/07/21 12:04	—	—
I:E Ratio	—	—	1:2 -DS at 19/07/21 12:06	1:2 -DS at 19/07/21 11:58	—
Ppeak (cm H2O)	—	—	13 cm H2O -DS at 19/07/21 12:06	—	—
Pmean MAP (cmH2O)	—	—	6.8 cm H2O -DS at 19/07/21 12:04	—	—
Trigger Sensitivity Flow (L/min)	—	—	1.41 L/min -DS at 19/07/21 12:04	—	—
Source (from Blood Gas - read only)	Arterial 19/07/21 12:54	Arterial 19/07/21 12:54	—	—	Arterial 19/07/21 10:07
FiO2 (from Blood Gas - read only)	25 19/07/21 12:54	25 19/07/21 12:54	—	—	25 19/07/21 10:07
pH (from Blood Gas - read only)	7.372 19/07/21 12:54	7.372 19/07/21 12:54	—	—	(!) 7.477 19/07/21 10:07
PCO2 (from Blood Gas - read only)	5.99 19/07/21 12:54	5.99 19/07/21 12:54	—	—	(!) 4.2 19/07/21 10:07
PO2 (from Blood Gas - read only)	(!) 13.4 19/07/21 12:54	13.4 19/07/21 12:54	—	—	(!) 14.8 19/07/21 10:07
HCO3- (from	24.8	24.8	—	—	24.8

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Blood Gas - read only)	19/07/21 12:54	19/07/21 12:54			19/07/21 10:07
Base Excess (from Blood Gas - read only)	<b>0.8</b>	<b>0.8</b>	—	—	<b>-0.3</b>
Total Hb (from Blood Gas - read only)	<b>128</b>	<b>128</b>	—	—	<b>133</b>
SaO2 (from Blood Gas - read only)	<b>97.8</b>	<b>97.8</b>	—	—	<b>98</b>
Oxyhaemoglobin (from Blood Gas - read only)	<b>96.5</b>	<b>96.5</b>	—	—	<b>96.5</b>
Carboxyhaemoglobin (from Blood Gas - read only)	<b>(!) 0.2</b>	<b>0.2</b>	—	—	<b>0.5</b>
Deoxyhaemoglobin (from Blood Gas - read only)	<b>2.2</b>	<b>2.2</b>	—	—	<b>2</b>
Methaemoglobin (from Blood Gas - read only)	<b>1.1</b>	<b>1.1</b>	—	—	<b>1</b>
Haematocrit (from Blood Gas - read only)	<b>39.2</b>	<b>39.2</b>	—	—	<b>40.6</b>
Sodium (from Blood Gas - read only)	<b>(!) 156</b>	<b>156</b>	—	—	<b>(!) 154</b>
Potassium (from Blood Gas - read only)	<b>3.8</b>	<b>3.8</b>	—	—	<b>3.8</b>
Ionised Calcium (from Blood Gas - read only)	<b>1.16</b>	<b>1.16</b>	—	—	<b>1.16</b>
Chloride (from Blood Gas - read only)	<b>(!) 124</b>	<b>124</b>	—	—	<b>(!) 127</b>
Glucose (from Blood Gas - read only)	<b>(!) 7.5</b>	<b>7.5</b>	—	—	<b>(!) 11.1</b>
Lactate (from Blood Gas - read only)	<b>0.7</b>	<b>0.7</b>	—	—	<b>0.8</b>
Oxygen Content (from Blood Gas - read only)	<b>7.8</b>	<b>17.5</b>	—	—	<b>8.1</b>
O2 Tension at 50% saturation (from Blood Gas - read only)	<b>3.64</b>	<b>3.64</b>	—	—	<b>3.11</b>
PO2 (from Blood Gas - read only)	<b>(!) 13.4</b>	<b>13.4</b>	—	—	<b>(!) 14.8</b>
Pulse	—	—	<b>97</b>	<b>95</b>	—
			-DS at 19/07/21 12:04	-DS at 19/07/21 11:58	
Pulse source	—	—	<b>Monitor</b>	<b>Monitor</b>	—
			-DS at 19/07/21 12:06	-DS at 19/07/21 12:01	
Cardiac Rhythm	—	—	<b>Normal sinus rhythm</b>	<b>Normal sinus rhythm</b>	—
			-DS at 19/07/21 12:06	-DS at 19/07/21 12:01	
Arterial Line BP	—	—	<b>100/56</b>	<b>102/61</b>	—
			-DS at 19/07/21 12:04	-DS at 19/07/21 11:58	
Arterial Line MAP (mmHg)	—	—	<b>70 mmHg</b>	<b>73 mmHg</b>	—
			-DS at 19/07/21 12:04	-DS at 19/07/21 11:58	
Temp	—	—	<b>37.1 °C (98.8 °F)</b>	<b>37.4 °C (99.3 °F)</b>	—
			-DS at 19/07/21 12:06	-DS at 19/07/21 12:01	

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Temp src	—	—	Tympanic -DS at 19/07/21 12:06	Tympanic -DS at 19/07/21 12:01	—
Bair Hugger on	—	—	No -DS at 19/07/21 12:06	No -DS at 19/07/21 12:01	—
Eye Opening	—	—	None/Not able to obtain (eg eyes closed by swelling) -DS at 19/07/21 12:06	None/Not able to obtain (eg eyes closed by swelling) -DS at 19/07/21 12:01	—
Best Verbal Response	—	—	None/Not able to obtain (eg ET or tracheostomy tube) -DS at 19/07/21 12:06	None/Not able to obtain (eg ET or tracheostomy tube) -DS at 19/07/21 12:01	—
Best Motor Response	—	—	None -DS at 19/07/21 12:06	None -DS at 19/07/21 12:01	—
Glasgow Coma Scale Score	—	—	3 -DS at 19/07/21 12:06	3 -DS at 19/07/21 12:01	—
Level of consciousness	—	—	(!) Unresponsive -DS at 19/07/21 12:06	(!) Unresponsive -DS at 19/07/21 12:01	—
Reason Unresponsive	—	—	Comatose -DS at 19/07/21 12:06	Comatose -DS at 19/07/21 12:01	—
Richmond Agitation Sedation Scale (RASS)	—	—	Unarousable -DS at 19/07/21 12:06	Unarousable -DS at 19/07/21 12:01	—
Feature 3: Altered Level of Consciousness	—	—	Positive -DS at 19/07/21 12:06	Positive -DS at 19/07/21 12:01	—
Pain Scale	—	—	—	Critical Care Pain Observation Tool -DS at 19/07/21 12:01	—
Verbal pain scale at rest	—	—	—	Nil -DS at 19/07/21 12:01	—
Verbal pain scale on movement	—	—	—	Nil -DS at 19/07/21 12:01	—
Facial Expression	—	—	—	Relaxed, neutral -DS at 19/07/21 12:01	—
Body Movements	—	—	—	Absence of movements or normal position -DS at 19/07/21 12:01	—
Compliance with the Ventilator (Intubated Patients)	—	—	—	Tolerating ventilator or movement -DS at 19/07/21 12:01	—
Vocalization (Extubated Patients)	—	—	—	Talking in normal tone or no sound -DS at 19/07/21 12:01	—
Muscle Tension	—	—	—	Relaxed -DS at 19/07/21 12:01	—
Critical-Care Pain Observation Score	—	—	—	0 -DS at 19/07/21 12:01	—
Pain Interventions	—	—	—	Medication (See MAR) -DS at 19/07/21 12:01	—
IV Properties	Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Left -ADA, 18/07/21 04:40 Location: Antecubital -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -ADA, 18/07/21 04:40 Name of dressing applied: Semipermeable dressing -ADA, 18/07/21 04:40 Removal Date: 21/07/21 -ZS, 21/07/21 13:15 Removal Time: 13:15 -ZS, 21/07/21 13:15				
<b>Row Name</b>	<b>19/07/21 10:00</b>	<b>19/07/21 09:00</b>	<b>19/07/21 08:00</b>	<b>19/07/21 07:20</b>	<b>19/07/21 06:20</b>
Natural airway patent?	—	No -DS at 19/07/21 10:17	—	—	—
Airway LDA	—	Endotracheal tube -DS at 19/07/21 10:17	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

ETT Properties	Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Secured at (cm)	—	23 cm	—	—	—
		-DS at 19/07/21 10:17			
Measured from	—	Lips	—	—	—
		-DS at 19/07/21 10:17			
Tube Position	—	Centre	—	—	—
		-DS at 19/07/21 10:17			
Secured by	—	AnchorFast	—	—	—
		-DS at 19/07/21 10:17			
Cuff Pressure	—	30 cm H2O	—	—	—
		-DS at 19/07/21 10:17			
Cuff leak present	—	No	—	—	—
		-DS at 19/07/21 10:17			
Airway Interventions	—	Airway suction	—	—	—
		-DS at 19/07/21 10:17			
Manoeuvres	—	Reposition	—	—	—
		-DS at 19/07/21 10:17			
Suction Type	—	Endotracheal	—	—	—
		-DS at 19/07/21 10:17			
Suction Device	—	Inline endotracheal catheter	—	—	—
		-DS at 19/07/21 10:17			
Secretion Amount	—	None	—	—	—
		-DS at 19/07/21 10:17			
Suction Type	Oral	—	—	—	—
	-DS at 19/07/21 10:32				
Suction Device	Yankeur	—	—	—	—
	-DS at 19/07/21 10:32				
Secretion Amount	Moderate	—	—	—	—
	-DS at 19/07/21 10:32				
Secretion Colour	Clear	—	—	—	—
	-DS at 19/07/21 10:32				
Secretion Consistency	Thin	—	—	—	—
	-DS at 19/07/21 10:32				
Suction Tolerance	Tolerated well	—	—	—	—
	-DS at 19/07/21 10:32				
Suctioning Adverse Effects	None	—	—	—	—
	-DS at 19/07/21 10:32				
FiO2 (%)	25 %	25 %	—	—	—
	-DS at 19/07/21 10:31	-DS at 19/07/21 10:17			
O2 delivery device	Endotracheal tube	Endotracheal tube	—	—	—
	-DS at 19/07/21 10:31	-DS at 19/07/21 10:17			
SpO2	97 %	95 %	—	—	—
	-DS at 19/07/21 10:17	-DS at 19/07/21 10:17			
Resp	16	16	—	—	—
	-DS at 19/07/21 10:31	-DS at 19/07/21 10:31			
ETCO2 (kPa)	4.4 kPa	5 kPa	—	—	—
	-DS at 19/07/21 10:17	-DS at 19/07/21 10:17			
Device Name	Servo-u	Servo-u	Servo-u	—	—
	-DS at 19/07/21 10:31	-DS at 19/07/21 10:31	-DS at 19/07/21 10:31		
Vent Mode	Synchronised intermittent mandatory ventilation/pressure control	Synchronised intermittent mandatory ventilation/pressure control	—	—	—
	-DS at 19/07/21 10:31	-DS at 19/07/21 10:31			
Resp Rate (Set)	16	16	—	—	—
	-DS at 19/07/21 10:31	-DS at 19/07/21 10:31			
Resp Rate Observed	16	16	—	—	—
	-DS at 19/07/21 10:31	-DS at 19/07/21 10:31			
PEEP achieved (cmH2O)	4.8 cm H2O	4.7 cm H2O	—	—	—
	-DS at 19/07/21 10:17	-DS at 19/07/21 10:17			
PEEP/CPAP set (cmH2O)	5 cmH2O	5 cmH2O	—	—	—
	-DS at 19/07/21 10:17	-DS at 19/07/21 10:17			

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Pressure Support (cm H2O)	10 cm H2O -DS at 19/07/21 10:17	10 cm H2O -DS at 19/07/21 10:17	—	—	—
PC Set	10 -DS at 19/07/21 10:17	10 -DS at 19/07/21 10:17	—	—	—
Tidal Volume achieved (ml)	411.2 mL -DS at 19/07/21 10:17	371.4 mL -DS at 19/07/21 10:17	—	—	—
Minute Ventilation (L/min)	6.6 L/min -DS at 19/07/21 10:17	5.9 L/min -DS at 19/07/21 10:17	—	—	—
I:E Ratio	1:2 -DS at 19/07/21 10:31	1:2 -DS at 19/07/21 10:31	—	—	—
Ppeak (cm H2O)	15 cm H2O -DS at 19/07/21 10:31	15 cm H2O -DS at 19/07/21 10:31	—	—	—
Pmean MAP (cmH2O)	7.7 cm H2O -DS at 19/07/21 10:17	7.6 cm H2O -DS at 19/07/21 10:17	—	—	—
Trigger Sensitivity Flow (L/min)	1.41 L/min -DS at 19/07/21 10:17	1.41 L/min -DS at 19/07/21 10:17	—	—	—
Source (from Blood Gas - read only)	—	—	—	Arterial 19/07/21 07:20	Arterial 19/07/21 06:20
FiO2 (from Blood Gas - read only)	—	—	—	25 19/07/21 07:20	25 19/07/21 06:20
pH (from Blood Gas - read only)	—	—	—	7.438 19/07/21 07:20	7.442 19/07/21 06:20
PCO2 (from Blood Gas - read only)	—	—	—	(!) 4.65 19/07/21 07:20	(!) 4.51 19/07/21 06:20
PO2 (from Blood Gas - read only)	—	—	—	(!) 14.4 19/07/21 07:20	(!) 14.9 19/07/21 06:20
HCO3- (from Blood Gas - read only)	—	—	—	24.2 19/07/21 07:20	24 19/07/21 06:20
Base Excess (from Blood Gas - read only)	—	—	—	-0.7 19/07/21 07:20	-1.1 19/07/21 06:20
Total Hb (from Blood Gas - read only)	—	—	—	131 19/07/21 07:20	138 19/07/21 06:20
SaO2 (from Blood Gas - read only)	—	—	—	98.1 19/07/21 07:20	97.6 19/07/21 06:20
Oxyhaemoglobin (from Blood Gas - read only)	—	—	—	96.6 19/07/21 07:20	96.1 19/07/21 06:20
Carboxyhaemoglobin (from Blood Gas - read only)	—	—	—	0.7 19/07/21 07:20	0.5 19/07/21 06:20
Deoxyhaemoglobin (from Blood Gas - read only)	—	—	—	1.9 19/07/21 07:20	2.4 19/07/21 06:20
Methaemoglobin (from Blood Gas - read only)	—	—	—	0.8 19/07/21 07:20	1 19/07/21 06:20
Haematocrit (from Blood Gas - read only)	—	—	—	40.1 19/07/21 07:20	42.1 19/07/21 06:20
Sodium (from Blood Gas - read only)	—	—	—	(!) 157 19/07/21 07:20	(!) 154 19/07/21 06:20
Potassium (from Blood Gas - read only)	—	—	—	3.9 19/07/21 07:20	(!) 3.3 19/07/21 06:20
Ionised Calcium	—	—	—	1.23	1.24

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

(from Blood Gas - read only)				19/07/21 07:20	19/07/21 06:20
Chloride (from Blood Gas - read only)	—	—	—	<b>(!) 127</b> 19/07/21 07:20	<b>(!) 127</b> 19/07/21 06:20
Glucose (from Blood Gas - read only)	—	—	—	<b>(!) 10</b> 19/07/21 07:20	<b>(!) 8.9</b> 19/07/21 06:20
Lactate (from Blood Gas - read only)	—	—	—	<b>0.7</b> 19/07/21 07:20	<b>0.9</b> 19/07/21 06:20
Oxygen Content (from Blood Gas - read only)	—	—	—	<b>8</b> 19/07/21 07:20	<b>8.4</b> 19/07/21 06:20
O2 Tension at 50% saturation (from Blood Gas - read only)	—	—	—	<b>3.37</b> 19/07/21 07:20	<b>3.21</b> 19/07/21 06:20
PO2 (from Blood Gas - read only)	—	—	—	<b>(!) 14.4</b> 19/07/21 07:20	<b>(!) 14.9</b> 19/07/21 06:20
Ventilated patient?	—	<b>Yes</b> -DS at 19/07/21 10:31	—	—	—
Respiratory Pattern	—	<b>Normal</b> -DS at 19/07/21 10:31	—	—	—
Respiratory Depth/Rhythm	—	<b>Regular</b> -DS at 19/07/21 10:31	—	—	—
Increasing respiratory effort?	—	<b>No</b> -DS at 19/07/21 10:31	—	—	—
Chest Assessment	—	<b>Chest expansion asymmetrical</b> -DS at 19/07/21 10:31	—	—	—
Bilateral Air Entry?	—	<b>Yes</b> -DS at 19/07/21 10:31	—	—	—
Left Upper Auscultation	—	<b>Clear</b> -DS at 19/07/21 10:31	—	—	—
Left Lower Auscultation	—	<b>Clear</b> -DS at 19/07/21 10:31	—	—	—
Right Upper Auscultation	—	<b>Clear</b> -DS at 19/07/21 10:31	—	—	—
Right Lower Auscultation	—	<b>Clear</b> -DS at 19/07/21 10:31	—	—	—
Cough (spontaneous/na tural cough)	—	<b>None</b> -DS at 19/07/21 10:31	—	—	—
Pulse	<b>93</b> -DS at 19/07/21 10:17	<b>95</b> -DS at 19/07/21 10:17	—	—	—
Pulse source	<b>Monitor</b> -DS at 19/07/21 10:31	<b>Monitor</b> -DS at 19/07/21 10:31	—	—	—
Cardiac Rhythm	<b>Normal sinus rhythm</b> -DS at 19/07/21 10:31	<b>Normal sinus rhythm</b> -DS at 19/07/21 10:31	—	—	—
Arterial Line BP	<b>94/53</b> -DS at 19/07/21 10:31	<b>97/56</b> -DS at 19/07/21 10:17	—	—	—
Arterial Line MAP (mmHg)	<b>65 mmHg</b> -DS at 19/07/21 10:31	<b>68 mmHg</b> -DS at 19/07/21 10:17	—	—	—
Temp	<b>36.8 °C (98.2 °F)</b> -DS at 19/07/21 10:31	<b>38 °C (100.4 °F)</b> -DS at 19/07/21 10:31	—	—	—
Temp src	<b>Tympanic</b> -DS at 19/07/21 10:31	<b>Tympanic</b> -DS at 19/07/21 10:31	—	—	—
Bair Hugger on	<b>No</b> -DS at 19/07/21 10:31	<b>Yes</b> -DS at 19/07/21 10:31	—	—	—
Skin Colour	—	<b>Appropriate for ethnicity</b> -DS at 19/07/21 10:31	—	—	—
Skin	—	<b>Warm</b>	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Condition/Temp		-DS at 19/07/21 10:31			
Cyanosis	—	None	—	—	—
Capillary Refill - Peripheral	—	3 seconds	—	—	—
Capillary Refill - Central	—	Less than/equal to 3 seconds	—	—	—
Oedema	—	None	—	—	—
Anti-Embolism Stockings (TEDS)	—	On	—	—	—
Anti-embolism stockings	—	Knee length (Left);Knee length (Right)	—	—	—
Skin Intact	—	Yes	—	—	—
Eye Opening	None/Not able to obtain (eg eyes closed by swelling)	None/Not able to obtain (eg eyes closed by swelling)	—	—	—
Best Verbal Response	None/Not able to obtain (eg ET or tracheostomy tube)	None/Not able to obtain (eg ET or tracheostomy tube)	—	—	—
Best Motor Response	None	None	—	—	—
Glasgow Coma Scale Score	3	3	—	—	—
Level of consciousness	(!) Unresponsive	(!) Unresponsive	—	—	—
Reason Unresponsive	Comatose	Comatose	—	—	—
Richmond Agitation Sedation Scale (RASS)	Unarousable	Unarousable	—	—	—
R Pupil Size (mm)	8	8	—	—	—
R Pupil Reaction	Nonreactive	Nonreactive	—	—	—
R Pupil Shape	Round	Round	—	—	—
L Pupil Size (mm)	8	8	—	—	—
L Pupil Reaction	Nonreactive	Nonreactive	—	—	—
Limb Power Assessment	Yes	Yes	—	—	—
Right upper limb power	Nil	Nil	—	—	—
Left upper limb power	Nil	Nil	—	—	—
Right lower limb power	Nil	Nil	—	—	—
Left lower limb power	Nil	Nil	—	—	—
Neuro Symptoms	—	None	—	—	—
Feature 3: Altered Level of Consciousness	Positive	Positive	—	—	—
Pain Scale	—	Critical Care Pain Observation Tool	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

			-DS at 19/07/21 10:31			
Verbal pain scale at rest	—	Nil	—	—	—	—
			-DS at 19/07/21 10:31			
Verbal pain scale on movement	—	Nil	—	—	—	—
			-DS at 19/07/21 10:31			
Facial Expression	—	Relaxed, neutral	—	—	—	—
			-DS at 19/07/21 10:31			
Body Movements	—	Absence of movements or normal position	—	—	—	—
			-DS at 19/07/21 10:31			
Compliance with the Ventilator (Intubated Patients)	—	Tolerating ventilator or movement	—	—	—	—
			-DS at 19/07/21 10:31			
Vocalization (Extubated Patients)	—	Talking in normal tone or no sound	—	—	—	—
			-DS at 19/07/21 10:31			
Muscle Tension	—	Relaxed	—	—	—	—
			-DS at 19/07/21 10:31			
Critical-Care Pain Observation Score	—	0	—	—	—	—
			-DS at 19/07/21 10:31			
Pain Interventions	—	Medication (See MAR)	—	—	—	—
			-DS at 19/07/21 10:31			
Abdomen Inspection	—	Soft;Nondistended	—	—	—	—
			-DS at 19/07/21 10:31			
Bowel Sounds (All Quadrants)	—	Present	—	—	—	—
			-DS at 19/07/21 10:31			
Passing Flatus	—	No	—	—	—	—
			-DS at 19/07/21 10:31			
Faecal devices	—	None	—	—	—	—
			-DS at 19/07/21 10:31			
Bowel Opened?	—	No	—	—	—	—
			-DS at 19/07/21 10:31			
Urinary Incontinence	—	No	—	—	—	—
			-DS at 19/07/21 10:31			
Urine Colour	—	Yellow/straw	—	—	—	—
			-DS at 19/07/21 10:31			
Urine Appearance	—	Clear	—	—	—	—
			-DS at 19/07/21 10:31			
Urine Odour	—	Unable to assess	—	—	—	—
			-DS at 19/07/21 10:31			
All pressure areas observed	—	Yes	—	—	—	—
			-DS at 19/07/21 10:31			
Head	—	Intact	—	—	—	—
			-DS at 19/07/21 10:31			
Left Shoulder	—	Intact	—	—	—	—
			-DS at 19/07/21 10:31			
Right Shoulder	—	Intact	—	—	—	—
			-DS at 19/07/21 10:31			
Left Elbow	—	Intact	—	—	—	—
			-DS at 19/07/21 10:31			
Right Elbow	—	Intact	—	—	—	—
			-DS at 19/07/21 10:31			
Left Hip	—	Intact	—	—	—	—
			-DS at 19/07/21 10:31			
Right Hip	—	Intact	—	—	—	—
			-DS at 19/07/21 10:31			
Left Heel	—	Intact	—	—	—	—
			-DS at 19/07/21 10:31			
Right Heel	—	Intact	—	—	—	—
			-DS at 19/07/21 10:31			
Face	—	Yes	—	—	—	—
			-DS at 19/07/21 10:31			

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Right Cheek	—	Intact -DS at 19/07/21 10:31	—	—	—
Left Cheek	—	Intact -DS at 19/07/21 10:31	—	—	—
Right Ear	—	Intact -DS at 19/07/21 10:31	—	—	—
Left Ear	—	Intact -DS at 19/07/21 10:31	—	—	—
Nose	—	Intact -DS at 19/07/21 10:31	—	—	—
Forehead	—	Intact -DS at 19/07/21 10:31	—	—	—
Chin	—	Intact -DS at 19/07/21 10:31	—	—	—
VAC Dressing/Complex Dressing	—	No -DS at 19/07/21 10:31	—	—	—
Surface	—	Standard Evolution mattress -DS at 19/07/21 10:31	—	—	—
Reposition	—	Bed - Flat -DS at 19/07/21 10:31	—	—	—
Positioning Frequency	—	Medically assessed to sick to turn -DS at 19/07/21 10:31	—	—	—
Patient clean and dry	—	Yes -DS at 19/07/21 10:31	—	—	—
Diet	—	Outside normal limits -DS at 19/07/21 10:31	—	—	—
Nutrition	—	Very poor -DS at 19/07/21 10:31	—	—	—
Diet	—	Nil by mouth -DS at 19/07/21 10:31	—	—	—
Requires dietitian review	—	Yes (Comment) -DS at 19/07/21 10:31	—	—	—
SSKIN Interventions	—	Heels elevated with pillows;Barrier creams -DS at 19/07/21 10:31	—	—	—
Lid closure assessment	—	Grade 0 - eyelids close well (or patient blinking normally) -DS at 19/07/21 10:31	—	—	—
Eye care actions	—	Cleaned -DS at 19/07/21 10:31	—	—	—
History of Falls	—	None -DS at 19/07/21 10:31	—	—	—
Mobility / Gait / Footwear Risk Factors	—	None -DS at 19/07/21 10:31	—	—	—
Falls Prevention Aids	—	Bed rails -DS at 19/07/21 10:31	—	—	—
Patient physically and cognitively able to use the call bell?	—	No - requires 30 mins contact -DS at 19/07/21 10:31	—	—	—
Are environmental measures required to reduce the risk of falls?	—	Bed lowest height possible -DS at 19/07/21 10:31	—	—	—
Does the patient require bed or	—	Both sides -DS at 19/07/21 10:31	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

trolley rails?	—	No	—	—	—
Patient displaying any behaviours that may increase risk of falling?	—	No	—	—	—
		-DS at 19/07/21 10:31			
Patient aware of falls risk and agreed to planned interventions?	—	No	—	—	—
		-DS at 19/07/21 10:31			
Damp dusting	—	Yes	—	—	—
		-DS at 19/07/21 10:31			
Disposable equipment in date	—	Yes	—	—	—
		-DS at 19/07/21 10:31			
Spare oral airways	—	Yes	—	—	—
		-DS at 19/07/21 10:31			
Oxygen and suction working	—	Yes	—	—	—
		-DS at 19/07/21 10:31			
Rebreath and Ambu bag available	—	Yes	—	—	—
		-DS at 19/07/21 10:31			
Visor/Goggles at bedside	—	Yes	—	—	—
		-DS at 19/07/21 10:31			
Spare oxygen cylinder	—	Yes	—	—	—
		-DS at 19/07/21 10:31			
Spare trachy inner tubes/dilator	—	N/A	—	—	—
		-DS at 19/07/21 10:31			
Suction equipment available	—	Yes	—	—	—
		-DS at 19/07/21 10:31			
Monitor alarms appropriate	—	Yes	—	—	—
		-DS at 19/07/21 10:31			
Ventilator alarms appropriate	—	Yes	—	—	—
		-DS at 19/07/21 10:31			
Transducer	—	Transducer/s re-zeroed	—	—	—
		-DS at 19/07/21 10:31			
Medications/MAR	—	Prescriptions/dosages checked and correct; Allergies checked and documented; Giving sets/lines in date; Discontinued infusions "stopped" on MAR	—	—	—
		-DS at 19/07/21 10:31			
Nutrition status assessed?	—	No - requires dietitian input	—	—	—
		-DS at 19/07/21 10:31			
Resus status up to date	—	Yes	—	—	—
		-DS at 19/07/21 10:31			
Name band in situ	—	Yes	—	—	—
		-DS at 19/07/21 10:31			
NOK details correct	—	Yes	—	—	—
		-DS at 19/07/21 10:31			
Property checked	—	Yes	—	—	—
		-SH at 19/07/21 09:06			
Property Bk No	—	38755	—	—	—
		-SH at 19/07/21 09:06			
Adult Inpatient	—	Yes	—	—	—
		-CM at 19/07/21 13:04			

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Needs  
assessment  
completed?

IV Properties Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Left -ADA, 18/07/21 04:40 Location: Antecubital -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -ADA, 18/07/21 04:40 Name of dressing applied: Semipermeable dressing -ADA, 18/07/21 04:40 Removal Date: 21/07/21 -ZS, 21/07/21 13:15 Removal Time: 13:15 -ZS, 21/07/21 13:15

Row Name	19/07/21 03:03	19/07/21 01:43	18/07/21 23:38	18/07/21 21:22	18/07/21 21:15
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ETT Properties Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45

Source (from Blood Gas - read only)	Arterial 19/07/21 03:03	Arterial 19/07/21 01:43	Arterial 18/07/21 23:38	Venous 18/07/21 21:22	Arterial 18/07/21 21:15
FiO2 (from Blood Gas - read only)	25 19/07/21 03:03	30 19/07/21 01:43	35 18/07/21 23:38	60 18/07/21 21:22	21 18/07/21 21:15
pH (from Blood Gas - read only)	7.418 19/07/21 03:03	(!) 7.336 19/07/21 01:43	7.426 18/07/21 23:38	7.359 18/07/21 21:22	7.385 18/07/21 21:15
PCO2 (from Blood Gas - read only)	(!) 4.45 19/07/21 03:03	5.52 19/07/21 01:43	(!) 4.25 18/07/21 23:38	5.45 18/07/21 21:22	4.97 18/07/21 21:15
PO2 (from Blood Gas - read only)	(!) 17.3 19/07/21 03:03	(!) 19.6 19/07/21 01:43	(!) 19.4 18/07/21 23:38	(!) 7.48 18/07/21 21:22	(!) 18.8 18/07/21 21:15
HCO3- (from Blood Gas - read only)	22.6 19/07/21 03:03	21.4 19/07/21 01:43	22.3 18/07/21 23:38	22.3 18/07/21 21:22	22.4 18/07/21 21:15
Base Excess (from Blood Gas - read only)	-3 19/07/21 03:03	-3.8 19/07/21 01:43	-3.5 18/07/21 23:38	-2.5 18/07/21 21:22	-2.8 18/07/21 21:15
Total Hb (from Blood Gas - read only)	141 19/07/21 03:03	144 19/07/21 01:43	147 18/07/21 23:38	129 18/07/21 21:22	128 18/07/21 21:15
SaO2 (from Blood Gas - read only)	98.7 19/07/21 03:03	98.4 19/07/21 01:43	98.5 18/07/21 23:38	88.8 18/07/21 21:22	98.7 18/07/21 21:15
Oxyhaemoglobin (from Blood Gas - read only)	97.3 19/07/21 03:03	96.5 19/07/21 01:43	96.7 18/07/21 23:38	(!) 87.6 18/07/21 21:22	97.4 18/07/21 21:15
Carboxyhaemoglobin (from Blood Gas - read only)	0.7 19/07/21 03:03	0.7 19/07/21 01:43	0.7 18/07/21 23:38	0.7 18/07/21 21:22	(!) 0.3 18/07/21 21:15
Deoxyhaemoglobin (from Blood Gas - read only)	1.3 19/07/21 03:03	1.6 19/07/21 01:43	1.5 18/07/21 23:38	(!) 11.1 18/07/21 21:22	1.3 18/07/21 21:15
Methaemoglobin (from Blood Gas - read only)	0.7 19/07/21 03:03	1.2 19/07/21 01:43	1.1 18/07/21 23:38	0.6 18/07/21 21:22	1 18/07/21 21:15
Haematocrit (from Blood Gas - read only)	43.1 19/07/21 03:03	44.3 19/07/21 01:43	45 18/07/21 23:38	39.6 18/07/21 21:22	39.3 18/07/21 21:15
Sodium (from Blood Gas - read only)	(!) 148 19/07/21 03:03	144 19/07/21 01:43	139 18/07/21 23:38	(!) 129 18/07/21 21:22	(!) 129 18/07/21 21:15
Potassium (from Blood Gas - read only)	4.2 19/07/21 03:03	4.4 19/07/21 01:43	3.9 18/07/21 23:38	3.7 18/07/21 21:22	3.5 18/07/21 21:15
Ionised Calcium (from Blood Gas - read only)	1.21 19/07/21 03:03	1.18 19/07/21 01:43	1.12 18/07/21 23:38	1.14 18/07/21 21:22	(!) 1.1 18/07/21 21:15
Chloride (from Blood Gas - read only)	(!) 119 19/07/21 03:03	(!) 117 19/07/21 01:43	(!) 112 18/07/21 23:38	(!) 97 18/07/21 21:22	98 18/07/21 21:15
Glucose (from Blood Gas - read only)	(!) 9.8 19/07/21 03:03	(!) 9.9 19/07/21 01:43	(!) 9.4 18/07/21 23:38	(!) 8.4 18/07/21 21:22	(!) 8.4 18/07/21 21:15

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Blood Gas - read only)	19/07/21 03:03	19/07/21 01:43	18/07/21 23:38	18/07/21 21:22	18/07/21 21:15
Lactate (from Blood Gas - read only)	1.2 19/07/21 03:03	0.7 19/07/21 01:43	0.8 18/07/21 23:38	0.8 18/07/21 21:22	0.7 18/07/21 21:15
Oxygen Content (from Blood Gas - read only)	8.7 19/07/21 03:03	8.9 19/07/21 01:43	9 18/07/21 23:38	7.1 18/07/21 21:22	8 18/07/21 21:15
O2 Tension at 50% saturation (from Blood Gas - read only)	3.43 19/07/21 03:03	3.68 19/07/21 01:43	3.3 18/07/21 23:38	3.56 18/07/21 21:22	3.57 18/07/21 21:15
PO2 (from Blood Gas - read only)	(!) 17.3 19/07/21 03:03	(!) 19.6 19/07/21 01:43	(!) 19.4 18/07/21 23:38	(!) 7.48 18/07/21 21:22	(!) 18.8 18/07/21 21:15
IV Properties	Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Left -ADA, 18/07/21 04:40 Location: Antecubital -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -ADA, 18/07/21 04:40 Name of dressing applied: Semipermeable dressing -ADA, 18/07/21 04:40 Removal Date: 21/07/21 -ZS, 21/07/21 13:15 Removal Time: 13:15 -ZS, 21/07/21 13:15				
<b>Row Name</b>	<b>18/07/21 21:00</b>	<b>18/07/21 20:00</b>	<b>18/07/21 19:45:01</b>	<b>18/07/21 19:45</b>	<b>18/07/21 18:28</b>
ETT Properties	Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
FiO2 (%)	35 % -EM at 18/07/21 21:44	—	—	—	—
O2 delivery device	Endotracheal tube -EM at 18/07/21 21:44	—	—	—	—
SpO2	97 % -EM at 18/07/21 21:42	—	—	—	—
Resp	16 -EM at 18/07/21 21:44	—	—	—	—
ETCO2 (kPa)	4 kPa -EM at 18/07/21 21:42	—	—	—	—
Vent Mode	Synchronised intermittent mandatory ventilation/pressure control -EM at 18/07/21 21:44	—	—	—	—
Resp Rate (Set)	16 -EM at 18/07/21 21:44	—	—	—	—
PEEP achieved (cmH2O)	4.6 cm H2O -EM at 18/07/21 21:42	4.6 cm H2O -EM at 18/07/21 21:42	—	—	—
PEEP/CPAP set (cmH2O)	5 cmH2O -EM at 18/07/21 21:42	5 cmH2O -EM at 18/07/21 21:42	—	—	—
Achieved PEEP - Set PEEP (difference)	-0.4 cmH2O -EM at 18/07/21 21:44	-0.4 cmH2O -EM at 18/07/21 21:44	—	—	—
Pressure Support (cm H2O)	8 cm H2O -EM at 18/07/21 21:42	8 cm H2O -EM at 18/07/21 21:42	—	—	—
PC Set	8 -EM at 18/07/21 21:42	8 -EM at 18/07/21 21:42	—	—	—
Tidal Volume achieved (ml)	321 mL -EM at 18/07/21 21:42	334.2 mL -EM at 18/07/21 21:42	—	—	—
Minute Ventilation (L/min)	5.1 L/min -EM at 18/07/21 21:42	5.3 L/min -EM at 18/07/21 21:42	—	—	—
I:E Ratio	1:2 -EM at 18/07/21 21:44	—	—	—	—
Ppeak (cm H2O)	13 cm H2O -EM at 18/07/21 21:44	—	—	—	—
Pmean MAP (cmH2O)	7 cm H2O -EM at 18/07/21 21:42	7.2 cm H2O -EM at 18/07/21 21:42	—	—	—
Trigger	1.61 L/min	1.61 L/min	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Sensitivity Flow (L/min)	-EM at 18/07/21 21:42	-EM at 18/07/21 21:42			
Vt/10	32.1 -EM at 18/07/21 21:44	33.4 -EM at 18/07/21 21:44	—	—	—
Source (from Blood Gas - read only)	—	—	Arterial 18/07/21 19:45	Arterial 18/07/21 19:45	Arterial 18/07/21 18:28
FiO2 (from Blood Gas - read only)	—	—	21 18/07/21 19:45	35 18/07/21 19:45	60 18/07/21 18:28
pH (from Blood Gas - read only)	—	—	(!) 7.531 18/07/21 19:45	(!) 7.536 18/07/21 19:45	(!) 7.53 18/07/21 18:28
PCO2 (from Blood Gas - read only)	—	—	(!) 3.04 18/07/21 19:45	(!) 3.05 18/07/21 19:45	(!) 3.15 18/07/21 18:28
PO2 (from Blood Gas - read only)	—	—	(!) 21.5 18/07/21 19:45	(!) 21.4 18/07/21 19:45	(!) 20.8 18/07/21 18:28
HCO3- (from Blood Gas - read only)	—	—	22.6 18/07/21 19:45	22.9 18/07/21 19:45	23.1 18/07/21 18:28
Base Excess (from Blood Gas - read only)	—	—	-3.6 18/07/21 19:45	-3.3 18/07/21 19:45	-3 18/07/21 18:28
Total Hb (from Blood Gas - read only)	—	—	(!) 112 18/07/21 19:45	116 18/07/21 19:45	119 18/07/21 18:28
SaO2 (from Blood Gas - read only)	—	—	(!) 99.2 18/07/21 19:45	98.9 18/07/21 19:45	99 18/07/21 18:28
Oxyhaemoglobin (from Blood Gas - read only)	—	—	98.6 18/07/21 19:45	97.5 18/07/21 19:45	97.6 18/07/21 18:28
Carboxyhaemoglobin (from Blood Gas - read only)	—	—	(!) 0 18/07/21 19:45	(!) 0.3 18/07/21 19:45	(!) 0.3 18/07/21 18:28
Deoxyhaemoglobin (from Blood Gas - read only)	—	—	(!) 0.8 18/07/21 19:45	1.1 18/07/21 19:45	1 18/07/21 18:28
Methaemoglobin (from Blood Gas - read only)	—	—	0.8 18/07/21 19:45	1.1 18/07/21 19:45	1.1 18/07/21 18:28
Haematocrit (from Blood Gas - read only)	—	—	34.4 18/07/21 19:45	35.5 18/07/21 19:45	36.5 18/07/21 18:28
Sodium (from Blood Gas - read only)	—	—	(!) 121 18/07/21 19:45	(!) 120 18/07/21 19:45	(!) 121 18/07/21 18:28
Potassium (from Blood Gas - read only)	—	—	(!) 3.4 18/07/21 19:45	(!) 3.3 18/07/21 19:45	(!) 3.3 18/07/21 18:28
Ionised Calcium (from Blood Gas - read only)	—	—	(!) 1.04 18/07/21 19:45	(!) 1.03 18/07/21 19:45	(!) 1.03 18/07/21 18:28
Chloride (from Blood Gas - read only)	—	—	(!) 96 18/07/21 19:45	(!) 96 18/07/21 19:45	(!) 94 18/07/21 18:28
Glucose (from Blood Gas - read only)	—	—	(!) 9 18/07/21 19:45	(!) 9.2 18/07/21 19:45	(!) 10.2 18/07/21 18:28
Lactate (from Blood Gas - read only)	—	—	1.5 18/07/21 19:45	1.3 18/07/21 19:45	1.8 18/07/21 18:28
Oxygen Content (from Blood Gas - read only)	—	—	7.1 18/07/21 19:45	7.2 18/07/21 19:45	7.4 18/07/21 18:28
O2 Tension at	—	—	2.98	2.9	2.91

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

50% saturation (from Blood Gas - read only)			18/07/21 19:45	18/07/21 19:45	18/07/21 18:28
PO2 (from Blood Gas - read only)	—	—	<b>(!) 21.5</b> 18/07/21 19:45	<b>(!) 21.4</b> 18/07/21 19:45	<b>(!) 20.8</b> 18/07/21 18:28
Pulse	91 -EM at 18/07/21 21:30	—	—	—	—
Arterial Line BP	107/68 -EM at 18/07/21 21:30	—	—	—	—
Arterial Line MAP (mmHg)	82 mmHg -EM at 18/07/21 21:30	—	—	—	—
IV Properties	Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Left -ADA, 18/07/21 04:40 Location: Antecubital -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -ADA, 18/07/21 04:40 Name of dressing applied: Semipermeable dressing -ADA, 18/07/21 04:40 Removal Date: 21/07/21 -ZS, 21/07/21 13:15 Removal Time: 13:15 -ZS, 21/07/21 13:15				
<b>Row Name</b>	<b>18/07/21 18:24</b>	<b>18/07/21 17:00</b>	<b>18/07/21 15:51</b>	<b>18/07/21 13:53</b>	<b>18/07/21 02:03</b>
Natural airway patent?	—	No -JN at 18/07/21 19:04	—	—	—
ETT Properties	Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Vent Mode	—	Synchronised intermittent mandatory ventilation/pressure control -JN at 18/07/21 19:04	—	—	—
Resp Rate Observed	—	18 -JN at 18/07/21 19:04	—	—	—
Source (from Blood Gas - read only)	Arterial 18/07/21 18:24	—	Arterial 18/07/21 15:51	Venous 18/07/21 13:53	Venous 18/07/21 02:03
FiO2 (from Blood Gas - read only)	60 18/07/21 18:24	—	21 18/07/21 15:51	—	21 18/07/21 02:03
pH (from Blood Gas - read only)	<b>(!) 7.517</b> 18/07/21 18:24	—	<b>(!) 7.264</b> 18/07/21 15:51	7.408 18/07/21 13:53	7.435 18/07/21 02:03
PCO2 (from Blood Gas - read only)	<b>(!) 3.29</b> 18/07/21 18:24	—	5.96 18/07/21 15:51	<b>(!) 4.09</b> 18/07/21 13:53	<b>(!) 4.32</b> 18/07/21 02:03
PO2 (from Blood Gas - read only)	<b>(!) 29.9</b> 18/07/21 18:24	—	<b>(!) 63.5</b> 18/07/21 15:51	<b>(!) 9.84</b> 18/07/21 13:53	<b>(!) 5.68</b> 18/07/21 02:03
HCO3- (from Blood Gas - read only)	23.1 18/07/21 18:24	—	19.1 18/07/21 15:51	20.7 18/07/21 13:53	22.6 18/07/21 02:03
Base Excess (from Blood Gas - read only)	-2.9 18/07/21 18:24	—	-6.7 18/07/21 15:51	-5.4 18/07/21 13:53	-2.5 18/07/21 02:03
Total Hb (from Blood Gas - read only)	117 18/07/21 18:24	—	137 18/07/21 15:51	<b>(!) 112</b> 18/07/21 13:53	128 18/07/21 02:03
SaO2 (from Blood Gas - read only)	<b>(!) 99.4</b> 18/07/21 18:24	—	<b>(!) 99.7</b> 18/07/21 15:51	<b>(!) 99.1</b> 18/07/21 13:53	80.7 18/07/21 02:03
Oxyhaemoglobin (from Blood Gas - read only)	98.3 18/07/21 18:24	—	98.9 18/07/21 15:51	98.3 18/07/21 13:53	<b>(!) 79.5</b> 18/07/21 02:03
Carboxyhaemoglobin (from Blood Gas - read only)	<b>(!) 0.2</b> 18/07/21 18:24	—	<b>(!) 0</b> 18/07/21 15:51	<b>(!) 0.3</b> 18/07/21 13:53	0.5 18/07/21 02:03
Deoxyhaemoglobin (from Blood Gas - read only)	<b>(!) 0.6</b> 18/07/21 18:24	—	<b>(!) 0.3</b> 18/07/21 15:51	<b>(!) 0.9</b> 18/07/21 13:53	<b>(!) 19</b> 18/07/21 02:03
Methaemoglobin	0.9	—	0.8	0.5	1

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

(from Blood Gas - read only)	18/07/21 18:24		18/07/21 15:51	18/07/21 13:53	18/07/21 02:03
Haematocrit	<b>35.8</b>	—	<b>42.1</b>	<b>34.2</b>	<b>39.3</b>
(from Blood Gas - read only)	18/07/21 18:24		18/07/21 15:51	18/07/21 13:53	18/07/21 02:03
Sodium (from Blood Gas - read only)	<b>(!) 121</b>	—	<b>(!) 123</b>	—	<b>(!) 129</b>
(from Blood Gas - read only)	18/07/21 18:24		18/07/21 15:51		18/07/21 02:03
Potassium (from Blood Gas - read only)	<b>(!) 3.3</b>	—	<b>(!) 3.1</b>	<b>(!) 3.2</b>	<b>3.7</b>
(from Blood Gas - read only)	18/07/21 18:24		18/07/21 15:51	18/07/21 13:53	18/07/21 02:03
Ionised Calcium (from Blood Gas - read only)	<b>(!) 1.06</b>	—	<b>1.15</b>	<b>(!) 1.08</b>	<b>(!) 1.11</b>
(from Blood Gas - read only)	18/07/21 18:24		18/07/21 15:51	18/07/21 13:53	18/07/21 02:03
Chloride (from Blood Gas - read only)	<b>(!) 92</b>	—	<b>(!) 93</b>	<b>(!) 93</b>	<b>(!) 97</b>
(from Blood Gas - read only)	18/07/21 18:24		18/07/21 15:51	18/07/21 13:53	18/07/21 02:03
Glucose (from Blood Gas - read only)	<b>(!) 9.5</b>	—	<b>(!) 11.8</b>	<b>(!) 7.5</b>	<b>(!) 6.6</b>
(from Blood Gas - read only)	18/07/21 18:24		18/07/21 15:51	18/07/21 13:53	18/07/21 02:03
Lactate (from Blood Gas - read only)	—	—	<b>(!) 2.7</b>	—	<b>(!) 2.3</b>
(from Blood Gas - read only)			18/07/21 15:51		18/07/21 02:03
Oxygen Content (from Blood Gas - read only)	<b>7.4</b>	—	<b>9.1</b>	<b>6.9</b>	<b>6.4</b>
(from Blood Gas - read only)	18/07/21 18:24		18/07/21 15:51	18/07/21 13:53	18/07/21 02:03
O2 Tension at 50% saturation (from Blood Gas - read only)	<b>3.07</b>	—	<b>4.08</b>	<b>3.47</b>	<b>3.36</b>
(from Blood Gas - read only)	18/07/21 18:24		18/07/21 15:51	18/07/21 13:53	18/07/21 02:03
PO2 (from Blood Gas - read only)	<b>(!) 29.9</b>	—	<b>(!) 63.5</b>	<b>(!) 9.84</b>	<b>(!) 5.68</b>
(from Blood Gas - read only)	18/07/21 18:24		18/07/21 15:51	18/07/21 13:53	18/07/21 02:03
Ventilated patient?	—	<b>Yes</b> -JN at 18/07/21 19:04	—	—	—
Respiratory Pattern	—	<b>Normal</b> -JN at 18/07/21 19:04	—	—	—
Respiratory Depth/Rhythm	—	<b>Regular</b> -JN at 18/07/21 19:04	—	—	—
Increasing respiratory effort?	—	<b>No</b> -JN at 18/07/21 19:04	—	—	—
Chest Assessment	—	<b>Symmetrical</b> -JN at 18/07/21 19:04	—	—	—
Bilateral Air Entry?	—	<b>Yes</b> -JN at 18/07/21 19:04	—	—	—
Skin Colour	—	<b>Appropriate for ethnicity</b> -JN at 18/07/21 19:04	—	—	—
Skin Condition/Temp	—	<b>Warm</b> -JN at 18/07/21 19:04	—	—	—
Cyanosis	—	<b>None</b> -JN at 18/07/21 19:04	—	—	—
Capillary Refill - Peripheral	—	<b>Less than/equal to 3 seconds</b> -JN at 18/07/21 19:04	—	—	—
Anti-Embolism Stockings (TEDS)	—	<b>On</b> -JN at 18/07/21 19:04	—	—	—
Anti-embolism stockings	—	<b>New pair;Knee length (Left);Knee length (Right)</b> -JN at 18/07/21 19:04	—	—	—
Skin Intact	—	<b>Yes</b> -JN at 18/07/21 19:04	—	—	—
Eye Opening	—	<b>None/Not able to</b>	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

		obtain (eg eyes closed by swelling) -JN at 18/07/21 19:04			
Best Verbal Response	—	None/Not able to obtain (eg ET or tracheostomy tube) -JN at 18/07/21 19:04	—	—	—
Best Motor Response	—	None -JN at 18/07/21 19:04	—	—	—
Glasgow Coma Scale Score	—	3 -JN at 18/07/21 19:04	—	—	—
Level of consciousness	—	(!) Unresponsive -JN at 18/07/21 19:04	—	—	—
Reason Unresponsive	—	Comatose -JN at 18/07/21 19:04	—	—	—
Richmond Agitation Sedation Scale (RASS)	—	Unarousable -JN at 18/07/21 19:04	—	—	—
R Pupil Size (mm)	—	8 -JN at 18/07/21 19:04	—	—	—
R Pupil Reaction	—	Nonreactive -JN at 18/07/21 19:04	—	—	—
R Pupil Shape	—	Round -JN at 18/07/21 19:04	—	—	—
L Pupil Size (mm)	—	8 -JN at 18/07/21 19:04	—	—	—
L Pupil Reaction	—	Nonreactive -JN at 18/07/21 19:04	—	—	—
L Pupil Shape	—	Round -JN at 18/07/21 19:04	—	—	—
Limb Power Assessment	—	Yes -JN at 18/07/21 19:04	—	—	—
Right upper limb power	—	Nil -JN at 18/07/21 19:04	—	—	—
Left upper limb power	—	Nil -JN at 18/07/21 19:04	—	—	—
Right lower limb power	—	Nil -JN at 18/07/21 19:04	—	—	—
Left lower limb power	—	Nil -JN at 18/07/21 19:04	—	—	—
Neuro Symptoms	—	None -JN at 18/07/21 19:04	—	—	—
Faecal devices	—	None -JN at 18/07/21 19:04	—	—	—
Bowel Opened?	—	No -JN at 18/07/21 19:04	—	—	—
All pressure areas observed	—	Yes -JN at 18/07/21 19:04	—	—	—
Head	—	Intact -JN at 18/07/21 19:04	—	—	—
Left Shoulder	—	Intact -JN at 18/07/21 19:04	—	—	—
Right Shoulder	—	Intact -JN at 18/07/21 19:04	—	—	—
Left Elbow	—	Intact -JN at 18/07/21 19:04	—	—	—
Right Elbow	—	Intact -JN at 18/07/21 19:04	—	—	—
Left Hip	—	Intact -JN at 18/07/21 19:04	—	—	—
Right Hip	—	Intact -JN at 18/07/21 19:04	—	—	—
Left Heel	—	Intact -JN at 18/07/21 19:04	—	—	—
Right Heel	—	Intact -JN at 18/07/21 19:04	—	—	—
Left Buttock	—	Intact	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

		-JN at 18/07/21 19:04			
Right Buttock	—	Intact	—	—	—
		-JN at 18/07/21 19:04			
Sacrum	—	Intact	—	—	—
		-JN at 18/07/21 19:04			
Face	—	Yes	—	—	—
		-JN at 18/07/21 19:04			
Right Cheek	—	Intact	—	—	—
		-JN at 18/07/21 19:04			
Left Cheek	—	Intact	—	—	—
		-JN at 18/07/21 19:04			
Right Ear	—	Intact	—	—	—
		-JN at 18/07/21 19:04			
Left Ear	—	Intact	—	—	—
		-JN at 18/07/21 19:04			
Nose	—	Intact	—	—	—
		-JN at 18/07/21 19:04			
Forehead	—	Intact	—	—	—
		-JN at 18/07/21 19:04			
Chin	—	Intact	—	—	—
		-JN at 18/07/21 19:04			
Surface	—	Standard Evolution mattress	—	—	—
		-JN at 18/07/21 19:04			
Reposition	—	Bed - Flat	—	—	—
		-JN at 18/07/21 19:04			
Positioning Frequency	—	Medically assessed to sick to turn	—	—	—
		-JN at 18/07/21 19:04			
Patient clean and dry	—	Yes	—	—	—
		-JN at 18/07/21 19:04			
Damp dusting	—	Yes	—	—	—
		-JN at 18/07/21 19:04			
Disposable equipment in date	—	Yes	—	—	—
		-JN at 18/07/21 19:04			
Spare oral airways	—	Yes	—	—	—
		-JN at 18/07/21 19:04			
Oxygen and suction working	—	Yes	—	—	—
		-JN at 18/07/21 19:04			
Rebreath and Ambu bag available	—	Yes	—	—	—
		-JN at 18/07/21 19:04			
Visor/Goggles at bedside	—	Yes	—	—	—
		-JN at 18/07/21 19:04			
Spare oxygen cylinder	—	Yes	—	—	—
		-JN at 18/07/21 19:04			
Spare trachy inner tubes/dilator	—	N/A	—	—	—
		-JN at 18/07/21 19:04			
Suction equipment available	—	Yes	—	—	—
		-JN at 18/07/21 19:04			
Monitor alarms appropriate	—	Yes	—	—	—
		-JN at 18/07/21 19:04			
Ventilator alarms appropriate	—	Yes	—	—	—
		-JN at 18/07/21 19:04			
Transducer	—	Transducer kit labelled correctly; Transducer/s re-zeroed	—	—	—
		-JN at 18/07/21 19:04			

IV Properties Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Left -ADA, 18/07/21 04:40 Location: Antecubital -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -ADA, 18/07/21 04:40 Name of dressing applied: Semipermeable dressing -ADA, 18/07/21 04:40 Removal Date: 21/07/21 -ZS, 21/07/21 13:15 Removal Time: 13:15 -ZS, 21/07/21 13:15

<b>Row Name</b>	<b>18/07/21 00:33:05</b>	<b>18/07/21 00:33:04</b>	<b>18/07/21 00:33:03</b>	<b>18/07/21 00:33:02</b>	<b>18/07/21 00:33:01</b>
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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Source (from Blood Gas - read only)	Venous 18/07/21 00:33				
FiO2 (from Blood Gas - read only)	21	21	21	21	21
pH (from Blood Gas - read only)	(!) 7.514	(!) 7.514	(!) 7.514	(!) 7.514	(!) 7.514
PCO2 (from Blood Gas - read only)	(!) 3.33	(!) 3.33	(!) 3.33	(!) 3.33	(!) 3.33
PO2 (from Blood Gas - read only)	10.9	10.9	10.9	10.9	10.9
HCO3- (from Blood Gas - read only)	23.2	23.2	23.2	23.2	23.2
Base Excess (from Blood Gas - read only)	-2.9	-2.9	-2.9	-2.9	-2.9
Total Hb (from Blood Gas - read only)	133	133	133	133	133
SaO2 (from Blood Gas - read only)	96	96	96	96	96
Oxyhaemoglobin (from Blood Gas - read only)	(!) 94.7	(!) 94.7	(!) 94.7	(!) 94.7	(!) 94.7
Carboxyhaemoglobin (from Blood Gas - read only)	(!) 0.3	(!) 0.3	(!) 0.3	(!) 0.3	(!) 0.3
Deoxyhaemoglobin (from Blood Gas - read only)	3.9	3.9	3.9	3.9	3.9
Methaemoglobin (from Blood Gas - read only)	1.1	1.1	1.1	1.1	1.1
Haematocrit (from Blood Gas - read only)	40.8	40.8	40.8	40.8	40.8
Sodium (from Blood Gas - read only)	(!) 129	(!) 129	(!) 129	(!) 129	(!) 129
Potassium (from Blood Gas - read only)	(!) 3.4	(!) 3.4	(!) 3.4	(!) 3.4	(!) 3.4
Ionised Calcium (from Blood Gas - read only)	(!) 1.1	(!) 1.1	(!) 1.1	(!) 1.1	(!) 1.1
Chloride (from Blood Gas - read only)	(!) 97	(!) 97	(!) 97	(!) 97	(!) 97
Glucose (from Blood Gas - read only)	(!) 6.3	(!) 6.3	(!) 6.3	(!) 6.3	(!) 6.3
Lactate (from Blood Gas - read only)	(!) 2.7	(!) 2.7	(!) 2.7	(!) 2.7	(!) 2.7
Oxygen Content (from Blood Gas - read only)	7.9	7.9	7.9	7.9	7.9
O2 Tension at 50% saturation (from Blood Gas - read only)	3.5	3.5	3.5	3.5	3.5
PO2 (from Blood	10.9	10.9	10.9	10.9	10.9

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Gas - read only)	18/07/21 00:33	18/07/21 00:33	18/07/21 00:33	18/07/21 00:33	18/07/21 00:33
IV Properties	Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Left -ADA, 18/07/21 04:40 Location: Antecubital -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -ADA, 18/07/21 04:40 Name of dressing applied: Semipermeable dressing -ADA, 18/07/21 04:40 Removal Date: 21/07/21 -ZS, 21/07/21 13:15 Removal Time: 13:15 -ZS, 21/07/21 13:15				
<b>Row Name</b>	<b>18/07/21 00:33</b>				
Source (from Blood Gas - read only)	Venous				
FiO2 (from Blood Gas - read only)	21				
pH (from Blood Gas - read only)	<b>(!) 7.514</b>				
PCO2 (from Blood Gas - read only)	<b>(!) 3.33</b>				
PO2 (from Blood Gas - read only)	10.9				
HCO3- (from Blood Gas - read only)	23.2				
Base Excess (from Blood Gas - read only)	-2.9				
Total Hb (from Blood Gas - read only)	133				
SaO2 (from Blood Gas - read only)	96				
Oxyhaemoglobin (from Blood Gas - read only)	<b>(!) 94.7</b>				
Carboxyhaemoglobin (from Blood Gas - read only)	<b>(!) 0.3</b>				
Deoxyhaemoglobin (from Blood Gas - read only)	3.9				
Methaemoglobin (from Blood Gas - read only)	1.1				
Haematocrit (from Blood Gas - read only)	40.8				
Sodium (from Blood Gas - read only)	<b>(!) 129</b>				
Potassium (from Blood Gas - read only)	<b>(!) 3.4</b>				
Ionised Calcium (from Blood Gas - read only)	<b>(!) 1.1</b>				
Chloride (from Blood Gas - read only)	<b>(!) 97</b>				
Glucose (from Blood Gas - read only)	<b>(!) 6.3</b>				
Lactate (from Blood Gas - read only)	<b>(!) 2.7</b>				
Oxygen Content	7.9				

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

(from Blood Gas - read only)	18/07/21 00:33
O2 Tension at 50% saturation (from Blood Gas - read only)	3.5 18/07/21 00:33
PO2 (from Blood Gas - read only)	10.9 18/07/21 00:33
IV Properties	Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Left -ADA, 18/07/21 04:40 Location: Antecubital -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -ADA, 18/07/21 04:40 Name of dressing applied: Semipermeable dressing -ADA, 18/07/21 04:40 Removal Date: 21/07/21 -ZS, 21/07/21 13:15 Removal Time: 13:15 -ZS, 21/07/21 13:15

**Custom Formula Data**

Row Name	22/07/21 13:00	22/07/21 12:00	22/07/21 11:05	22/07/21 11:00	22/07/21 10:00
BMI (Calculated)	—	—	0 -MC at 22/07/21 11:45	—	—
Weight Change Since Last Visit	—	—	0 kg -MC at 22/07/21 11:45	—	—
Adult Normal Expected Output	—	—	27.5 mL/hr -MC at 22/07/21 11:45	—	—
Paed Normal Expected Output	—	—	55 mL/hr -MC at 22/07/21 11:45	—	—
Normal Expected Output	—	—	110 mL/hr -MC at 22/07/21 11:45	—	—
BMI (Calculated)	—	—	0 -MC at 22/07/21 11:45	—	—
Weight Change Since Last Visit	—	—	0 kg -MC at 22/07/21 11:45	—	—
Temp (in Celsius)	—	—	—	37.4 -ZS at 22/07/21 11:09	37.9 -ZS at 22/07/21 10:40
Total Weight Change Percent	—	—	2222 Percent -MC at 22/07/21 11:45	—	—
Weight Change Since Preop	—	—	54.99 kgs -MC at 22/07/21 11:45	—	—
Weight Change Since Preop	—	—	54.99 kg -MC at 22/07/21 11:45	—	—
f/VT	31.83 L -ZS at 22/07/21 17:38	31.14 L -ZS at 22/07/21 17:38	—	35.35 L -ZS at 22/07/21 11:09	36.33 L -ZS at 22/07/21 10:40
Achieved PEEP - Set PEEP (difference)	-0.3 cmH2O -ZS at 22/07/21 17:36	-0.1 cmH2O -ZS at 22/07/21 17:36	—	-0.1 cmH2O -ZS at 22/07/21 11:08	-0.2 cmH2O -ZS at 22/07/21 10:40
Row Name	22/07/21 09:00	22/07/21 08:00	22/07/21 07:00	22/07/21 06:00	22/07/21 05:00
Temp (in Celsius)	38.2 -ZS at 22/07/21 09:11	37.4 -HN at 22/07/21 08:01	37.9 -HN at 22/07/21 07:01	—	—
f/VT	35.41 L -ZS at 22/07/21 09:11	40.12 L -HN at 22/07/21 08:02	42.63 L -HN at 22/07/21 07:01	40.72 L -HN at 22/07/21 06:16	39.81 L -FM at 22/07/21 05:54
Achieved PEEP - Set PEEP (difference)	-0.2 cmH2O -ZS at 22/07/21 09:06	-0.2 cmH2O -HN at 22/07/21 08:02	-0.2 cmH2O -HN at 22/07/21 07:01	-0.3 cmH2O -HN at 22/07/21 06:16	-0.2 cmH2O -FM at 22/07/21 05:54
Row Name	22/07/21 04:00	22/07/21 03:00	22/07/21 02:00	22/07/21 01:00	22/07/21 00:00
Total Red Scores	—	—	0 -FM at 22/07/21 02:11	0 -FM at 22/07/21 02:10	1 -HN at 22/07/21 00:25
Total Yellow Scores	—	—	0 -FM at 22/07/21 02:11	1 -FM at 22/07/21 02:10	1 -HN at 22/07/21 00:25
Temp (in Celsius)	36.6 -HN at 22/07/21 04:03	36.7 -HN at 22/07/21 04:01	36.8 -FM at 22/07/21 02:11	35.4 -HN at 22/07/21 01:01	35 -HN at 22/07/21 00:25
f/VT	46.95 L -HN at 22/07/21 04:03	44.13 L -HN at 22/07/21 04:01	42.11 L -FM at 22/07/21 02:07	41.24 L -FM at 22/07/21 01:47	45.79 L -HN at 22/07/21 00:25
Achieved PEEP - Set PEEP (difference)	-0.2 cmH2O -HN at 22/07/21 04:03	-0.1 cmH2O -HN at 22/07/21 04:01	-0.1 cmH2O -FM at 22/07/21 02:07	-0.1 cmH2O -FM at 22/07/21 01:47	-0.2 cmH2O -HN at 22/07/21 00:25
Row Name	21/07/21 23:00	21/07/21 22:00	21/07/21 21:00	21/07/21 20:00	21/07/21 19:00
Temp (in Celsius)	—	34.1	—	—	35.8

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Celsius)		-HN at 21/07/21 22:06			-ZS at 21/07/21 20:46
f/VT	38.95 L -HN at 22/07/21 00:25	31.22 L -HN at 21/07/21 22:10	—	—	36.41 L -ZS at 21/07/21 19:00
Achieved PEEP - Set PEEP (difference)	-0.2 cmH2O -HN at 22/07/21 00:25	-0.2 cmH2O -HN at 21/07/21 22:10	0 cmH2O -HN at 21/07/21 22:10	-0.4 cmH2O -ZS at 21/07/21 20:30	-0.2 cmH2O -ZS at 21/07/21 19:00
<b>Row Name</b>	<b>21/07/21 18:00</b>	<b>21/07/21 17:00</b>	<b>21/07/21 16:00</b>	<b>21/07/21 15:00</b>	<b>21/07/21 14:00</b>
Temp (in Celsius)	—	—	—	35.7 -ZS at 21/07/21 15:43	—
f/VT	38.1 L -ZS at 21/07/21 18:01	37.58 L -ZS at 21/07/21 18:01	38.76 L -ZS at 21/07/21 16:43	40.34 L -ZS at 21/07/21 15:43	41.38 L -ZS at 21/07/21 14:03
Achieved PEEP - Set PEEP (difference)	-0.2 cmH2O -ZS at 21/07/21 18:00	-0.2 cmH2O -ZS at 21/07/21 18:00	-0.1 cmH2O -ZS at 21/07/21 16:29	-0.2 cmH2O -ZS at 21/07/21 15:41	-0.2 cmH2O -ZS at 21/07/21 14:01
<b>Row Name</b>	<b>21/07/21 13:00</b>	<b>21/07/21 12:00</b>	<b>21/07/21 11:00</b>	<b>21/07/21 10:00</b>	<b>21/07/21 09:00</b>
Temp (in Celsius)	—	—	36.1 -ZS at 21/07/21 11:34	35.8 -JM at 21/07/21 10:10	35.9 -ZS at 21/07/21 09:30
Feature 3: Altered Level of Consciousness	—	—	—	Positive -JM at 21/07/21 10:11	—
f/VT	42.46 L -ZS at 21/07/21 13:14	35.99 L -ZS at 21/07/21 12:07	36.25 L -ZS at 21/07/21 11:34	43.71 L -JM at 21/07/21 10:11	42.39 L -ZS at 21/07/21 09:30
Achieved PEEP - Set PEEP (difference)	-0.1 cmH2O -ZS at 21/07/21 13:12	-0.3 cmH2O -ZS at 21/07/21 12:05	0 cmH2O -ZS at 21/07/21 11:28	-0.1 cmH2O -JM at 21/07/21 10:11	-0.1 cmH2O -ZS at 21/07/21 09:22
<b>Row Name</b>	<b>21/07/21 08:00</b>	<b>21/07/21 07:00</b>	<b>21/07/21 06:00</b>	<b>21/07/21 05:00</b>	<b>21/07/21 04:00</b>
Temp (in Celsius)	—	36.9 -HN at 21/07/21 07:10	—	37.8 -HN at 21/07/21 05:07	—
f/VT	41.82 L -HN at 21/07/21 08:01	41.71 L -HN at 21/07/21 07:10	44.6 L -HN at 21/07/21 07:10	44.1 L -HN at 21/07/21 05:07	42.94 L -MT at 21/07/21 04:03
Achieved PEEP - Set PEEP (difference)	-0.1 cmH2O -HN at 21/07/21 08:01	-0.2 cmH2O -HN at 21/07/21 07:10	-0.1 cmH2O -HN at 21/07/21 07:10	-0.1 cmH2O -HN at 21/07/21 05:07	—
<b>Row Name</b>	<b>21/07/21 03:00</b>	<b>21/07/21 02:00</b>	<b>21/07/21 01:00</b>	<b>21/07/21 00:00</b>	<b>20/07/21 23:00</b>
Temp (in Celsius)	—	36 -HN at 21/07/21 02:06	—	36 -HN at 21/07/21 00:01	—
f/VT	42.88 L -MT at 21/07/21 03:10	43.44 L -HN at 21/07/21 04:53	44.18 L -HN at 21/07/21 04:53	52.66 L -HN at 21/07/21 00:01	53.41 L -HN at 20/07/21 23:05
Achieved PEEP - Set PEEP (difference)	—	-0.1 cmH2O -HN at 21/07/21 04:53	-0.1 cmH2O -HN at 21/07/21 04:53	-0.1 cmH2O -HN at 21/07/21 00:01	-0.1 cmH2O -HN at 20/07/21 23:05
<b>Row Name</b>	<b>20/07/21 22:00</b>	<b>20/07/21 21:00</b>	<b>20/07/21 20:00</b>	<b>20/07/21 19:30</b>	<b>20/07/21 17:00</b>
P/F Ratio (with PO2 in KPa)	—	64.29 kPa -HN at 20/07/21 21:13	—	—	—
Temp (in Celsius)	35.6 -HN at 20/07/21 22:23	34.6 -HN at 20/07/21 21:13	—	—	—
f/VT	—	51.25 L -HN at 20/07/21 22:24	50.48 L -GO at 20/07/21 20:04	48.7 L -GO at 20/07/21 19:38	43.06 L -GO at 20/07/21 17:02
Achieved PEEP - Set PEEP (difference)	—	-0.1 cmH2O -HN at 20/07/21 22:24	-0.1 cmH2O -GO at 20/07/21 20:04	-0.1 cmH2O -GO at 20/07/21 19:35	—
P/F Ratio (with PO2 in mmHg)	—	482.18 mmHg -HN at 20/07/21 21:13	—	—	—
<b>Row Name</b>	<b>20/07/21 16:00</b>	<b>20/07/21 15:00</b>	<b>20/07/21 14:00</b>	<b>20/07/21 13:00</b>	<b>20/07/21 12:00</b>
Temp (in Celsius)	—	36.6 -CM at 20/07/21 15:11	—	36.9 -CM at 20/07/21 13:13	—
f/VT	44.23 L -GO at 20/07/21 16:11	—	42.17 L -CM at 20/07/21 14:28	42.98 L -CM at 20/07/21 13:13	44.78 L -GO at 20/07/21 12:08
Achieved PEEP - Set PEEP (difference)	—	0 cmH2O -CM at 20/07/21 15:12	-0.3 cmH2O -CM at 20/07/21 14:27	-0.2 cmH2O -CM at 20/07/21 13:13	-0.3 cmH2O -GO at 20/07/21 12:07
<b>Row Name</b>	<b>20/07/21 11:00</b>	<b>20/07/21 10:00</b>	<b>20/07/21 09:00</b>	<b>20/07/21 08:00</b>	<b>20/07/21 07:00</b>
Temp (in Celsius)	37.1 -GO at 20/07/21 11:41	—	35.7 -GO at 20/07/21 09:20	—	—
f/VT	44.8 L	45.43 L	53.44 L	53 L	60.57 L

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

	-GO at 20/07/21 11:05	-CM at 20/07/21 10:04	-GO at 20/07/21 09:20	-HN at 20/07/21 08:07	-HN at 20/07/21 08:07
Achieved PEEP	-0.2 cmH2O	0 cmH2O	-0.1 cmH2O	-0.1 cmH2O	-0.1 cmH2O
- Set PEEP	-GO at 20/07/21 11:04	-CM at 20/07/21 10:04	-GO at 20/07/21 09:17	-HN at 20/07/21 08:07	-HN at 20/07/21 08:07
(difference)					
<b>Row Name</b>	<b>20/07/21 06:00</b>	<b>20/07/21 05:00</b>	<b>20/07/21 04:00</b>	<b>20/07/21 03:00</b>	<b>20/07/21 02:00</b>
Temp (in Celsius)	36 -HN at 20/07/21 06:10	—	36.2 -EM at 20/07/21 04:07	—	—
f/VT	57.05 L -HN at 20/07/21 06:10	60.46 L -HN at 20/07/21 05:02	59.07 L -EM at 20/07/21 04:07	59.31 L -HN at 20/07/21 03:06	60.17 L -HN at 20/07/21 02:06
Achieved PEEP	0 cmH2O	-0.1 cmH2O	—	—	-0.2 cmH2O
- Set PEEP	-HN at 20/07/21 06:10	-HN at 20/07/21 05:02			-HN at 20/07/21 02:06
(difference)					
<b>Row Name</b>	<b>20/07/21 01:00</b>	<b>20/07/21 00:00</b>	<b>19/07/21 23:00</b>	<b>19/07/21 22:00</b>	<b>19/07/21 21:00</b>
Temp (in Celsius)	36.2 -HN at 20/07/21 01:01	—	—	36.6 -HN at 19/07/21 22:30	36.1 -HN at 19/07/21 21:32
f/VT	60.72 L -HN at 20/07/21 01:01	62 L -HN at 20/07/21 00:06	62.31 L -HN at 19/07/21 23:19	68.68 L -HN at 19/07/21 22:30	54.61 L -EM at 19/07/21 22:09
Achieved PEEP	-0.1 cmH2O	-0.1 cmH2O	-0.1 cmH2O	—	—
- Set PEEP	-HN at 20/07/21 01:01	-HN at 20/07/21 00:06	-HN at 19/07/21 23:19		
(difference)					
<b>Row Name</b>	<b>19/07/21 19:00</b>	<b>19/07/21 18:00</b>	<b>19/07/21 15:00</b>	<b>19/07/21 13:00</b>	<b>19/07/21 12:00</b>
Waterlow Score (Background)	9 -DS at 19/07/21 19:13	—	—	—	—
Temp (in Celsius)	35.1 -MA at 19/07/21 19:44	35.1 -DS at 19/07/21 18:48	36 -MA at 19/07/21 15:30	36.7 -DS at 19/07/21 13:04	37.1 -DS at 19/07/21 12:06
f/VT	—	43.51 L -DS at 19/07/21 18:47	—	49.88 L -DS at 19/07/21 13:02	44.5 L -DS at 19/07/21 12:06
Achieved PEEP	—	-0.5 cmH2O	—	-0.3 cmH2O	-0.4 cmH2O
- Set PEEP		-DS at 19/07/21 18:47		-DS at 19/07/21 13:00	-DS at 19/07/21 12:04
(difference)					
<b>Row Name</b>	<b>19/07/21 11:00</b>	<b>19/07/21 10:00</b>	<b>19/07/21 09:00</b>	<b>19/07/21 08:00</b>	<b>19/07/21 07:00</b>
Temp (in Celsius)	37.4 -DS at 19/07/21 12:01	36.8 -DS at 19/07/21 10:31	38 -DS at 19/07/21 10:31	37.2 -RC at 19/07/21 08:03	—
Feature 3: Altered Level of Consciousness	—	—	—	Positive -RC at 19/07/21 08:03	Positive -RC at 19/07/21 08:03
f/VT	—	38.91 L -DS at 19/07/21 10:31	43.08 L -DS at 19/07/21 10:31	41.75 L -RC at 19/07/21 08:04	42.55 L -RC at 19/07/21 08:04
Achieved PEEP	—	-0.2 cmH2O	-0.3 cmH2O	-0.2 cmH2O	-0.3 cmH2O
- Set PEEP		-DS at 19/07/21 10:17	-DS at 19/07/21 10:17	-RC at 19/07/21 08:04	-RC at 19/07/21 08:04
(difference)					
<b>Row Name</b>	<b>19/07/21 06:00</b>	<b>19/07/21 05:00</b>	<b>19/07/21 04:00</b>	<b>19/07/21 03:00</b>	<b>19/07/21 02:00</b>
Temp (in Celsius)	36.1 -RC at 19/07/21 06:04	—	34.6 -RC at 19/07/21 04:43	33.4 -CC at 19/07/21 03:06	32.5 -CC at 19/07/21 02:54
Feature 3: Altered Level of Consciousness	Positive -RC at 19/07/21 06:04	Positive -RC at 19/07/21 05:04	Positive -CC at 19/07/21 04:06	Positive -CC at 19/07/21 03:06	Positive -CC at 19/07/21 03:06
f/VT	42.6 L -RC at 19/07/21 06:04	40.88 L -RC at 19/07/21 05:06	40.84 L -CC at 19/07/21 04:09	40.9 L -CC at 19/07/21 04:09	—
Achieved PEEP	-0.3 cmH2O				
- Set PEEP	-RC at 19/07/21 06:04	-RC at 19/07/21 05:06	-CC at 19/07/21 04:09	-CC at 19/07/21 04:09	-CC at 19/07/21 02:55
(difference)					
<b>Row Name</b>	<b>19/07/21 01:00</b>	<b>19/07/21 00:00</b>	<b>18/07/21 23:00</b>	<b>18/07/21 22:00</b>	<b>18/07/21 19:00</b>
BMI (Calculated)	—	—	—	—	0 -LG at 18/07/21 19:12
Weight Change Since Last Visit	—	—	—	—	54.99 kg -LG at 18/07/21 19:12
Adult Normal Expected Output	—	—	—	—	27.5 mL/hr -LG at 18/07/21 19:12
Paed Normal Expected Output	—	—	—	—	55 mL/hr -LG at 18/07/21 19:12
Normal Expected Output	—	—	—	—	110 mL/hr -LG at 18/07/21 19:12
BMI (Calculated)	—	—	—	—	0 -LG at 18/07/21 19:12

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Weight Change Since Last Visit	—	—	—	—	54.99 kg -LG at 18/07/21 19:12
Total Red Scores	—	—	—	—	1 -JN at 18/07/21 19:17
Total Yellow Scores	—	—	—	—	1 -JN at 18/07/21 19:17
Temp (in Celsius)	—	34 -RC at 19/07/21 01:10	—	34.5 -RC at 19/07/21 00:38	35.5 -JN at 18/07/21 19:17
Feature 3: Altered Level of Consciousness	Positive -RC at 19/07/21 01:10	Positive -RC at 19/07/21 00:38	Positive -RC at 18/07/21 23:23	Positive -RC at 18/07/21 22:34	—
Total Weight Change Percent	—	—	—	—	2222 Percent -LG at 18/07/21 19:12
Weight Change Since Preop	—	—	—	—	54.99 kgs -LG at 18/07/21 19:12
Weight Change Since Preop	—	—	—	—	54.99 kg -LG at 18/07/21 19:12
f/VT	—	50.66 L -RC at 19/07/21 00:43	40.06 L -RC at 19/07/21 00:43	40 L -RC at 19/07/21 00:43	—
Achieved PEEP - Set PEEP (difference)	-0.4 cmH2O -CC at 19/07/21 02:55	-0.5 cmH2O -RC at 19/07/21 00:43	-0.3 cmH2O -RC at 19/07/21 00:43	-0.4 cmH2O -RC at 19/07/21 00:43	—
<b>Row Name</b>	<b>18/07/21 18:00</b>	<b>18/07/21 17:00</b>	<b>18/07/21 12:28</b>	<b>18/07/21 09:00</b>	<b>18/07/21 07:03</b>
Total Red Scores	1 -JN at 18/07/21 19:13	—	0 -MM at 18/07/21 12:30	0 -RCA at 18/07/21 09:32	0 -OA at 18/07/21 07:05
Total Yellow Scores	1 -JN at 18/07/21 19:13	—	1 -MM at 18/07/21 12:30	1 -RCA at 18/07/21 09:32	1 -OA at 18/07/21 07:05
Temp (in Celsius)	35.5 -JN at 18/07/21 19:13	—	36.6 -MM at 18/07/21 12:30	37.8 -RCA at 18/07/21 09:32	36.8 -OA at 18/07/21 07:05
Feature 3: Altered Level of Consciousness	—	Positive -JN at 18/07/21 19:04	—	—	—
<b>Row Name</b>	<b>18/07/21 04:56</b>	<b>18/07/21 03:28</b>	<b>18/07/21 01:49</b>	<b>18/07/21 00:52</b>	<b>17/07/21 23:19</b>
Waterlow Score (Background)	—	—	—	3 -S at 18/07/21 00:53	—
Total Red Scores	0 -OA at 18/07/21 04:58	0 -ADA at 18/07/21 03:34	0 -S at 18/07/21 01:50	—	0 -BS at 17/07/21 23:20
Total Yellow Scores	1 -OA at 18/07/21 04:58	1 -ADA at 18/07/21 03:34	0 -S at 18/07/21 01:50	—	0 -BS at 17/07/21 23:20
Temp (in Celsius)	37.5 -OA at 18/07/21 04:58	36.8 -ADA at 18/07/21 03:34	36.7 -S at 18/07/21 01:50	—	36.2 -BS at 17/07/21 23:20
<b>Row Name</b>	<b>17/07/21 23:12</b>				
Summary of VHF Risk Assessment	VHF Unlikely -RB at 17/07/21 23:12				

**Data**

Row Name	20/07/21 10:29	18/07/21 15:05	18/07/21 11:38	18/07/21 02:16
Rate	—	—	—	500 mL/hr -S at 18/07/21 02:17
Volume (mL)	—	—	—	1000 mL -S at 18/07/21 02:17
Dose	—	—	*600 mg -MM at 18/07/21 11:52	—
Volume (mL)	—	—	250 -MM at 18/07/21 11:52	—
Verbal pain scale at rest	—	Moderate -MM at 18/07/21 15:12	—	—
Rate	250 mL/hr -CM at 20/07/21 10:30	—	—	—
Volume (mL)	250 mL -CM at 20/07/21 10:30	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

**ED Falls Risk Assessment**

Row Name	18/07/21 00:52
Patient fell in ED or in the hospital	No (please comment) -S at 18/07/21 00:52
History of Falls	None -S at 18/07/21 00:52
Mobility / Gait / Footwear Risk Factors	None -S at 18/07/21 00:52
Has the patient been admitted after a fall AND is on any of the following medication: anti-psychotics, benzodiazepines, sedative-hypnotics, opioid analgesics or anti-depressants?	No -S at 18/07/21 00:52

**ED Registration**

Row Name	17/07/21 23:00
Ambulance Crew Number	— -FK at 17/07/21 23:00

**Encounter Vital Signs**

Row Name	22/07/21 11:05
Weight	55 kg -MC at 22/07/21 11:45

**Expected date of discharge (EDD)**

Row Name	18/07/21 04:24
Expected Date of Discharge	20/07/21 -TD at 18/07/21 04:24

**ICU Assessment**

Row Name	19/07/21 06:00	19/07/21 05:00	19/07/21 03:00	19/07/21 02:00	18/07/21 23:00
Natural airway patent?	No -RC at 19/07/21 08:44	—	No -RC at 19/07/21 08:44	—	No -RC at 19/07/21 08:40
Airway LDA	Endotracheal tube -RC at 19/07/21 08:44	—	Endotracheal tube -RC at 19/07/21 08:44	—	Endotracheal tube -RC at 19/07/21 08:40
Abnormal airway sounds	Silent -RC at 19/07/21 08:44	—	Silent -RC at 19/07/21 08:44	—	Silent -RC at 19/07/21 08:40
ETT Properties	Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Secured at (cm)	23 cm -RC at 19/07/21 08:44	—	23 cm -RC at 19/07/21 08:44	—	23 cm -RC at 19/07/21 08:40
Measured from	Lips -RC at 19/07/21 08:44	—	Lips -RC at 19/07/21 08:44	—	Lips -RC at 19/07/21 08:40
Tube Position	Right -RC at 19/07/21 08:44	—	Left -RC at 19/07/21 08:44	—	Centre -RC at 19/07/21 08:40
Secured by	AnchorFast -RC at 19/07/21 08:44	—	AnchorFast -RC at 19/07/21 08:44	—	AnchorFast -RC at 19/07/21 08:40

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Site Condition	Dry lips -RC at 19/07/21 08:44	—	Dry lips -RC at 19/07/21 08:44	—	Dry lips -RC at 19/07/21 08:40
Cuff Pressure	30 cm H2O -RC at 19/07/21 08:44	—	30 cm H2O -RC at 19/07/21 08:44	—	30 cm H2O -RC at 19/07/21 08:40
Cuff leak present	No -RC at 19/07/21 08:44	—	—	—	No -RC at 19/07/21 08:40
Airway Interventions	Airway suction -RC at 19/07/21 08:44	—	Airway suction -RC at 19/07/21 08:44	—	Airway suction -RC at 19/07/21 08:40
Manoeuvres	Reposition -RC at 19/07/21 08:44	—	—	—	Reposition -RC at 19/07/21 08:40
Suction Type	Endotracheal -RC at 19/07/21 08:44	—	Endotracheal -RC at 19/07/21 08:44	—	Endotracheal -RC at 19/07/21 08:40
Suction Device	Inline endotracheal catheter -RC at 19/07/21 08:44	—	Inline endotracheal catheter -RC at 19/07/21 08:44	—	Inline endotracheal catheter -RC at 19/07/21 08:40
Secretion Amount	None -RC at 19/07/21 08:44	—	None -RC at 19/07/21 08:44	—	None -RC at 19/07/21 08:40
Suction Type	Oral -RC at 19/07/21 08:44	—	—	—	Oral -RC at 19/07/21 08:40
Suction Device	Yankeur -RC at 19/07/21 08:44	—	—	—	Yankeur -RC at 19/07/21 08:40
Secretion Amount	None -RC at 19/07/21 08:44	—	—	—	None -RC at 19/07/21 08:40
Ventilated patient?	—	—	—	—	Yes -RC at 19/07/21 08:40
Respiratory Pattern	—	—	—	—	Normal -RC at 19/07/21 08:40
Respiratory Depth/Rhythm	—	—	—	—	Regular -RC at 19/07/21 08:40
Increasing respiratory effort?	—	—	—	—	No -RC at 19/07/21 08:40
Chest Assessment	—	—	—	—	Chest expansion symmetrical -RC at 19/07/21 08:40
Bilateral Air Entry?	—	—	—	—	Yes -RC at 19/07/21 08:40
Left Upper Auscultation	—	—	—	—	Clear -RC at 19/07/21 08:40
Left Lower Auscultation	—	—	—	—	Clear -RC at 19/07/21 08:40
Right Upper Auscultation	—	—	—	—	Clear -RC at 19/07/21 08:40
Right Lower Auscultation	—	—	—	—	Clear -RC at 19/07/21 08:40
Cough (spontaneous/natural cough)	—	—	None -RC at 19/07/21 08:44	—	None -RC at 19/07/21 08:40
Skin Colour	Appropriate for ethnicity -RC at 19/07/21 08:44	—	Appropriate for ethnicity -RC at 19/07/21 08:44	—	Appropriate for ethnicity -RC at 19/07/21 08:40
Skin Condition/Temp	Warm -RC at 19/07/21 08:44	—	Warm -RC at 19/07/21 08:44	—	Warm -RC at 19/07/21 08:40
Cyanosis	None -RC at 19/07/21 08:44	—	None -RC at 19/07/21 08:44	—	None -RC at 19/07/21 08:40
Capillary Refill - Peripheral	Greater than 3 seconds -RC at 19/07/21 08:44	—	Greater than 3 seconds -RC at 19/07/21 08:44	—	Greater than 3 seconds -RC at 19/07/21 08:40
Capillary Refill - Central	Less than/equal to 3 seconds -RC at 19/07/21 08:44	—	Less than/equal to 3 seconds -RC at 19/07/21 08:44	—	Less than/equal to 3 seconds -RC at 19/07/21 08:40
Oedema	None -RC at 19/07/21 08:44	—	None -RC at 19/07/21 08:44	—	None -RC at 19/07/21 08:40
Anti-Embolism Stockings (TEDS)	—	—	—	—	On -RC at 19/07/21 08:40
Anti-embolism	—	—	—	—	Removed and skin

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

stockings					checked;Knee length (Left);Knee length (Right) -RC at 19/07/21 08:40
Skin Intact	—	—	—	—	Yes -RC at 19/07/21 08:40
Eye Opening	—	—	None/Not able to obtain (eg eyes closed by swelling) -RC at 19/07/21 08:44	—	—
Best Verbal Response	—	—	None/Not able to obtain (eg ET or tracheostomy tube) -RC at 19/07/21 08:44	—	—
Best Motor Response	—	—	None -RC at 19/07/21 08:44	—	—
Glasgow Coma Scale Score	—	—	3 -RC at 19/07/21 08:44	—	—
Level of consciousness	—	<b>(!) Unresponsive</b> -RC at 19/07/21 08:44	—	—	<b>(!) Unresponsive</b> -RC at 19/07/21 08:40
R Pupil Shape	—	Round -RC at 19/07/21 08:44	—	—	—
L Pupil Shape	—	Round -RC at 19/07/21 08:44	—	—	—
Pain Scale	—	Behavioural Pain Scale (For sedated, ventilated patients only) -RC at 19/07/21 08:44	—	—	Behavioural Pain Scale (For sedated, ventilated patients only) -RC at 19/07/21 08:40
Verbal pain scale at rest	—	—	—	—	Nil -RC at 19/07/21 08:40
Verbal pain scale on movement	—	—	—	—	Nil -RC at 19/07/21 08:40
Facial Expression	—	Relaxed -RC at 19/07/21 08:44	—	Relaxed -RC at 19/07/21 08:44	—
Upper Limbs	—	No movement -RC at 19/07/21 08:44	—	No movement -RC at 19/07/21 08:44	—
Compliance with Ventilation	—	Tolerating movement -RC at 19/07/21 08:44	—	Tolerating movement -RC at 19/07/21 08:44	—
Behavioural Pain Scale Total Score	—	3 -RC at 19/07/21 08:44	—	3 -RC at 19/07/21 08:44	—
All pressure areas observed	—	—	—	—	Yes -RC at 19/07/21 08:40
Head	—	—	—	—	Intact -RC at 19/07/21 08:40
Left Shoulder	—	—	—	—	Intact -RC at 19/07/21 08:40
Right Shoulder	—	—	—	—	Intact -RC at 19/07/21 08:40
Left Elbow	—	—	—	—	Intact -RC at 19/07/21 08:40
Right Elbow	—	—	—	—	Intact -RC at 19/07/21 08:40
Left Hip	—	—	—	—	Intact -RC at 19/07/21 08:40
Right Hip	—	—	—	—	Intact -RC at 19/07/21 08:40
Left Heel	—	—	—	—	Intact -RC at 19/07/21 08:40
Right Heel	—	—	—	—	Intact -RC at 19/07/21 08:40
Left Buttock	—	—	—	—	Intact -RC at 19/07/21 08:40
Right Buttock	—	—	—	—	Intact -RC at 19/07/21 08:40

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Sacrum	—	—	—	—	Intact -RC at 19/07/21 08:40
Face	—	—	—	—	Yes -RC at 19/07/21 08:40
Right Cheek	—	—	—	—	Intact -RC at 19/07/21 08:40
Left Cheek	—	—	—	—	Intact -RC at 19/07/21 08:40
Right Ear	—	—	—	—	Intact -RC at 19/07/21 08:40
Left Ear	—	—	—	—	Intact -RC at 19/07/21 08:40
Nose	—	—	—	—	Intact -RC at 19/07/21 08:40
Forehead	—	—	—	—	Intact -RC at 19/07/21 08:40
Chin	—	—	—	—	Intact -RC at 19/07/21 08:40
Surface	—	—	—	—	Standard Evolution mattress -RC at 19/07/21 08:40
Reposition	—	—	—	—	Bed - Upright > 40 degrees -RC at 19/07/21 08:40
Patient clean and dry	—	—	—	—	Yes -RC at 19/07/21 08:40
Damp dusting	—	—	—	—	Yes -RC at 19/07/21 08:40
Disposable equipment in date	—	—	—	—	Yes -RC at 19/07/21 08:40
Spare oral airways	—	—	—	—	Yes -RC at 19/07/21 08:40
Oxygen and suction working	—	—	—	—	Yes -RC at 19/07/21 08:40
Rebreath and Ambu bag available	—	—	—	—	Yes -RC at 19/07/21 08:40
Visor/Goggles at bedside	—	—	—	—	Yes -RC at 19/07/21 08:40
Spare oxygen cylinder	—	—	—	—	Yes -RC at 19/07/21 08:40
Spare trachy inner tubes/dilator	—	—	—	—	N/A -RC at 19/07/21 08:40
Suction equipment available	—	—	—	—	Yes -RC at 19/07/21 08:40
Monitor alarms appropriate	—	—	—	—	Yes -RC at 19/07/21 08:40
Ventilator alarms appropriate	—	—	—	—	Yes -RC at 19/07/21 08:40
Transducer	—	—	—	—	Transducer kit labelled correctly;Transduc er/s re-zeroed -RC at 19/07/21 08:40
Medications/MA R	—	—	—	—	Prescriptions/dosa ges checked and correct;Allergies checked and documented;Giving sets/lines in date;Discontinued infusions "stopped" on MAR

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Nutrition status assessed?	—	—	—	—	-RC at 19/07/21 08:40 No - requires dietitian input
Resus status up to date	—	—	—	—	-RC at 19/07/21 08:40 Yes
Name band in situ	—	—	—	—	-RC at 19/07/21 08:40 Yes
NOK details correct	—	—	—	—	-RC at 19/07/21 08:40 Yes
Property checked	—	—	—	—	-RC at 19/07/21 08:40 No
Any red risks on the huddle board	—	—	—	—	-RC at 19/07/21 08:40 Family at bedside

**Row Name 18/07/21 17:00**

ETT Properties Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45

Medications/MAR  
R Prescriptions/doses checked and correct; Allergies checked and documented; Giving sets/lines in date; Discontinued infusions "stopped" on MAR  
-JN at 18/07/21 19:06

**ICU Mobility Scale**

Row Name	21/07/21 16:00	20/07/21 13:00	19/07/21 15:00
Classification	Nothing (lying in bed) -JP at 21/07/21 16:11	Nothing (lying in bed) -JP at 20/07/21 13:58	Nothing (lying in bed) -JP at 19/07/21 15:46

**ICU Targets**

Row Name	21/07/21 09:35	19/07/21 10:34	19/07/21 09:33
MAP	70 - 80mmHg -LW at 21/07/21 09:35	70 - 80mmHg -LG at 19/07/21 10:35	70 - 80mmHg -LG at 19/07/21 09:34
SpO2	94 - 98% -LW at 21/07/21 09:35	94 - 98% -LG at 19/07/21 10:35	94 - 98% -LG at 19/07/21 09:34
PaO2	10 - 13kPa -DC at 21/07/21 21:42	10 - 13kPa -LG at 19/07/21 10:35	10 - 13kPa -LG at 19/07/21 09:34
PaCO2	<5kPa -DC at 21/07/21 21:42	<5kPa -LG at 19/07/21 10:35	5 - 6kPa -LG at 19/07/21 09:34
pH	7.35 - 7.45 -LW at 21/07/21 09:35	7.35 - 7.45 -LG at 19/07/21 10:35	7.35 - 7.45 -LG at 19/07/21 09:34
Haemoglobin	80 - 100g/L -LW at 21/07/21 09:35	80 - 100g/L -LG at 19/07/21 10:35	80 - 100g/L -LG at 19/07/21 09:34
Fluid Balance	Neutral -LW at 21/07/21 09:35	Neutral -LG at 19/07/21 10:35	Neutral -LG at 19/07/21 09:34
RASS	-1 -LW at 21/07/21 09:35	0 -LG at 19/07/21 10:35	-1 -LG at 19/07/21 09:34
Ready for discharge?	No -LW at 21/07/21 09:35	No -LG at 19/07/21 10:35	No -LG at 19/07/21 09:34

**Intake/Output**

Row Name	22/07/21 14:03	22/07/21 14:00	22/07/21 13:44	22/07/21 13:42	22/07/21 13:33
Dose	*50 mg -WM at 22/07/21 14:16	—			

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Row Name	22/07/21 11:00	22/07/21 10:35	22/07/21 10:00	22/07/21 09:00	22/07/21 08:41
(mcg/kg/min) Rocuronium	10 mg/mL -WM at 22/07/21 14:16	10 mg/mL -WM at 22/07/21 14:16	10 mg/mL -WM at 22/07/21 14:16	10 mg/mL -WM at 22/07/21 14:16	—
Concentration Rocuronium	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
External Urinary Catheter Properties	Placement Date: 19/07/21 -DS, 19/07/21 12:13 Placement Time: 12:12 -DS, 19/07/21 12:13 Inserted by: nurse -DS, 19/07/21 12:13 Hand Hygiene Completed: Yes -DS, 19/07/21 12:13 NEX Measurement: 55 cm -DS, 19/07/21 12:13 Feeding Tube Type: NG -DS, 19/07/21 12:13 Tube Size (Fr.): 8 Fr. -DS, 19/07/21 12:13 Feeding Tube Location: Right nare -DS, 19/07/21 12:13 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Feeding Tube Properties	—	—	25 mL/hr -ZS at 22/07/21 11:09	25 mL/hr -ZS at 22/07/21 09:19	—
Rate	—	—	25 mL -ZS at 22/07/21 11:09	25 mL -ZS at 22/07/21 09:20	—
Volume (mL)	—	—	25 mL -ZS at 22/07/21 11:09	25 mL -ZS at 22/07/21 09:20	—
Pump Volume Infused (mL)	—	—	—	—	*1000 mg -ZS at 22/07/21 08:41
Dose	—	—	—	—	100 -ZS at 22/07/21 09:13
Volume (mL)	—	—	—	—	100 mL -ZS at 22/07/21 09:13
Pump Volume Infused (mL)	—	*0.1 mg/hr -ZS at 22/07/21 10:35	—	—	—
Dose	1 -ZS at 22/07/21 11:09	1 -ZS at 22/07/21 10:44	—	—	—
Volume (mL)	1 mL -ZS at 22/07/21 11:09	1 mL -ZS at 22/07/21 10:44	—	—	—
Pump Volume Infused (mL)	0 Units/hr -ZS at 22/07/21 11:09	—	—	4 Units/hr -ZS at 22/07/21 09:19	—
Dose (units/hr) Insulin (Actrapid)	0 mL/hr -ZS at 22/07/21 11:09	—	—	4 mL/hr -ZS at 22/07/21 09:19	—
Rate Insulin (Actrapid)	0 mL -ZS at 22/07/21 11:09	—	—	4 mL -ZS at 22/07/21 09:20	—
Volume (mL) Insulin (Actrapid)	0 mL -ZS at 22/07/21 11:09	—	—	4 mL -ZS at 22/07/21 09:20	—
Pump Volume Infused (mL)	1 Units/mL -ZS at 22/07/21 11:09	—	—	1 Units/mL -ZS at 22/07/21 09:19	—
Concentration Insulin (Actrapid)	0 -ZS at 22/07/21 11:09	—	—	0.048 -ZS at 22/07/21 09:13	—
Dose (mcg/kg/min) Noradrenaline	0 mL/hr -ZS at 22/07/21 11:09	—	—	1 mL/hr -ZS at 22/07/21 09:13	—
Rate Norepinephrine	—	—	—	1 mL -ZS at 22/07/21 09:13	—
Volume (mL) Noradrenaline	—	—	—	1 mL -ZS at 22/07/21 09:13	—
Pump Volume Infused (mL)	0.16 mg/mL -ZS at 22/07/21 11:09	—	—	0.16 mg/mL -ZS at 22/07/21 09:13	—
Concentration Noradrenaline	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
External Urinary Catheter Properties	—	—	—	100 mL -ZS at 22/07/21 09:13	—
Output (mL)	Placement Date: 19/07/21 -DS, 19/07/21 12:13 Placement Time: 12:12 -DS, 19/07/21 12:13 Inserted by: nurse -DS, 19/07/21 12:13 Hand Hygiene Completed: Yes -DS, 19/07/21 12:13 NEX Measurement: 55 cm -DS, 19/07/21 12:13 Feeding Tube Type: NG -DS, 19/07/21 12:13 Tube Size (Fr.): 8 Fr. -DS, 19/07/21 12:13 Feeding Tube Location: Right nare -DS, 19/07/21 12:13 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Feeding Tube Properties	0 mL -ZS at 22/07/21 11:09	—	33 mL -ZS at 22/07/21 11:09	33 mL -ZS at 22/07/21 09:13	—
Intake (mL)					

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Output (mL)	—	—	—	0 mL -ZS at 22/07/21 09:13	—
<b>Row Name</b>	<b>22/07/21 08:00</b>	<b>22/07/21 07:21</b>	<b>22/07/21 07:14</b>	<b>22/07/21 07:00</b>	<b>22/07/21 06:00</b>
I.V.	—	—	—	—	250 mL -HN at 22/07/21 06:31
Rate	—	—	25 mL/hr -HN at 22/07/21 07:14	—	—
Volume (mL)	25 mL -HN at 22/07/21 08:01	—	—	—	—
Pump Volume Infused (mL)	25 mL -HN at 22/07/21 08:01	—	—	—	—
Volume (mL)	—	—	—	25 mL -HN at 22/07/21 07:02	25 mL -HN at 22/07/21 06:12
Pump Volume Infused (mL)	—	—	—	25 mL -HN at 22/07/21 07:02	25 mL -HN at 22/07/21 06:12
Dose (units/hr) Insulin (Actrapid)	3 Units/hr -HN at 22/07/21 08:00	—	—	—	—
Rate Insulin (Actrapid)	3 mL/hr -HN at 22/07/21 08:00	—	—	—	—
Volume (mL) Insulin (Actrapid)	3 mL -HN at 22/07/21 08:01	—	—	—	—
Pump Volume Infused (mL)	3 mL -HN at 22/07/21 08:01	—	—	—	—
Concentration Insulin (Actrapid)	1 Units/mL -HN at 22/07/21 08:00	1 Units/mL -HN at 22/07/21 07:39	—	—	—
Dose (mcg/kg/min) Noradrenaline	0.048 micrograms/kg/min -HN at 22/07/21 08:00	—	—	0.058 micrograms/kg/min -HN at 22/07/21 07:02	0.126 micrograms/kg/min -HN at 22/07/21 06:12
Rate Norepinephrine	1 mL/hr -HN at 22/07/21 08:00	—	—	1.2 mL/hr -HN at 22/07/21 07:02	2.6 mL/hr -HN at 22/07/21 06:12
Volume (mL) Noradrenaline	1 mL -HN at 22/07/21 08:01	—	—	1.2 mL -HN at 22/07/21 07:02	2.6 mL -HN at 22/07/21 06:12
Pump Volume Infused (mL)	1 mL -HN at 22/07/21 08:01	—	—	1.2 mL -HN at 22/07/21 07:02	2.6 mL -HN at 22/07/21 06:12
Concentration Noradrenaline	0.16 mg/mL -HN at 22/07/21 08:00	—	—	0.16 mg/mL -HN at 22/07/21 07:02	0.16 mg/mL -HN at 22/07/21 06:12
External Urinary Catheter Properties	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
Output (mL)	90 mL -HN at 22/07/21 08:01	—	—	45 mL -HN at 22/07/21 07:02	540 mL -HN at 22/07/21 06:12
Feeding Tube Properties	Placement Date: 19/07/21 -DS, 19/07/21 12:13 Placement Time: 12:12 -DS, 19/07/21 12:13 Inserted by: nurse -DS, 19/07/21 12:13 Hand Hygiene Completed: Yes -DS, 19/07/21 12:13 NEX Measurement: 55 cm -DS, 19/07/21 12:13 Feeding Tube Type: NG -DS, 19/07/21 12:13 Tube Size (Fr.): 8 Fr. -DS, 19/07/21 12:13 Feeding Tube Location: Right nare -DS, 19/07/21 12:13 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Intake (mL)	33 mL -HN at 22/07/21 08:01	—	—	33 mL -HN at 22/07/21 07:02	33 mL -HN at 22/07/21 06:12
<b>Row Name</b>	<b>22/07/21 05:02</b>	<b>22/07/21 05:00</b>	<b>22/07/21 04:00</b>	<b>22/07/21 03:45</b>	<b>22/07/21 02:00</b>
Volume (mL)	—	25 mL -HN at 22/07/21 05:01	75 mL -HN at 22/07/21 04:04	75 mL -HN at 22/07/21 04:04	75 mL -FM at 22/07/21 02:16
Pump Volume Infused (mL)	—	25 mL -HN at 22/07/21 05:01	75 mL -HN at 22/07/21 04:04	75 mL -HN at 22/07/21 04:04	75 mL -FM at 22/07/21 02:16
Rate	— -HN at 22/07/21 05:20	—	—	—	—
Dose (mcg/kg/min) Noradrenaline	—	0.155 micrograms/kg/min -HN at 22/07/21 05:01	0.175 micrograms/kg/min -HN at 22/07/21 04:03	0.184 micrograms/kg/min -HN at 22/07/21 04:03	0.184 micrograms/kg/min -FM at 22/07/21 02:16
Rate Norepinephrine	—	3.2 mL/hr -HN at 22/07/21 05:01	3.6 mL/hr -HN at 22/07/21 04:03	3.8 mL/hr -HN at 22/07/21 04:03	3.8 mL/hr -FM at 22/07/21 02:16
Volume (mL) Noradrenaline	—	3.2 mL -HN at 22/07/21 05:01	3.6 mL -HN at 22/07/21 04:04	3.8 mL -HN at 22/07/21 04:04	3.8 mL -FM at 22/07/21 02:17
Pump Volume Infused (mL)	—	3.2 mL -HN at 22/07/21 05:01	3.6 mL -HN at 22/07/21 04:04	—	3.8 mL -FM at 22/07/21 02:17
Concentration	—	0.16 mg/mL	0.16 mg/mL	0.16 mg/mL	0.16 mg/mL

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Noradrenaline		-HN at 22/07/21 05:01	-HN at 22/07/21 04:03	-HN at 22/07/21 04:03	-FM at 22/07/21 02:16
External Urinary Catheter Properties	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
Output (mL)	—	25 mL -HN at 22/07/21 05:01	30 mL -HN at 22/07/21 04:04	35 mL -HN at 22/07/21 04:04	80 mL -FM at 22/07/21 02:17
Feeding Tube Properties	Placement Date: 19/07/21 -DS, 19/07/21 12:13 Placement Time: 12:12 -DS, 19/07/21 12:13 Inserted by: nurse -DS, 19/07/21 12:13 Hand Hygiene Completed: Yes -DS, 19/07/21 12:13 NEX Measurement: 55 cm -DS, 19/07/21 12:13 Feeding Tube Type: NG -DS, 19/07/21 12:13 Tube Size (Fr.): 8 Fr. -DS, 19/07/21 12:13 Feeding Tube Location: Right nare -DS, 19/07/21 12:13 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Intake (mL)	—	33 mL -HN at 22/07/21 05:01	33 mL -HN at 22/07/21 04:04	33 mL -HN at 22/07/21 04:04	33 mL -FM at 22/07/21 02:17
Output (mL)	—	0 mL -HN at 22/07/21 05:01	—	—	—
<b>Row Name</b>	<b>22/07/21 01:00</b>	<b>22/07/21 00:35</b>	<b>22/07/21 00:00</b>	<b>21/07/21 23:47</b>	<b>21/07/21 23:00</b>
Volume (mL)	75 mL -HN at 22/07/21 01:01	—	125 mL -HN at 22/07/21 00:27	—	125 mL -HN at 21/07/21 23:17
Pump Volume Infused (mL)	75 mL -HN at 22/07/21 01:01	—	125 mL -HN at 22/07/21 00:27	—	125 mL -HN at 21/07/21 23:17
Rate	—	—	—	—	50 mL/hr -HN at 21/07/21 23:14
Volume (mL)	—	—	50 mL -HN at 22/07/21 00:32	—	50 mL -HN at 21/07/21 23:17
Pump Volume Infused (mL)	—	—	50 mL -HN at 22/07/21 00:32	—	50 mL -HN at 21/07/21 23:17
Dose	—	—	—	*825 mg -HN at 21/07/21 23:48	—
Volume (mL)	—	—	—	100 -HN at 22/07/21 00:27	—
Pump Volume Infused (mL)	—	—	—	100 mL -HN at 22/07/21 00:27	—
Dose (g)	—	5 g -HN at 22/07/21 00:47	—	—	—
Magnesium	—	—	—	—	—
Rate Magnesium	—	250 mL/hr -HN at 22/07/21 00:47	—	—	—
Volume (mL)	—	100 mL -HN at 22/07/21 01:04	—	—	—
Pump Volume Infused (mL)	—	100 mL -HN at 22/07/21 01:04	—	—	—
Concentration Magnesium	—	0.02 g/mL -HN at 22/07/21 00:47	—	—	—
Dose (mcg/kg/min)	0.184 micrograms/kg/min -HN at 22/07/21 01:01	—	0.194 micrograms/kg/min -HN at 22/07/21 00:26	—	0.242 micrograms/kg/min -HN at 21/07/21 23:17
Noradrenaline	—	—	—	—	—
Rate	3.8 mL/hr -HN at 22/07/21 01:01	—	4 mL/hr -HN at 22/07/21 00:26	—	5 mL/hr -HN at 21/07/21 23:17
Norepinephrine	—	—	—	—	—
Volume (mL)	3.8 mL -HN at 22/07/21 01:01	—	4 mL -HN at 22/07/21 00:27	—	5 mL -HN at 21/07/21 23:17
Noradrenaline	—	—	—	—	—
Pump Volume Infused (mL)	3.8 mL -HN at 22/07/21 01:01	—	4 mL -HN at 22/07/21 00:27	—	5 mL -HN at 21/07/21 23:17
Concentration Noradrenaline	0.16 mg/mL -HN at 22/07/21 01:01	—	0.16 mg/mL -HN at 22/07/21 00:26	—	0.16 mg/mL -HN at 21/07/21 23:17
External Urinary Catheter Properties	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
Output (mL)	30 mL -HN at 22/07/21 01:01	—	100 mL -HN at 22/07/21 00:32	—	100 mL -HN at 21/07/21 23:17
Feeding Tube Properties	Placement Date: 19/07/21 -DS, 19/07/21 12:13 Placement Time: 12:12 -DS, 19/07/21 12:13 Inserted by: nurse -DS, 19/07/21 12:13 Hand Hygiene Completed: Yes -DS, 19/07/21 12:13 NEX Measurement: 55 cm -DS, 19/07/21 12:13 Feeding Tube Type: NG -DS, 19/07/21 12:13 Tube Size (Fr.): 8 Fr. -DS, 19/07/21 12:13 Feeding Tube Location: Right nare -DS, 19/07/21 12:13 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Intake (mL)	33 mL	—	33 mL	—	33 mL

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Row Name	-FM at 22/07/21 02:17 21/07/21 22:00	21/07/21 21:00	-HN at 22/07/21 00:32 21/07/21 20:00	21/07/21 19:00	-HN at 21/07/21 23:17 21/07/21 18:00
Volume (mL)	125 mL -HN at 21/07/21 22:07	125 mL -HN at 21/07/21 22:07	125 mL -HN at 21/07/21 22:07	125 mL -ZS at 21/07/21 19:01	125 mL -ZS at 21/07/21 18:01
Pump Volume Infused (mL)	125 mL -HN at 21/07/21 22:07	125 mL -HN at 21/07/21 22:07	125 mL -HN at 21/07/21 22:07	125 mL -ZS at 21/07/21 19:01	125 mL -ZS at 21/07/21 18:01
Rate	—	50 mL/hr -HN at 21/07/21 22:51	—	—	—
Volume (mL)	50 mL -HN at 21/07/21 23:17	50 mL -HN at 21/07/21 23:17	—	—	—
Pump Volume Infused (mL)	50 mL -HN at 21/07/21 23:17	50 mL -HN at 21/07/21 23:17	—	—	—
Dose (mcg/kg/min) Noradrenaline	—	—	—	—	0.184 micrograms/kg/min -ZS at 21/07/21 18:01
Rate Norepinephrine	— -HN at 21/07/21 22:52	—	—	—	3.8 mL/hr -ZS at 21/07/21 18:01
Volume (mL) Noradrenaline	5.5 mL -HN at 21/07/21 22:07	4.5 mL -HN at 21/07/21 22:07	3.8 mL -HN at 21/07/21 22:07	3.8 mL -ZS at 21/07/21 19:01	3.8 mL -ZS at 21/07/21 18:01
Pump Volume Infused (mL)	5.5 mL -HN at 21/07/21 22:07	4.5 mL -HN at 21/07/21 22:07	3.8 mL -HN at 21/07/21 22:07	3.8 mL -ZS at 21/07/21 19:01	3.8 mL -ZS at 21/07/21 18:01
Concentration Noradrenaline	0.16 mg/mL -HN at 21/07/21 22:52	—	—	—	0.16 mg/mL -ZS at 21/07/21 18:01
External Urinary Catheter Properties	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
Output (mL)	75 mL -HN at 21/07/21 22:07	75 mL -HN at 21/07/21 22:07	—	80 mL -ZS at 21/07/21 19:01	60 mL -ZS at 21/07/21 18:01
Feeding Tube Properties	Placement Date: 19/07/21 -DS, 19/07/21 12:13 Placement Time: 12:12 -DS, 19/07/21 12:13 Inserted by: nurse -DS, 19/07/21 12:13 Hand Hygiene Completed: Yes -DS, 19/07/21 12:13 NEX Measurement: 55 cm -DS, 19/07/21 12:13 Feeding Tube Type: NG -DS, 19/07/21 12:13 Tube Size (Fr.): 8 Fr. -DS, 19/07/21 12:13 Feeding Tube Location: Right nare -DS, 19/07/21 12:13 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Intake (mL)	33 mL -HN at 21/07/21 22:07	33 mL -HN at 21/07/21 22:07	33 mL -HN at 21/07/21 22:07	33 mL -ZS at 21/07/21 19:01	33 mL -ZS at 21/07/21 18:01
Row Name	21/07/21 17:00	21/07/21 16:00	21/07/21 15:43	21/07/21 15:00	21/07/21 14:00
Volume (mL)	125 mL -ZS at 21/07/21 18:01	125 mL -ZS at 21/07/21 16:20	—	125 mL -ZS at 21/07/21 15:44	125 mL -ZS at 21/07/21 14:05
Pump Volume Infused (mL)	125 mL -ZS at 21/07/21 18:01	125 mL -ZS at 21/07/21 16:20	—	125 mL -ZS at 21/07/21 15:44	125 mL -ZS at 21/07/21 14:05
Volume (mL)	—	—	—	—	50 mL -ZS at 21/07/21 15:44
Pump Volume Infused (mL)	—	—	—	—	50 mL -ZS at 21/07/21 15:44
Volume (mL)	—	—	—	—	41.67 mL -ZS at 21/07/21 14:05
Pump Volume Infused (mL)	—	—	—	—	41.7 mL -ZS at 21/07/21 14:05
Dose (mcg/kg/min) Noradrenaline	0.184 micrograms/kg/min -ZS at 21/07/21 18:01	0.184 micrograms/kg/min -ZS at 21/07/21 16:05	0.194 micrograms/kg/min -ZS at 21/07/21 15:43	—	—
Rate Norepinephrine	3.8 mL/hr -ZS at 21/07/21 18:01	3.8 mL/hr -ZS at 21/07/21 16:05	4 mL/hr -ZS at 21/07/21 15:43	—	—
Volume (mL) Noradrenaline	3.8 mL -ZS at 21/07/21 18:01	3.8 mL -ZS at 21/07/21 16:20	—	4 mL -ZS at 21/07/21 15:44	4.5 mL -ZS at 21/07/21 14:05
Pump Volume Infused (mL)	3.8 mL -ZS at 21/07/21 18:01	3.8 mL -ZS at 21/07/21 16:20	—	4 mL -ZS at 21/07/21 15:44	4.5 mL -ZS at 21/07/21 14:05
Concentration Noradrenaline	0.16 mg/mL -ZS at 21/07/21 18:01	0.16 mg/mL -ZS at 21/07/21 16:05	0.16 mg/mL -ZS at 21/07/21 15:43	—	—
External Urinary Catheter Properties	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
Output (mL)	60 mL -ZS at 21/07/21 18:01	100 mL -ZS at 21/07/21 16:20	—	60 mL -ZS at 21/07/21 15:44	60 mL -ZS at 21/07/21 15:44

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Feeding Tube Properties	Placement Date: 19/07/21 -DS, 19/07/21 12:13 Placement Time: 12:12 -DS, 19/07/21 12:13 Inserted by: nurse -DS, 19/07/21 12:13 Hand Hygiene Completed: Yes -DS, 19/07/21 12:13 NEX Measurement: 55 cm -DS, 19/07/21 12:13 Feeding Tube Type: NG -DS, 19/07/21 12:13 Tube Size (Fr.): 8 Fr. -DS, 19/07/21 12:13 Feeding Tube Location: Right nare -DS, 19/07/21 12:13 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Intake (mL)	33 mL -ZS at 21/07/21 18:01	33 mL -ZS at 21/07/21 16:20	—	33 mL -ZS at 21/07/21 15:44	33 mL -ZS at 21/07/21 14:05
<b>Row Name</b>	<b>21/07/21 13:30</b>	<b>21/07/21 13:00</b>	<b>21/07/21 12:08</b>	<b>21/07/21 12:00</b>	<b>21/07/21 11:00</b>
Rate	—	—	—	125 mL/hr -ZS at 21/07/21 12:04	125 mL/hr -ZS at 21/07/21 11:26
Volume (mL)	—	125 mL -ZS at 21/07/21 14:05	—	125 mL -ZS at 21/07/21 12:05	125 mL -ZS at 21/07/21 11:28
Pump Volume Infused (mL)	—	125 mL -ZS at 21/07/21 14:05	—	125 mL -ZS at 21/07/21 12:05	125 mL -ZS at 21/07/21 11:28
Rate	50 mL/hr -JM at 21/07/21 14:17	—	—	—	—
Volume (mL)	50 mL -ZS at 21/07/21 15:44	—	—	—	50 mL -ZS at 21/07/21 11:28
Pump Volume Infused (mL)	50 mL -ZS at 21/07/21 15:44	—	—	—	50 mL -ZS at 21/07/21 11:28
Volume (mL)	—	41.67 mL -ZS at 21/07/21 14:05	—	41.67 mL -ZS at 21/07/21 12:05	41.67 mL -ZS at 21/07/21 12:05
Pump Volume Infused (mL)	—	41.7 mL -ZS at 21/07/21 14:05	—	41.7 mL -ZS at 21/07/21 12:05	41.7 mL -ZS at 21/07/21 11:28
Dose (mcg/kg/min) Noradrenaline	—	—	—	0.194 micrograms/kg/min -ZS at 21/07/21 12:04	0.194 micrograms/kg/min -ZS at 21/07/21 11:27
Rate Norepinephrine	—	—	—	4 mL/hr -ZS at 21/07/21 12:04	4 mL/hr -ZS at 21/07/21 11:27
Volume (mL) Noradrenaline	—	4.5 mL -ZS at 21/07/21 14:05	4.5 mL -ZS at 21/07/21 13:15	4 mL -ZS at 21/07/21 12:05	4 mL -ZS at 21/07/21 11:28
Pump Volume Infused (mL)	—	4.5 mL -ZS at 21/07/21 14:05	4.5 mL -ZS at 21/07/21 13:15	4 mL -ZS at 21/07/21 12:05	4 mL -ZS at 21/07/21 11:28
Concentration Noradrenaline	—	—	0.16 mg/mL -ZS at 21/07/21 12:08	0.16 mg/mL -ZS at 21/07/21 12:04	0.16 mg/mL -ZS at 21/07/21 11:27
External Urinary Catheter Properties	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
Output (mL)	—	60 mL -ZS at 21/07/21 14:05	—	100 mL -ZS at 21/07/21 12:05	200 mL -ZS at 21/07/21 11:28
Feeding Tube Properties	Placement Date: 19/07/21 -DS, 19/07/21 12:13 Placement Time: 12:12 -DS, 19/07/21 12:13 Inserted by: nurse -DS, 19/07/21 12:13 Hand Hygiene Completed: Yes -DS, 19/07/21 12:13 NEX Measurement: 55 cm -DS, 19/07/21 12:13 Feeding Tube Type: NG -DS, 19/07/21 12:13 Tube Size (Fr.): 8 Fr. -DS, 19/07/21 12:13 Feeding Tube Location: Right nare -DS, 19/07/21 12:13 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Intake (mL)	—	33 mL -ZS at 21/07/21 14:05	—	33 mL -ZS at 21/07/21 12:05	133 mL -ZS at 21/07/21 11:28
Output (mL)	—	—	—	—	0 mL -ZS at 21/07/21 11:28
<b>Row Name</b>	<b>21/07/21 10:45</b>	<b>21/07/21 10:30</b>	<b>21/07/21 10:00</b>	<b>21/07/21 09:45</b>	<b>21/07/21 09:00</b>
Rate	—	—	125 mL/hr -JM at 21/07/21 10:12	—	125 mL/hr -ZS at 21/07/21 09:31
Volume (mL)	—	—	125 mL -JM at 21/07/21 10:13	—	125 mL -ZS at 21/07/21 09:42
Pump Volume Infused (mL)	—	—	125 mL -JM at 21/07/21 10:13	—	125 mL -ZS at 21/07/21 09:42
Rate	—	—	—	50 mL/hr -ZS at 21/07/21 10:01	—
Volume (mL)	—	—	—	50 mL -ZS at 21/07/21 11:28	—
Pump Volume Infused (mL)	—	—	—	50 mL -ZS at 21/07/21 11:28	—
Volume (mL)	—	—	41.67 mL -JM at 21/07/21 10:13	—	41.67 mL -ZS at 21/07/21 09:42
Pump Volume Infused (mL)	—	—	41.7 mL -JM at 21/07/21 10:13	—	41.7 mL -ZS at 21/07/21 09:42

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Dose	*0.4 micrograms -JM at 21/07/21 14:18	—	—	—	—
Dose (mcg/kg/min) Noradrenaline	—	—	0.145 micrograms/kg/min -JM at 21/07/21 10:12	—	0.165 micrograms/kg/min -ZS at 21/07/21 09:32
Rate Norepinephrine	—	—	3 mL/hr -JM at 21/07/21 10:12	—	3.4 mL/hr -ZS at 21/07/21 09:32
Volume (mL) Noradrenaline	—	—	3 mL -JM at 21/07/21 10:13	—	3.4 mL -ZS at 21/07/21 09:42
Pump Volume Infused (mL)	—	—	3 mL -JM at 21/07/21 10:13	—	3.4 mL -ZS at 21/07/21 09:42
Concentration Noradrenaline	—	—	0.16 mg/mL -JM at 21/07/21 10:12	—	0.16 mg/mL -ZS at 21/07/21 09:32
External Urinary Catheter Properties	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
Output (mL)	—	500 mL -ZS at 21/07/21 11:28	65 mL -JM at 21/07/21 10:13	—	—
Feeding Tube Properties	Placement Date: 19/07/21 -DS, 19/07/21 12:13 Placement Time: 12:12 -DS, 19/07/21 12:13 Inserted by: nurse -DS, 19/07/21 12:13 Hand Hygiene Completed: Yes -DS, 19/07/21 12:13 NEX Measurement: 55 cm -DS, 19/07/21 12:13 Feeding Tube Type: NG -DS, 19/07/21 12:13 Tube Size (Fr.): 8 Fr. -DS, 19/07/21 12:13 Feeding Tube Location: Right nare -DS, 19/07/21 12:13 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Intake (mL)	—	—	33 mL -JM at 21/07/21 10:13	—	33 mL -ZS at 21/07/21 09:42
<b>Row Name</b>	<b>21/07/21 08:00</b>	<b>21/07/21 07:00</b>	<b>21/07/21 06:45</b>	<b>21/07/21 06:00</b>	<b>21/07/21 05:22</b>
I.V.	—	—	—	250 mL -HN at 21/07/21 06:07	—
Volume (mL)	125 mL -HN at 21/07/21 08:00	125 mL -HN at 21/07/21 07:07	—	125 mL -HN at 21/07/21 06:07	—
Pump Volume Infused (mL)	125 mL -HN at 21/07/21 08:00	125 mL -HN at 21/07/21 07:07	—	125 mL -HN at 21/07/21 06:07	—
Rate	—	—	—	—	50 mL/hr -HN at 21/07/21 05:22
Volume (mL)	—	—	—	50 mL -HN at 21/07/21 06:07	50 mL -HN at 21/07/21 06:07
Pump Volume Infused (mL)	—	—	—	50 mL -HN at 21/07/21 06:07	50 mL -HN at 21/07/21 06:07
Volume (mL)	41.67 mL -HN at 21/07/21 08:00	41.67 mL -HN at 21/07/21 07:07	—	41.67 mL -HN at 21/07/21 06:07	—
Pump Volume Infused (mL)	41.7 mL -HN at 21/07/21 08:00	41.7 mL -HN at 21/07/21 07:07	—	41.7 mL -HN at 21/07/21 06:07	—
Dose (g) Magnesium	—	—	5 g -HN at 21/07/21 06:50	—	—
Rate Magnesium	—	—	100 mL/hr -HN at 21/07/21 06:50	—	—
Volume (mL) Magnesium	—	—	100 mL -HN at 21/07/21 07:07	—	—
Pump Volume Infused (mL)	—	—	100 mL -HN at 21/07/21 07:07	—	—
Concentration Magnesium	—	—	0.02 g/mL -HN at 21/07/21 06:50	—	—
Dose (mcg/kg/min) Noradrenaline	0.165 micrograms/kg/min -HN at 21/07/21 08:00	0.165 micrograms/kg/min -HN at 21/07/21 07:07	—	0.126 micrograms/kg/min -HN at 21/07/21 06:06	—
Rate Norepinephrine	3.4 mL/hr -HN at 21/07/21 08:00	3.4 mL/hr -HN at 21/07/21 07:07	—	2.6 mL/hr -HN at 21/07/21 06:06	—
Volume (mL) Noradrenaline	3.4 mL -HN at 21/07/21 08:00	3.4 mL -HN at 21/07/21 07:07	—	2.6 mL -HN at 21/07/21 06:07	—
Pump Volume Infused (mL)	3.4 mL -HN at 21/07/21 08:00	3.4 mL -HN at 21/07/21 07:07	—	2.6 mL -HN at 21/07/21 06:07	—
Concentration Noradrenaline	0.16 mg/mL -HN at 21/07/21 08:00	0.16 mg/mL -HN at 21/07/21 07:07	—	0.16 mg/mL -HN at 21/07/21 06:06	—
External Urinary Catheter	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal				

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Properties	Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
Output (mL)	35 mL -HN at 21/07/21 08:00	190 mL -HN at 21/07/21 07:07	—	90 mL -HN at 21/07/21 06:07	—
Bowel Opened?	—	No -HN at 21/07/21 07:07	—	—	—
Feeding Tube Properties	Placement Date: 19/07/21 -DS, 19/07/21 12:13 Placement Time: 12:12 -DS, 19/07/21 12:13 Inserted by: nurse -DS, 19/07/21 12:13 Hand Hygiene Completed: Yes -DS, 19/07/21 12:13 NEX Measurement: 55 cm -DS, 19/07/21 12:13 Feeding Tube Type: NG -DS, 19/07/21 12:13 Tube Size (Fr.): 8 Fr. -DS, 19/07/21 12:13 Feeding Tube Location: Right nare -DS, 19/07/21 12:13 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Intake (mL)	33 mL -HN at 21/07/21 08:00	33 mL -HN at 21/07/21 07:07	—	90 mL -HN at 21/07/21 06:07	—
Output (mL)	—	—	—	0 mL -HN at 21/07/21 06:07	—
<b>Row Name</b>	<b>21/07/21 05:00</b>	<b>21/07/21 04:00</b>	<b>21/07/21 03:00</b>	<b>21/07/21 02:23</b>	<b>21/07/21 02:22</b>
Rate	—	—	—	—	100 mL/hr -HN at 21/07/21 02:23
Volume (mL)	125 mL -HN at 21/07/21 05:08	125 mL -MT at 21/07/21 04:06	125 mL -MT at 21/07/21 03:13	—	—
Pump Volume Infused (mL)	125 mL -HN at 21/07/21 05:08	125 mL -MT at 21/07/21 04:06	125 mL -MT at 21/07/21 03:13	—	—
Volume (mL)	—	—	50 mL -MT at 21/07/21 03:13	—	—
Pump Volume Infused (mL)	—	—	50 mL -MT at 21/07/21 03:13	—	—
Rate	—	—	—	—	— -HN at 21/07/21 02:22
Volume (mL)	41.67 mL -HN at 21/07/21 05:08	41.67 mL -MT at 21/07/21 04:06	41.67 mL -MT at 21/07/21 03:13	—	—
Pump Volume Infused (mL)	41.7 mL -HN at 21/07/21 05:08	41.7 mL -MT at 21/07/21 04:06	41.7 mL -MT at 21/07/21 03:13	—	—
Dose (mcg/kg/min) Noradrenaline	0.155 micrograms/kg/min -HN at 21/07/21 05:07	0.199 micrograms/kg/min -MT at 21/07/21 04:05	0.204 micrograms/kg/min -MT at 21/07/21 03:12	—	—
Rate Norepinephrine	3.2 mL/hr -HN at 21/07/21 05:07	4.1 mL/hr -MT at 21/07/21 04:05	4.2 mL/hr -MT at 21/07/21 03:12	—	—
Volume (mL) Noradrenaline	3.2 mL -HN at 21/07/21 05:08	4.1 mL -MT at 21/07/21 04:06	4.2 mL -MT at 21/07/21 03:13	—	—
Pump Volume Infused (mL)	3.2 mL -HN at 21/07/21 05:08	4.1 mL -MT at 21/07/21 04:06	4.2 mL -MT at 21/07/21 03:13	—	—
Concentration Noradrenaline	0.16 mg/mL -HN at 21/07/21 05:07	0.16 mg/mL -MT at 21/07/21 04:05	0.16 mg/mL -MT at 21/07/21 03:12	0.16 mg/mL -HN at 21/07/21 02:23	—
External Urinary Catheter Properties	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
Output (mL)	170 mL -HN at 21/07/21 05:08	20 mL -MT at 21/07/21 04:06	15 mL -MT at 21/07/21 03:13	—	—
Feeding Tube Properties	Placement Date: 19/07/21 -DS, 19/07/21 12:13 Placement Time: 12:12 -DS, 19/07/21 12:13 Inserted by: nurse -DS, 19/07/21 12:13 Hand Hygiene Completed: Yes -DS, 19/07/21 12:13 NEX Measurement: 55 cm -DS, 19/07/21 12:13 Feeding Tube Type: NG -DS, 19/07/21 12:13 Tube Size (Fr.): 8 Fr. -DS, 19/07/21 12:13 Feeding Tube Location: Right nare -DS, 19/07/21 12:13 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Intake (mL)	—	33 mL -MT at 21/07/21 04:06	33 mL -MT at 21/07/21 03:14	—	—
<b>Row Name</b>	<b>21/07/21 02:00</b>	<b>21/07/21 01:26</b>	<b>21/07/21 01:00</b>	<b>21/07/21 00:00</b>	<b>20/07/21 23:00</b>
I.V.	—	—	—	250 mL -HN at 21/07/21 06:07	—
Rate	125 mL/hr -HN at 21/07/21 02:06	—	125 mL/hr -HN at 21/07/21 01:08	125 mL/hr -HN at 21/07/21 00:00	100 mL/hr -HN at 20/07/21 23:04
Volume (mL)	125 mL -HN at 21/07/21 02:07	—	125 mL -HN at 21/07/21 01:08	125 mL -HN at 21/07/21 00:01	100 mL -HN at 20/07/21 23:05
Pump Volume Infused (mL)	125 mL -HN at 21/07/21 02:07	—	125 mL -HN at 21/07/21 01:08	125 mL -HN at 21/07/21 00:01	100 mL -HN at 20/07/21 23:05
Rate	—	50 mL/hr -HN at 21/07/21 01:27	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Volume (mL)	50 mL -HN at 21/07/21 02:07	50 mL -HN at 21/07/21 02:07	—	—	—
Pump Volume Infused (mL)	50 mL -HN at 21/07/21 02:07	50 mL -HN at 21/07/21 02:07	—	—	—
Dose (mcg/kg/min) Noradrenaline	0.194 micrograms/kg/min -HN at 21/07/21 02:06	—	0.179 micrograms/kg/min -HN at 21/07/21 01:08	0.17 micrograms/kg/min -HN at 21/07/21 00:00	0.17 micrograms/kg/min -HN at 20/07/21 23:05
Rate Norepinephrine	4 mL/hr -HN at 21/07/21 02:06	—	3.7 mL/hr -HN at 21/07/21 01:08	3.5 mL/hr -HN at 21/07/21 00:00	3.5 mL/hr -HN at 20/07/21 23:05
Volume (mL) Noradrenaline	4 mL -HN at 21/07/21 02:07	—	3.7 mL -HN at 21/07/21 01:08	3.5 mL -HN at 21/07/21 00:01	3.5 mL -HN at 20/07/21 23:05
Pump Volume Infused (mL)	4 mL -HN at 21/07/21 02:07	—	3.7 mL -HN at 21/07/21 01:08	3.5 mL -HN at 21/07/21 00:01	3.5 mL -HN at 20/07/21 23:05
Concentration Noradrenaline	0.16 mg/mL -HN at 21/07/21 02:06	—	0.16 mg/mL -HN at 21/07/21 01:08	0.16 mg/mL -HN at 21/07/21 00:00	0.16 mg/mL -HN at 20/07/21 23:05
External Urinary Catheter Properties	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
Output (mL)	20 mL -HN at 21/07/21 02:07	—	25 mL -HN at 21/07/21 01:08	120 mL -HN at 21/07/21 00:01	500 mL -HN at 20/07/21 23:05
Feeding Tube Properties	Placement Date: 19/07/21 -DS, 19/07/21 12:13 Placement Time: 12:12 -DS, 19/07/21 12:13 Inserted by: nurse -DS, 19/07/21 12:13 Hand Hygiene Completed: Yes -DS, 19/07/21 12:13 NEX Measurement: 55 cm -DS, 19/07/21 12:13 Feeding Tube Type: NG -DS, 19/07/21 12:13 Tube Size (Fr.): 8 Fr. -DS, 19/07/21 12:13 Feeding Tube Location: Right nare -DS, 19/07/21 12:13 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Intake (mL)	33 mL -HN at 21/07/21 02:07	—	33 mL -HN at 21/07/21 01:09	33 mL -HN at 21/07/21 00:01	33 mL -HN at 21/07/21 00:01
Output (mL)	—	—	5 mL -HN at 21/07/21 01:09	—	—
<b>Row Name</b>	<b>20/07/21 22:00</b>	<b>20/07/21 21:02</b>	<b>20/07/21 21:00</b>	<b>20/07/21 20:00</b>	<b>20/07/21 17:00</b>
Rate	100 mL/hr -HN at 20/07/21 22:22	—	100 mL/hr -HN at 20/07/21 21:13	100 mL/hr -GO at 20/07/21 20:04	—
Volume (mL)	100 mL -HN at 20/07/21 22:22	—	100 mL -HN at 20/07/21 21:14	100 mL -GO at 20/07/21 20:05	—
Pump Volume Infused (mL)	100 mL -HN at 20/07/21 22:22	—	100 mL -HN at 20/07/21 21:14	100 mL -GO at 20/07/21 20:05	—
Rate	—	50 mL/hr -MT at 20/07/21 21:02	—	—	—
Volume (mL)	50 mL -HN at 20/07/21 22:22	50 mL -HN at 20/07/21 21:14	—	—	—
Pump Volume Infused (mL)	50 mL -HN at 20/07/21 22:22	50 mL -HN at 20/07/21 21:14	—	—	—
Dose (mcg/kg/min) Noradrenaline	0.145 micrograms/kg/min -HN at 20/07/21 22:22	—	0.145 micrograms/kg/min -HN at 20/07/21 21:13	0.145 micrograms/kg/min -GO at 20/07/21 20:05	0.145 micrograms/kg/min -GO at 20/07/21 17:03
Rate Norepinephrine	3 mL/hr -HN at 20/07/21 22:22	—	3 mL/hr -HN at 20/07/21 21:13	3 mL/hr -GO at 20/07/21 20:05	3 mL/hr -GO at 20/07/21 17:03
Volume (mL) Noradrenaline	3 mL -HN at 20/07/21 22:22	—	3 mL -HN at 20/07/21 21:14	3 mL -GO at 20/07/21 20:05	3 mL -GO at 20/07/21 17:03
Pump Volume Infused (mL)	3 mL -HN at 20/07/21 22:22	—	3 mL -HN at 20/07/21 21:14	3 mL -GO at 20/07/21 20:05	3 mL -GO at 20/07/21 17:03
Concentration Noradrenaline	0.16 mg/mL -HN at 20/07/21 22:22	—	0.16 mg/mL -HN at 20/07/21 21:13	0.16 mg/mL -GO at 20/07/21 20:05	0.16 mg/mL -GO at 20/07/21 17:03
External Urinary Catheter Properties	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
Output (mL)	350 mL -HN at 20/07/21 22:22	—	35 mL -HN at 20/07/21 21:14	450 mL -GO at 20/07/21 20:05	300 mL -GO at 20/07/21 17:03
Feeding Tube Properties	Placement Date: 19/07/21 -DS, 19/07/21 12:13 Placement Time: 12:12 -DS, 19/07/21 12:13 Inserted by: nurse -DS, 19/07/21 12:13 Hand Hygiene Completed: Yes -DS, 19/07/21 12:13 NEX Measurement: 55 cm -DS, 19/07/21 12:13 Feeding Tube Type: NG -DS, 19/07/21 12:13 Tube Size (Fr.): 8 Fr. -DS, 19/07/21 12:13 Feeding Tube Location: Right nare -DS, 19/07/21 12:13 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Placement	—	—	X-ray	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Verification	-HN at 20/07/21 22:40				
CEASE Signs?	—	—	No	—	—
Site assessment	—	—	Skin intact;Tube secure	—	—
Tube Feeding Frequency	—	—	Continuous	—	—
Tube Feeding	—	—	Nepro	—	—
Tube Feeding Strength	—	—	Full strength	—	—
Tube Feeding Method	—	—	Continuous per pump	—	—
Intake (mL)	33 mL -HN at 20/07/21 22:22	—	33 mL -HN at 20/07/21 21:14	—	—
<b>Row Name</b>	<b>20/07/21 16:00</b>	<b>20/07/21 15:00</b>	<b>20/07/21 14:26</b>	<b>20/07/21 14:00</b>	<b>20/07/21 13:00</b>
Rate	—	100 mL/hr -CM at 20/07/21 15:49	—	100 mL/hr -CM at 20/07/21 14:27	100 mL/hr -CM at 20/07/21 13:16
Volume (mL)	—	100 mL -CM at 20/07/21 16:06	—	100 mL -CM at 20/07/21 14:27	100 mL -CM at 20/07/21 13:17
Pump Volume Infused (mL)	—	100 mL -CM at 20/07/21 16:06	—	100 mL -CM at 20/07/21 14:27	100 mL -CM at 20/07/21 13:17
Rate	—	—	50 mL/hr -RBA at 20/07/21 14:27	—	—
Dose (mcg/kg/min) Noradrenaline	0.107 micrograms/kg/min -GO at 20/07/21 16:11	0.048 micrograms/kg/min -CM at 20/07/21 15:49	—	0.048 micrograms/kg/min -CM at 20/07/21 14:27	0.048 micrograms/kg/min -CM at 20/07/21 13:16
Rate Norepinephrine	2.2 mL/hr -GO at 20/07/21 16:11	1 mL/hr -CM at 20/07/21 15:49	—	1 mL/hr -CM at 20/07/21 14:27	1 mL/hr -CM at 20/07/21 13:16
Volume (mL) Noradrenaline	2.2 mL -GO at 20/07/21 16:12	1 mL -CM at 20/07/21 16:06	—	1 mL -CM at 20/07/21 14:27	1 mL -CM at 20/07/21 13:17
Pump Volume Infused (mL)	2.2 mL -GO at 20/07/21 16:12	1 mL -CM at 20/07/21 16:06	—	1 mL -CM at 20/07/21 14:27	1 mL -CM at 20/07/21 13:17
Concentration Noradrenaline	0.16 mg/mL -GO at 20/07/21 16:11	0.16 mg/mL -CM at 20/07/21 15:49	—	0.16 mg/mL -CM at 20/07/21 14:27	0.16 mg/mL -CM at 20/07/21 13:16
External Urinary Catheter Properties	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
Output (mL)	350 mL -GO at 20/07/21 16:12	100 mL -CM at 20/07/21 16:06	—	100 mL -CM at 20/07/21 14:27	90 mL -CM at 20/07/21 13:17
Feeding Tube Properties	Placement Date: 19/07/21 -DS, 19/07/21 12:13 Placement Time: 12:12 -DS, 19/07/21 12:13 Inserted by: nurse -DS, 19/07/21 12:13 Hand Hygiene Completed: Yes -DS, 19/07/21 12:13 NEX Measurement: 55 cm -DS, 19/07/21 12:13 Feeding Tube Type: NG -DS, 19/07/21 12:13 Tube Size (Fr.): 8 Fr. -DS, 19/07/21 12:13 Feeding Tube Location: Right nare -DS, 19/07/21 12:13 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Intake (mL)	—	30 mL -GO at 20/07/21 16:12	—	30 mL -GO at 20/07/21 16:12	30 mL -CM at 20/07/21 13:17
Output (mL)	—	0 mL -GO at 20/07/21 16:12	—	0 mL -GO at 20/07/21 16:12	—
<b>Row Name</b>	<b>20/07/21 12:00</b>	<b>20/07/21 11:00</b>	<b>20/07/21 10:31</b>	<b>20/07/21 10:29</b>	<b>20/07/21 10:00</b>
Rate	100 mL/hr -GO at 20/07/21 12:08	100 mL/hr -GO at 20/07/21 11:10	—	—	100 mL/hr -CM at 20/07/21 10:18
Volume (mL)	100 mL -GO at 20/07/21 12:08	100 mL -GO at 20/07/21 11:10	—	—	100 mL -CM at 20/07/21 10:18
Pump Volume Infused (mL)	100 mL -GO at 20/07/21 12:08	100 mL -GO at 20/07/21 11:10	—	—	100 mL -CM at 20/07/21 10:18
Rate	—	—	—	—	—
Rate	—	—	—	250 mL/hr -CM at 20/07/21 10:30	—
Pump Volume Infused (mL)	—	—	—	250 mL -GO at 20/07/21 11:10	—
Dose (mcg/kg/min)	0.087 micrograms/kg/min	0.121 micrograms/kg/min	—	—	0.145 micrograms/kg/min

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Noradrenaline	-GO at 20/07/21 12:08	-GO at 20/07/21 11:10			-CM at 20/07/21 10:16
Rate	1.8 mL/hr	2.5 mL/hr	—	—	3 mL/hr
Norepinephrine	-GO at 20/07/21 12:08	-GO at 20/07/21 11:10			-CM at 20/07/21 10:16
Volume (mL)	1.8 mL	2.5 mL	—	—	3 mL
Noradrenaline	-GO at 20/07/21 12:08	-GO at 20/07/21 11:10			-CM at 20/07/21 10:16
Pump Volume Infused (mL)	1.8 mL	2.5 mL	—	—	3 mL
Concentration	0.16 mg/mL	0.16 mg/mL	—	—	0.16 mg/mL
Noradrenaline	-GO at 20/07/21 12:08	-GO at 20/07/21 11:10			-CM at 20/07/21 10:16
External Urinary Catheter Properties	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
Output (mL)	100 mL	100 mL	—	—	150 mL
	-GO at 20/07/21 12:08	-GO at 20/07/21 11:10			-CM at 20/07/21 10:15
Feeding Tube Properties	Placement Date: 19/07/21 -DS, 19/07/21 12:13 Placement Time: 12:12 -DS, 19/07/21 12:13 Inserted by: nurse -DS, 19/07/21 12:13 Hand Hygiene Completed: Yes -DS, 19/07/21 12:13 NEX Measurement: 55 cm -DS, 19/07/21 12:13 Feeding Tube Type: NG -DS, 19/07/21 12:13 Tube Size (Fr.): 8 Fr. -DS, 19/07/21 12:13 Feeding Tube Location: Right nare -DS, 19/07/21 12:13 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Intake (mL)	30 mL	30 mL	—	—	20 mL
	-CM at 20/07/21 13:17	-GO at 20/07/21 11:10			-CM at 20/07/21 10:15
<b>Row Name</b>	<b>20/07/21 09:00</b>	<b>20/07/21 08:02</b>	<b>20/07/21 08:00</b>	<b>20/07/21 07:00</b>	<b>20/07/21 06:00</b>
I.V.	—	—	20.84 mL	20.84 mL	20.84 mL
			-HN at 20/07/21 08:08	-HN at 20/07/21 07:10	-HN at 20/07/21 06:09
Rate	100 mL/hr	—	100 mL/hr	100 mL/hr	100 mL/hr
	-CM at 20/07/21 09:51		-HN at 20/07/21 08:08	-HN at 20/07/21 07:10	-HN at 20/07/21 06:08
Volume (mL)	100 mL	—	100 mL	100 mL	100 mL
	-CM at 20/07/21 09:52		-HN at 20/07/21 08:08	-HN at 20/07/21 07:10	-HN at 20/07/21 06:09
Pump Volume Infused (mL)	100 mL	—	100 mL	100 mL	100 mL
	-CM at 20/07/21 09:52		-HN at 20/07/21 08:08	-HN at 20/07/21 07:10	-HN at 20/07/21 06:09
Rate	—	50 mL/hr	—	—	—
		-HN at 20/07/21 08:02			
Volume (mL)	—	—	—	50 mL	50 mL
				-HN at 20/07/21 07:11	-HN at 20/07/21 07:11
Pump Volume Infused (mL)	—	—	—	50 mL	50 mL
				-HN at 20/07/21 07:11	-HN at 20/07/21 07:11
Dose (mcg/kg/min)	0.17	—	0.121	0.087	0.087
Noradrenaline	micrograms/kg/min		micrograms/kg/min	micrograms/kg/min	micrograms/kg/min
	-CM at 20/07/21 10:16		-HN at 20/07/21 08:08	-HN at 20/07/21 07:10	-HN at 20/07/21 06:08
Rate	3.5 mL/hr	—	2.5 mL/hr	1.8 mL/hr	1.8 mL/hr
Norepinephrine	-CM at 20/07/21 10:16		-HN at 20/07/21 08:08	-HN at 20/07/21 07:10	-HN at 20/07/21 06:08
Volume (mL)	3.5 mL	—	2.5 mL	1.8 mL	1.8 mL
Noradrenaline	-CM at 20/07/21 10:16		-HN at 20/07/21 08:08	-HN at 20/07/21 07:10	-HN at 20/07/21 06:09
Pump Volume Infused (mL)	3.5 mL	—	2.5 mL	1.8 mL	1.8 mL
	-CM at 20/07/21 10:16		-HN at 20/07/21 08:08	-HN at 20/07/21 07:10	-HN at 20/07/21 06:09
Concentration	0.16 mg/mL	—	0.16 mg/mL	0.16 mg/mL	0.16 mg/mL
Noradrenaline	-CM at 20/07/21 10:16		-HN at 20/07/21 08:08	-HN at 20/07/21 07:10	-HN at 20/07/21 06:08
External Urinary Catheter Properties	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
Output (mL)	40 mL	—	65 mL	70 mL	180 mL
	-CM at 20/07/21 10:01		-HN at 20/07/21 08:08	-HN at 20/07/21 07:10	-HN at 20/07/21 06:09
Bowel Opened?	—	—	—	—	No
					-HN at 20/07/21 06:09
Feeding Tube Properties	Placement Date: 19/07/21 -DS, 19/07/21 12:13 Placement Time: 12:12 -DS, 19/07/21 12:13 Inserted by: nurse -DS, 19/07/21 12:13 Hand Hygiene Completed: Yes -DS, 19/07/21 12:13 NEX Measurement: 55 cm -DS, 19/07/21 12:13 Feeding Tube Type: NG -DS, 19/07/21 12:13 Tube Size (Fr.): 8 Fr. -DS, 19/07/21 12:13 Feeding Tube Location: Right nare -DS, 19/07/21 12:13 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Intake (mL)	20 mL	—	60 mL	—	20 mL
	-CM at 20/07/21 10:15		-HN at 20/07/21 08:12		-HN at 20/07/21 06:09
<b>Row Name</b>	<b>20/07/21 05:18</b>	<b>20/07/21 05:17</b>	<b>20/07/21 05:00</b>	<b>20/07/21 04:00</b>	<b>20/07/21 03:00</b>
I.V.	—	—	20.84 mL	20.84 mL	20.84 mL
			-HN at 20/07/21 05:03	-EM at 20/07/21 04:08	-HN at 20/07/21 03:10

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Rate	100 mL/hr -RS at 20/07/21 05:18	—	100 mL/hr -HN at 20/07/21 05:02	100 mL/hr -EM at 20/07/21 04:12	100 mL/hr -EM at 20/07/21 04:12
Volume (mL)	—	—	100 mL -HN at 20/07/21 05:03	100 mL -EM at 20/07/21 04:14	100 mL -HN at 20/07/21 03:10
Pump Volume Infused (mL)	—	—	100 mL -HN at 20/07/21 05:03	100 mL -EM at 20/07/21 04:14	100 mL -HN at 20/07/21 03:10
Rate	—	50 mL/hr -RS at 20/07/21 05:18	—	—	—
Dose	*1000 mg -RS at 20/07/21 05:18	—	—	—	—
Volume (mL)	100 -HN at 20/07/21 07:10	—	—	—	—
Pump Volume Infused (mL)	100 mL -HN at 20/07/21 07:10	—	—	—	—
Dose (mcg/kg/min) Noradrenaline	—	—	0.063 micrograms/kg/min -HN at 20/07/21 05:02	0.048 micrograms/kg/min -EM at 20/07/21 04:25	0.024 micrograms/kg/min -EM at 20/07/21 04:25
Rate Norepinephrine	—	—	1.3 mL/hr -HN at 20/07/21 05:02	1 mL/hr -EM at 20/07/21 04:25	0.5 mL/hr -EM at 20/07/21 04:25
Volume (mL) Noradrenaline	—	—	1.3 mL -HN at 20/07/21 05:03	1 mL -EM at 20/07/21 04:25	0.5 mL -EM at 20/07/21 04:25
Pump Volume Infused (mL)	—	—	1.3 mL -HN at 20/07/21 05:03	1 mL -EM at 20/07/21 04:25	0.5 mL -EM at 20/07/21 04:25
Concentration Noradrenaline	—	—	0.16 mg/mL -HN at 20/07/21 05:02	0.16 mg/mL -EM at 20/07/21 04:25	0.16 mg/mL -EM at 20/07/21 04:25
External Urinary Catheter Properties	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
Output (mL)	—	—	120 mL -HN at 20/07/21 05:03	80 mL -EM at 20/07/21 04:14	100 mL -HN at 20/07/21 03:10
Feeding Tube Properties	Placement Date: 19/07/21 -DS, 19/07/21 12:13 Placement Time: 12:12 -DS, 19/07/21 12:13 Inserted by: nurse -DS, 19/07/21 12:13 Hand Hygiene Completed: Yes -DS, 19/07/21 12:13 NEX Measurement: 55 cm -DS, 19/07/21 12:13 Feeding Tube Type: NG -DS, 19/07/21 12:13 Tube Size (Fr.): 8 Fr. -DS, 19/07/21 12:13 Feeding Tube Location: Right nare -DS, 19/07/21 12:13 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Intake (mL)	—	—	20 mL -HN at 20/07/21 05:03	20 mL -EM at 20/07/21 04:14	20 mL -HN at 20/07/21 03:10
<b>Row Name</b>	<b>20/07/21 02:00</b>	<b>20/07/21 01:58</b>	<b>20/07/21 01:00</b>	<b>20/07/21 00:00</b>	<b>19/07/21 23:50</b>
I.V.	20.84 mL -HN at 20/07/21 02:33	—	20.84 mL -HN at 20/07/21 02:33	20.84 mL -HN at 20/07/21 02:33	20.84 mL -HN at 20/07/21 02:33
Rate	100 mL/hr -EM at 20/07/21 04:12	—	—	—	—
Volume (mL)	100 mL -HN at 20/07/21 02:07	—	100 mL -HN at 20/07/21 01:01	100 mL -HN at 20/07/21 00:06	—
Pump Volume Infused (mL)	100 mL -HN at 20/07/21 02:07	—	100 mL -HN at 20/07/21 01:01	100 mL -HN at 20/07/21 00:06	—
Rate	—	50 mL/hr -HN at 20/07/21 01:59	—	—	50 mL/hr -HN at 19/07/21 23:50
Volume (mL)	50 mL -HN at 20/07/21 02:07	—	50 mL -HN at 20/07/21 01:01	50 mL -HN at 20/07/21 00:06	—
Pump Volume Infused (mL)	50 mL -HN at 20/07/21 02:07	—	50 mL -HN at 20/07/21 01:01	50 mL -HN at 20/07/21 00:06	—
External Urinary Catheter Properties	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
Output (mL)	550 mL -HN at 20/07/21 02:07	—	320 mL -HN at 20/07/21 01:01	450 mL -HN at 20/07/21 00:06	—
Feeding Tube Properties	Placement Date: 19/07/21 -DS, 19/07/21 12:13 Placement Time: 12:12 -DS, 19/07/21 12:13 Inserted by: nurse -DS, 19/07/21 12:13 Hand Hygiene Completed: Yes -DS, 19/07/21 12:13 NEX Measurement: 55 cm -DS, 19/07/21 12:13 Feeding Tube Type: NG -DS, 19/07/21 12:13 Tube Size (Fr.): 8 Fr. -DS, 19/07/21 12:13 Feeding Tube Location: Right nare -DS, 19/07/21 12:13 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Placement Verification	X-ray -HN at 20/07/21 06:09	—	—	—	—
Tube length from	55 cm	—	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

exit (cm)	-HN at 20/07/21 06:09				
CEASE Signs?	No	—	—	—	—
	-HN at 20/07/21 06:09				
Site assessment	Skin intact	—	—	—	—
	-HN at 20/07/21 06:09				
Intake (mL)	20 mL	—	10 mL	10 mL	—
	-HN at 20/07/21 02:30		-HN at 20/07/21 01:01		-HN at 20/07/21 00:06
Output (mL)	0 mL	—	—	—	—
	-HN at 20/07/21 02:30				
<b>Row Name</b>	<b>19/07/21 23:00</b>	<b>19/07/21 22:00</b>	<b>19/07/21 21:33</b>	<b>19/07/21 21:00</b>	<b>19/07/21 20:00</b>
I.V.	20.84 mL	20.84 mL	—	20.84 mL	20.84 mL
	-HN at 20/07/21 02:33		-HN at 19/07/21 21:33		-MA at 19/07/21 20:46
Volume (mL)	100 mL	100 mL	—	100 mL	100 mL
	-HN at 19/07/21 23:20		-HN at 19/07/21 22:29		-MA at 19/07/21 20:46
Pump Volume Infused (mL)	100 mL	100 mL	—	100 mL	100 mL
	-HN at 19/07/21 23:20		-HN at 19/07/21 22:29		-MA at 19/07/21 20:46
Volume (mL) Insulin (Actrapid)	—	—	—	—	0 mL
	-MA at 19/07/21 20:46				
Pump Volume Infused (mL)	—	—	—	—	0 mL
	-MA at 19/07/21 20:46				
Dose (mcg/kg/min) Noradrenaline	—	—	0.044 micrograms/kg/min	—	—
	-HN at 19/07/21 21:33				
Rate Norepinephrine	—	—	0.9 mL/hr	—	—
	-HN at 19/07/21 21:33				
Volume (mL) Noradrenaline	—	—	—	0.5 mL	0.9 mL
				-HN at 19/07/21 21:33	
Pump Volume Infused (mL)	—	—	—	0.5 mL	0.9 mL
				-HN at 19/07/21 21:33	
Concentration Noradrenaline	—	—	0.16 mg/mL	—	—
	-HN at 19/07/21 21:33				
External Urinary Catheter Properties	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
Output (mL)	650 mL	500 mL	—	60 mL	60 mL
	-HN at 19/07/21 23:20		-HN at 19/07/21 21:33		-HN at 19/07/21 21:33
Feeding Tube Properties	Placement Date: 19/07/21 -DS, 19/07/21 12:13 Placement Time: 12:12 -DS, 19/07/21 12:13 Inserted by: nurse -DS, 19/07/21 12:13 Hand Hygiene Completed: Yes -DS, 19/07/21 12:13 NEX Measurement: 55 cm -DS, 19/07/21 12:13 Feeding Tube Type: NG -DS, 19/07/21 12:13 Tube Size (Fr.): 8 Fr. -DS, 19/07/21 12:13 Feeding Tube Location: Right nare -DS, 19/07/21 12:13 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Intake (mL)	10 mL	10 mL	—	10 mL	10 mL
	-HN at 19/07/21 23:20		-HN at 19/07/21 21:33		-MA at 19/07/21 20:46
<b>Row Name</b>	<b>19/07/21 19:00</b>	<b>19/07/21 18:00</b>	<b>19/07/21 17:00</b>	<b>19/07/21 16:00</b>	<b>19/07/21 15:00</b>
I.V.	20.84 mL	20.84 mL	20.84 mL	20.84 mL	20.84 mL
	-MA at 19/07/21 19:42				
Volume (mL)	100 mL	100 mL	100 mL	100 mL	100 mL
	-DS at 19/07/21 19:01		-MA at 19/07/21 17:05		-MA at 19/07/21 15:11
Pump Volume Infused (mL)	100 mL	100 mL	100 mL	100 mL	100 mL
	-DS at 19/07/21 19:01		-MA at 19/07/21 17:05		-MA at 19/07/21 15:11
Rate	—	—	50 mL/hr	—	—
	-DS at 19/07/21 18:43				
Volume (mL)	—	50 mL	50 mL	—	—
	-DS at 19/07/21 18:46		-DS at 19/07/21 18:46		
Volume (mL) Insulin (Actrapid)	1 mL	1 mL	1 mL	1 mL	1 mL
	-DS at 19/07/21 19:01				
Pump Volume Infused (mL)	1 mL	1 mL	1 mL	1 mL	1 mL
	-DS at 19/07/21 19:01				
Dose (mcg/kg/min) Noradrenaline	0.058 micrograms/kg/min	0.058 micrograms/kg/min	0.039 micrograms/kg/min	0.048 micrograms/kg/min	0.063 micrograms/kg/min
	-DS at 19/07/21 19:01		-MA at 19/07/21 17:05		-MA at 19/07/21 15:10
Rate Norepinephrine	1.2 mL/hr	1.2 mL/hr	0.8 mL/hr	1 mL/hr	1.3 mL/hr
	-DS at 19/07/21 19:01		-MA at 19/07/21 16:34		-MA at 19/07/21 15:10
Volume (mL) Noradrenaline	1.2 mL	1.2 mL	0.8 mL	1 mL	1.3 mL
	-DS at 19/07/21 19:01		-MA at 19/07/21 16:34		-MA at 19/07/21 15:11

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Pump Volume Infused (mL)	1.2 mL -DS at 19/07/21 19:01	1.2 mL -DS at 19/07/21 18:46	0.8 mL -MA at 19/07/21 17:05	1 mL -MA at 19/07/21 16:34	1.3 mL -MA at 19/07/21 15:11
Concentration Noradrenaline	0.16 mg/mL -DS at 19/07/21 19:01	0.16 mg/mL -DS at 19/07/21 18:44	0.16 mg/mL -MA at 19/07/21 17:05	0.16 mg/mL -MA at 19/07/21 16:34	0.16 mg/mL -MA at 19/07/21 15:10
External Urinary Catheter Properties	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
Output (mL)	55 mL -DS at 19/07/21 19:01	50 mL -DS at 19/07/21 18:46	50 mL -MA at 19/07/21 17:05	15 mL -MA at 19/07/21 16:34	30 mL -MA at 19/07/21 15:11
Feeding Tube Properties	Placement Date: 19/07/21 -DS, 19/07/21 12:13 Placement Time: 12:12 -DS, 19/07/21 12:13 Inserted by: nurse -DS, 19/07/21 12:13 Hand Hygiene Completed: Yes -DS, 19/07/21 12:13 NEX Measurement: 55 cm -DS, 19/07/21 12:13 Feeding Tube Type: NG -DS, 19/07/21 12:13 Tube Size (Fr.): 8 Fr. -DS, 19/07/21 12:13 Feeding Tube Location: Right nare -DS, 19/07/21 12:13 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Intake (mL)	10 mL -DS at 19/07/21 19:01	—	—	—	—
<b>Row Name</b>	<b>19/07/21 14:00</b>	<b>19/07/21 13:00</b>	<b>19/07/21 12:00</b>	<b>19/07/21 11:00</b>	<b>19/07/21 10:49</b>
I.V.	20.84 mL -MA at 19/07/21 19:42	20.84 mL -MA at 19/07/21 19:42	20.84 mL -MA at 19/07/21 19:42	20.84 mL -MA at 19/07/21 19:42	—
Volume (mL)	100 mL -MA at 19/07/21 15:11	100 mL -DS at 19/07/21 13:06	—	—	—
Pump Volume Infused (mL)	100 mL -MA at 19/07/21 15:11	100 mL -DS at 19/07/21 13:06	—	—	—
Rate	—	—	—	—	250 mL/hr -DS at 19/07/21 10:50
Volume (mL)	—	—	250 mL -DS at 19/07/21 12:03	250 mL -DS at 19/07/21 11:07	—
Pump Volume Infused (mL)	—	—	250 mL -DS at 19/07/21 12:03	250 mL -DS at 19/07/21 11:07	—
Rate	—	50 mL/hr -DS at 19/07/21 13:08	—	—	—
Volume (mL)	—	100 mL -MA at 19/07/21 13:44	—	—	—
Dose (mcg/hr) Fentanyl	—	—	—	0 micrograms/hr -DS at 19/07/21 11:08	—
Rate Fentanyl	—	—	—	0 mL/hr -DS at 19/07/21 11:08	—
Volume (mL) Fentanyl	—	—	—	1 mL -DS at 19/07/21 11:07	—
Pump Volume Infused (mL)	—	—	—	1 -DS at 19/07/21 11:07	—
Concentration Fentanyl	—	—	—	50 micrograms/mL -DS at 19/07/21 11:08	—
Dose (units/hr) Insulin (Actrapid)	—	—	1 Units/hr -DS at 19/07/21 13:07	—	—
Rate Insulin (Actrapid)	—	—	1 mL/hr -DS at 19/07/21 13:07	—	—
Volume (mL) Insulin (Actrapid)	1 mL -DS at 19/07/21 18:46	0 mL -DS at 19/07/21 13:06	1 mL -DS at 19/07/21 13:06	—	—
Pump Volume Infused (mL)	1 mL -DS at 19/07/21 18:46	0 mL -DS at 19/07/21 13:06	1 mL -DS at 19/07/21 13:06	—	—
Concentration Insulin (Actrapid)	—	—	1 Units/mL -DS at 19/07/21 13:07	—	—
Dose (mcg/kg/min) Noradrenaline	0.082 micrograms/kg/min -MA at 19/07/21 15:10	0.082 micrograms/kg/min -DS at 19/07/21 13:05	0.092 micrograms/kg/min -DS at 19/07/21 12:02	0.082 micrograms/kg/min -DS at 19/07/21 11:06	—
Rate Norepinephrine	1.7 mL/hr -MA at 19/07/21 15:10	1.7 mL/hr -DS at 19/07/21 13:05	1.9 mL/hr -DS at 19/07/21 12:02	1.7 mL/hr -DS at 19/07/21 11:06	—
Volume (mL) Noradrenaline	1.7 mL -MA at 19/07/21 15:11	1.7 mL -DS at 19/07/21 13:06	1.9 mL -DS at 19/07/21 12:03	1.7 mL -DS at 19/07/21 11:07	—
Pump Volume Infused (mL)	1.7 mL -MA at 19/07/21 15:11	1.7 mL -DS at 19/07/21 13:06	1.9 mL -DS at 19/07/21 12:03	1.7 mL -DS at 19/07/21 11:07	—
Concentration Noradrenaline	0.16 mg/mL -MA at 19/07/21 15:10	0.16 mg/mL -DS at 19/07/21 13:05	0.16 mg/mL -DS at 19/07/21 12:02	0.16 mg/mL -DS at 19/07/21 11:06	—
Dose (mg/kg/hr)	—	—	—	*0 mg/hr	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Propofol					-DS at 19/07/21 11:08
Rate Propofol	—	—	—	0 mL/hr	—
					-DS at 19/07/21 11:08
Volume (mL) Propofol	—	—	—	10 mL	—
					-DS at 19/07/21 11:07
Pump Volume Infused (mL)	—	—	—	10 mL	—
					-DS at 19/07/21 11:07
Concentration Propofol	—	—	—	20 mg/mL	—
					-DS at 19/07/21 11:08
External Urinary Catheter Properties	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
Output (mL)	20 mL -MA at 19/07/21 15:11	25 mL -DS at 19/07/21 13:06	20 mL -DS at 19/07/21 12:03	25 mL -DS at 19/07/21 11:07	—
Bowel Opened?	—	—	—	No	—
					-DS at 19/07/21 11:07
Feeding Tube Properties	Placement Date: 19/07/21 -DS, 19/07/21 12:13 Placement Time: 12:12 -DS, 19/07/21 12:13 Inserted by: nurse -DS, 19/07/21 12:13 Hand Hygiene Completed: Yes -DS, 19/07/21 12:13 NEX Measurement: 55 cm -DS, 19/07/21 12:13 Feeding Tube Type: NG -DS, 19/07/21 12:13 Tube Size (Fr.): 8 Fr. -DS, 19/07/21 12:13 Feeding Tube Location: Right nare -DS, 19/07/21 12:13 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
<b>Row Name</b>	<b>19/07/21 10:00</b>	<b>19/07/21 09:30</b>	<b>19/07/21 09:00</b>	<b>19/07/21 08:00</b>	<b>19/07/21 07:46</b>
I.V.	20.84 mL -MA at 19/07/21 19:42	—	20.84 mL -MA at 19/07/21 19:42	—	—
Volume (mL)	100 mL -ADB (r) DS (t) at 19/07/21 10:12	—	100 mL -MA at 19/07/21 09:10	100 mL -RC at 19/07/21 08:05	—
Pump Volume Infused (mL)	100 mL -ADB (r) DS (t) at 19/07/21 10:12	—	100 mL -MA at 19/07/21 09:10	100 mL -RC at 19/07/21 08:05	—
Rate	—	—	—	—	—
					-RC at 19/07/21 07:46
Volume (mL)	—	—	—	20.84 mL -RC at 19/07/21 08:05	—
Pump Volume Infused (mL)	—	—	—	20.8 mL -RC at 19/07/21 08:05	—
Volume (mL) Fentanyl	1 mL -DS at 19/07/21 10:36	—	1 mL -DS at 19/07/21 10:36	—	—
Pump Volume Infused (mL)	1 -DS at 19/07/21 12:03	—	1 -DS at 19/07/21 12:03	—	—
Dose (mcg/kg/min) Noradrenaline	0.063 micrograms/kg/min -DS at 19/07/21 10:11	—	0.048 micrograms/kg/min -DS at 19/07/21 10:11	0.048 micrograms/kg/min -RC at 19/07/21 08:04	—
Rate Norepinephrine	1.3 mL/hr -DS at 19/07/21 10:11	—	1 mL/hr -DS at 19/07/21 10:11	1 mL/hr -RC at 19/07/21 08:04	—
Volume (mL) Noradrenaline	1.3 mL -ADB (r) DS (t) at 19/07/21 10:12	—	1 mL -ADB (r) DS (t) at 19/07/21 10:12	1 mL -RC at 19/07/21 08:05	—
Pump Volume Infused (mL)	1.3 mL -ADB (r) DS (t) at 19/07/21 10:12	—	1 mL -ADB (r) DS (t) at 19/07/21 10:12	1 mL -RC at 19/07/21 08:05	—
Concentration Noradrenaline	0.16 mg/mL -DS at 19/07/21 10:11	—	0.16 mg/mL -DS at 19/07/21 10:11	0.16 mg/mL -RC at 19/07/21 08:04	—
Dose (mg/kg/hr) Propofol	*200 mg/hr -DS at 19/07/21 10:12	*200 mg/hr -DS at 19/07/21 10:49	*200 mg/hr -DS at 19/07/21 10:12	*200 mg/hr -RC at 19/07/21 08:05	—
Rate Propofol	10 mL/hr -DS at 19/07/21 10:12	10 mL/hr -DS at 19/07/21 10:49	10 mL/hr -DS at 19/07/21 10:12	10 mL/hr -RC at 19/07/21 08:05	—
Volume (mL) Propofol	10 mL -ADB (r) DS (t) at 19/07/21 10:12	—	10 mL -ADB (r) DS (t) at 19/07/21 10:12	10 mL -RC at 19/07/21 08:05	—
Pump Volume Infused (mL)	10 mL -DS at 19/07/21 10:13	—	10 mL -ADB (r) DS (t) at 19/07/21 10:12	10 mL -RC at 19/07/21 08:05	—
Concentration Propofol	20 mg/mL -DS at 19/07/21 10:12	20 mg/mL -DS at 19/07/21 10:49	20 mg/mL -DS at 19/07/21 10:12	20 mg/mL -RC at 19/07/21 08:05	—
External Urinary Catheter	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal				

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Properties	Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
Output (mL)	60 mL -DS at 19/07/21 10:13	—	60 mL -DS at 19/07/21 10:13	250 mL -RC at 19/07/21 08:05	—
<b>Row Name</b>	<b>19/07/21 07:31</b>	<b>19/07/21 07:00</b>	<b>19/07/21 06:30</b>	<b>19/07/21 06:00</b>	<b>19/07/21 05:00</b>
Rate	—	—	25 mL/hr -RC at 19/07/21 07:34	—	—
Volume (mL)	—	—	100 mL -RC at 19/07/21 08:05	—	—
Pump Volume Infused (mL)	—	—	100 mL -RC at 19/07/21 08:05	—	—
Volume (mL)	—	—	—	400 mL -RC at 19/07/21 06:05	350 mL -RC at 19/07/21 05:06
Pump Volume Infused (mL)	—	—	—	400 mL -RC at 19/07/21 06:05	350 mL -RC at 19/07/21 05:06
Rate	100 mL/hr -RC at 19/07/21 07:31	—	—	—	—
Volume (mL)	100 mL -RC at 19/07/21 08:05	—	—	—	—
Pump Volume Infused (mL)	100 mL -RC at 19/07/21 08:05	—	—	—	—
Dose (mcg/hr) Fentanyl	—	—	—	50 micrograms/hr -RC at 19/07/21 06:04	50 micrograms/hr -RC at 19/07/21 05:06
Rate Fentanyl	—	—	—	1 mL/hr -RC at 19/07/21 06:04	1 mL/hr -RC at 19/07/21 05:06
Volume (mL) Fentanyl	—	—	—	1 mL -RC at 19/07/21 06:05	1 mL -RC at 19/07/21 05:06
Concentration Fentanyl	—	—	—	50 micrograms/mL -RC at 19/07/21 06:04	50 micrograms/mL -RC at 19/07/21 05:06
Dose (mcg/kg/min) Noradrenaline	—	0.048 micrograms/kg/min -RC at 19/07/21 08:04	—	0.039 micrograms/kg/min -RC at 19/07/21 06:04	0.039 micrograms/kg/min -RC at 19/07/21 05:06
Rate Norepinephrine	—	1 mL/hr -RC at 19/07/21 08:04	—	0.8 mL/hr -RC at 19/07/21 06:04	0.8 mL/hr -RC at 19/07/21 05:06
Volume (mL) Noradrenaline	—	1 mL -RC at 19/07/21 08:05	—	0.8 mL -RC at 19/07/21 06:05	0.8 mL -RC at 19/07/21 05:06
Pump Volume Infused (mL)	—	1 mL -RC at 19/07/21 08:05	—	0.8 mL -RC at 19/07/21 06:05	0.8 mL -RC at 19/07/21 05:06
Concentration Noradrenaline	—	0.16 mg/mL -RC at 19/07/21 08:04	—	0.16 mg/mL -RC at 19/07/21 06:04	0.16 mg/mL -RC at 19/07/21 05:06
Dose (mg/kg/hr) Propofol	—	*200 mg/hr -RC at 19/07/21 08:05	—	*200 mg/hr -RC at 19/07/21 06:04	*200 mg/hr -RC at 19/07/21 05:06
Rate Propofol	—	10 mL/hr -RC at 19/07/21 08:05	—	10 mL/hr -RC at 19/07/21 06:04	10 mL/hr -RC at 19/07/21 05:06
Volume (mL) Propofol	—	10 mL -RC at 19/07/21 08:05	—	10 mL -RC at 19/07/21 06:05	10 mL -RC at 19/07/21 05:06
Pump Volume Infused (mL)	—	10 mL -RC at 19/07/21 08:05	—	10 mL -RC at 19/07/21 06:05	10 mL -RC at 19/07/21 05:06
Concentration Propofol	—	20 mg/mL -RC at 19/07/21 08:05	—	20 mg/mL -RC at 19/07/21 06:04	20 mg/mL -RC at 19/07/21 05:06
External Urinary Catheter Properties	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
Output (mL)	—	250 mL -RC at 19/07/21 08:05	—	400 mL -RC at 19/07/21 06:05	350 mL -RC at 19/07/21 05:06
<b>Row Name</b>	<b>19/07/21 04:00</b>	<b>19/07/21 03:00</b>	<b>19/07/21 02:00</b>	<b>19/07/21 01:00</b>	<b>19/07/21 00:59</b>
Volume (mL)	500 mL -RC at 19/07/21 04:47	500 mL -CC at 19/07/21 03:12	100 mL -RC at 19/07/21 02:01	100 mL -RC at 19/07/21 01:12	—
Pump Volume Infused (mL)	500 mL -RC at 19/07/21 04:47	500 mL -CC at 19/07/21 03:12	100 mL -RC at 19/07/21 02:01	100 mL -RC at 19/07/21 01:12	—
Dose (mcg/hr) Fentanyl	100 micrograms/hr -CC at 19/07/21 04:07	100 micrograms/hr -CC at 19/07/21 04:07	100 micrograms/hr -RC at 19/07/21 02:01	100 micrograms/hr -RC at 19/07/21 01:12	—
Rate Fentanyl	2 mL/hr -CC at 19/07/21 04:07	2 mL/hr -CC at 19/07/21 04:07	2 mL/hr -RC at 19/07/21 02:01	2 mL/hr -RC at 19/07/21 01:12	—
Volume (mL)	2 mL	2 mL	2 mL	2 mL	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Fentanyl	-CC at 19/07/21 04:08	-CC at 19/07/21 04:08	-RC at 19/07/21 02:01	-RC at 19/07/21 01:12	
Pump Volume Infused (mL)	—	—	2	2	—
			-RC at 19/07/21 02:01	-RC at 19/07/21 01:12	
Concentration Fentanyl	50 micrograms/mL	50 micrograms/mL	50 micrograms/mL	50 micrograms/mL	—
	-CC at 19/07/21 04:07	-CC at 19/07/21 04:07	-RC at 19/07/21 02:01	-RC at 19/07/21 01:12	
Dose (mcg/kg/min)	0.039	0.039	0.029	0.029	—
	micrograms/kg/min	micrograms/kg/min	micrograms/kg/min	micrograms/kg/min	
Noradrenaline	-CC at 19/07/21 04:08	-CC at 19/07/21 04:08	-RC at 19/07/21 02:13	-RC at 19/07/21 02:13	
Rate	0.8 mL/hr	0.8 mL/hr	0.6 mL/hr	0.6 mL/hr	—
	-CC at 19/07/21 04:08	-CC at 19/07/21 04:08	-RC at 19/07/21 02:13	-RC at 19/07/21 02:13	
Norepinephrine	-CC at 19/07/21 04:08	-CC at 19/07/21 04:08	-RC at 19/07/21 02:13	-RC at 19/07/21 02:13	
Volume (mL)	0.8 mL	0.8 mL	0.6 mL	0.6 mL	—
	-CC at 19/07/21 04:08	-CC at 19/07/21 04:08	-RC at 19/07/21 02:13	-RC at 19/07/21 02:13	
Noradrenaline	-CC at 19/07/21 04:08	-CC at 19/07/21 04:08	-RC at 19/07/21 02:13	-RC at 19/07/21 02:13	
Pump Volume Infused (mL)	0.8 mL	0.8 mL	0.6 mL	0.6 mL	—
	-CC at 19/07/21 04:08	-CC at 19/07/21 04:08	-RC at 19/07/21 02:13	-RC at 19/07/21 02:13	
Concentration Noradrenaline	0.16 mg/mL	0.16 mg/mL	0.16 mg/mL	0.16 mg/mL	—
	-CC at 19/07/21 04:08	-CC at 19/07/21 04:08	-RC at 19/07/21 02:13	-RC at 19/07/21 02:13	
Dose (mg/kg/hr)	*200 mg/hr	*200 mg/hr	*200 mg/hr	*200 mg/hr	*200 mg/hr
	-CC at 19/07/21 04:08	-CC at 19/07/21 04:44	-RC at 19/07/21 04:44	-RC at 19/07/21 04:44	-RC at 19/07/21 00:59
Propofol	-CC at 19/07/21 04:08	-CC at 19/07/21 04:44	-RC at 19/07/21 04:44	-RC at 19/07/21 04:44	-RC at 19/07/21 00:59
Rate Propofol	10 mL/hr	10 mL/hr	10 mL/hr	10 mL/hr	10 mL/hr
	-CC at 19/07/21 04:08	-CC at 19/07/21 04:44	-RC at 19/07/21 04:44	-RC at 19/07/21 04:44	-RC at 19/07/21 00:59
Volume (mL)	10 mL	10 mL	10 mL	10 mL	—
	-CC at 19/07/21 04:08	-CC at 19/07/21 04:08	-RC at 19/07/21 04:44	-RC at 19/07/21 04:44	
Propofol	-CC at 19/07/21 04:08	-CC at 19/07/21 04:08	-RC at 19/07/21 04:44	-RC at 19/07/21 04:44	
Pump Volume Infused (mL)	10 mL	10 mL	10 mL	10 mL	—
	-CC at 19/07/21 04:08	-CC at 19/07/21 04:08	-RC at 19/07/21 04:44	-RC at 19/07/21 04:44	
Concentration Propofol	20 mg/mL	20 mg/mL	20 mg/mL	20 mg/mL	20 mg/mL
	-CC at 19/07/21 04:08	-CC at 19/07/21 04:44	-RC at 19/07/21 04:44	-RC at 19/07/21 04:44	-RC at 19/07/21 00:59
External Urinary Catheter Properties	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
Output (mL)	500 mL	450 mL	400 mL	250 mL	—
	-CC at 19/07/21 04:08	-CC at 19/07/21 03:07	-RC at 19/07/21 02:01	-RC at 19/07/21 01:12	
<b>Row Name</b>	<b>19/07/21 00:00</b>	<b>18/07/21 23:00</b>	<b>18/07/21 22:30</b>	<b>18/07/21 22:00</b>	<b>18/07/21 21:00</b>
I.V.	—	—	—	100 mL	250 mL
				-RC at 18/07/21 23:44	-RC at 18/07/21 23:44
Rate	—	—	0 mL/hr	—	—
			-RC at 19/07/21 02:00		
Rate	—	100 mL/hr	—	—	—
		-RC at 19/07/21 01:58			
Volume (mL)	100 mL	100 mL	—	—	—
	-RC at 19/07/21 00:39	-RC at 19/07/21 00:39			
Pump Volume Infused (mL)	100 mL	100 mL	—	—	—
	-RC at 19/07/21 00:39	-RC at 19/07/21 00:39			
Dose (mcg/hr)	100 micrograms/hr	100 micrograms/hr	—	100 micrograms/hr	100 micrograms/hr
	-RC at 19/07/21 00:38	-RC at 18/07/21 23:25		-RC at 18/07/21 23:25	-EM at 18/07/21 21:45
Fentanyl	-RC at 19/07/21 00:38	-RC at 18/07/21 23:25		-RC at 18/07/21 23:25	-EM at 18/07/21 21:45
Rate Fentanyl	2 mL/hr	2 mL/hr	—	2 mL/hr	2 mL/hr
	-RC at 19/07/21 00:38	-RC at 18/07/21 23:25		-RC at 18/07/21 23:25	-EM at 18/07/21 21:45
Volume (mL)	2 mL	2 mL	—	2 mL	2 mL
	-RC at 19/07/21 00:39	-RC at 18/07/21 23:44		-RC at 18/07/21 23:28	-EM at 18/07/21 21:46
Fentanyl	-RC at 19/07/21 00:39	-RC at 18/07/21 23:44		-RC at 18/07/21 23:28	-EM at 18/07/21 21:46
Pump Volume Infused (mL)	2	2	—	2	2
	-RC at 19/07/21 00:39	-RC at 18/07/21 23:44		-RC at 18/07/21 23:28	-EM at 18/07/21 21:46
Concentration Fentanyl	50 micrograms/mL	50 micrograms/mL	—	50 micrograms/mL	50 micrograms/mL
	-RC at 19/07/21 00:38	-RC at 18/07/21 23:25		-RC at 18/07/21 23:25	-EM at 18/07/21 21:45
Dose (mcg/kg/min)	0.029	0.039	—	0.039	—
	micrograms/kg/min	micrograms/kg/min		micrograms/kg/min	
Noradrenaline	-RC at 19/07/21 02:13	-RC at 19/07/21 02:13		-RC at 19/07/21 01:01	
Rate	0.6 mL/hr	0.8 mL/hr	—	0.8 mL/hr	—
	-RC at 19/07/21 02:13	-RC at 19/07/21 02:13		-RC at 19/07/21 01:01	
Norepinephrine	-RC at 19/07/21 02:13	-RC at 19/07/21 02:13		-RC at 19/07/21 01:01	
Volume (mL)	0.6 mL	0.8 mL	—	—	—
	-RC at 19/07/21 02:13	-RC at 19/07/21 02:13			
Noradrenaline	-RC at 19/07/21 02:13	-RC at 19/07/21 02:13			
Pump Volume Infused (mL)	0.6 mL	0.8 mL	—	—	—
	-RC at 19/07/21 02:13	-RC at 19/07/21 02:13			
Concentration Noradrenaline	0.16 mg/mL	0.16 mg/mL	—	0.16 mg/mL	—
	-RC at 19/07/21 02:13	-RC at 19/07/21 02:13		-RC at 19/07/21 01:01	
Dose (mg/kg/hr)	*200 mg/hr	*200 mg/hr	—	*200 mg/hr	*200 mg/hr

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Propofol	-RC at 19/07/21 04:44	-RC at 19/07/21 04:44		-RC at 19/07/21 04:44	-RC at 19/07/21 04:44
Rate Propofol	10 mL/hr	10 mL/hr	—	10 mL/hr	10 mL/hr
	-RC at 19/07/21 04:44	-RC at 19/07/21 04:44		-RC at 19/07/21 04:44	-RC at 19/07/21 04:44
Volume (mL) Propofol	10 mL	10 mL	—	10 mL	10 mL
	-RC at 19/07/21 04:44	-RC at 19/07/21 04:44		-RC at 19/07/21 04:44	-RC at 19/07/21 04:44
Pump Volume Infused (mL)	10 mL	10 mL	—	10 mL	10 mL
	-RC at 19/07/21 04:44	-RC at 19/07/21 04:44		-RC at 19/07/21 04:44	-RC at 19/07/21 04:44
Concentration Propofol	20 mg/mL	20 mg/mL	—	20 mg/mL	20 mg/mL
	-RC at 19/07/21 04:44	-RC at 19/07/21 04:44		-RC at 19/07/21 04:44	-RC at 19/07/21 04:44
External Urinary Catheter Properties	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
Output (mL)	500 mL	1500 mL	—	—	—
	-RC at 19/07/21 00:39	-RC at 18/07/21 23:44			
<b>Row Name</b>	<b>18/07/21 20:19</b>	<b>18/07/21 20:00</b>	<b>18/07/21 19:00</b>	<b>18/07/21 18:49</b>	<b>18/07/21 18:48</b>
Rate	600 mL/hr	—	—	—	—
	-JN at 18/07/21 20:19				
Volume (mL) Fentanyl	—	2 mL	2 mL	—	—
		-JN at 18/07/21 20:11	-JN at 18/07/21 20:11		
Pump Volume Infused (mL)	—	2	2	—	—
		-JN at 18/07/21 20:11	-JN at 18/07/21 20:11		
Dose (g) Magnesium	—	—	—	5 g	—
				-JN at 18/07/21 18:50	
Rate Magnesium	—	—	—	250 mL/hr	—
				-JN at 18/07/21 18:50	
Concentration Magnesium	—	—	—	0.02 g/mL	—
				-JN at 18/07/21 18:50	
Dose (mg/kg/hr) Propofol	—	*200 mg/hr	*160 mg/hr	—	*20 mg/hr
		-RC at 19/07/21 04:44	-JN at 18/07/21 20:11		-JN at 18/07/21 18:49
Rate Propofol	—	10 mL/hr	8 mL/hr	—	1 mL/hr
		-RC at 19/07/21 04:44	-JN at 18/07/21 20:11		-JN at 18/07/21 18:49
Volume (mL) Propofol	—	10 mL	8 mL	—	—
		-RC at 19/07/21 04:44	-JN at 18/07/21 20:11		
Pump Volume Infused (mL)	—	10 mL	8 mL	—	—
		-RC at 19/07/21 04:44	-JN at 18/07/21 20:11		
Concentration Propofol	—	20 mg/mL	20 mg/mL	—	20 mg/mL
		-RC at 19/07/21 04:44	-JN at 18/07/21 20:11		-JN at 18/07/21 18:49
External Urinary Catheter Properties	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
Bowel Opened?	—	—	No	—	—
			-JN at 18/07/21 19:22		
<b>Row Name</b>	<b>18/07/21 18:47</b>	<b>18/07/21 18:00</b>	<b>18/07/21 16:11</b>	<b>18/07/21 15:12</b>	<b>18/07/21 11:38</b>
Rate	—	—	—	166.7 mL/hr	—
				-MM at 18/07/21 15:13	
Dose	—	—	—	—	*600 mg
					-MM at 18/07/21 11:52
Dose (mcg/hr) Fentanyl	50 micrograms/hr	—	—	—	—
	-JN at 18/07/21 18:48				
Rate Fentanyl	1 mL/hr	—	—	—	—
	-JN at 18/07/21 18:48				
Concentration Fentanyl	50 micrograms/mL	—	—	—	—
	-JN at 18/07/21 18:48				
Dose (g) Magnesium	—	—	5 g	—	—
			-CP at 18/07/21 16:12		
Rate Magnesium	—	—	—	—	—
			-CP at 18/07/21 16:12		
Concentration Magnesium	—	—	0.02 g/mL	—	—
			-CP at 18/07/21 16:12		
Urine	—	—	—	500 mL	—
				-MM at 18/07/21 20:38	
Additional Urine Volume Rows	—	—	—	—	Bladder scan
					-MM at 18/07/21 20:38
Bladder Scan	—	—	—	—	400 mL

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Volume (mL)					-MM at 18/07/21 20:38
External Urinary Catheter Properties	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				
Bowel Opened?	—	No	—	—	—
		-JN at 18/07/21 19:22			
<b>Row Name</b>	<b>18/07/21 09:48</b>	<b>18/07/21 04:28</b>	<b>18/07/21 02:16</b>	<b>18/07/21 01:00</b>	
P.O.	—	150 mL	—	—	
		-ADA at 18/07/21 04:39			
Rate	—	—	—	2000 mL/hr	
				-S at 18/07/21 01:35	
Rate	—	—	500 mL/hr	—	
			-S at 18/07/21 02:17		
Pump Volume Infused (mL)	—	1000 mL	—	—	
		-ADA at 18/07/21 04:39			
Rate	—	166.7 mL/hr	—	—	
		-SA at 18/07/21 04:29			
Dose	*1000 mg	—	—	—	
	-CS at 18/07/21 09:50				
External Urinary Catheter Properties	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29				

**IV Assessment**

<b>Row Name</b>	<b>20/07/21 22:00</b>	<b>19/07/21 21:00</b>
IV Properties	Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Anterior;Distal;Right -ADA, 18/07/21 04:40 Location: Forearm -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -ADA, 18/07/21 04:40 Removal Date: 19/07/21 -DS, 19/07/21 12:07 Removal Time: 12:07 -DS, 19/07/21 12:07	
IV Properties	Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Left -ADA, 18/07/21 04:40 Location: Antecubital -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -ADA, 18/07/21 04:40 Name of dressing applied: Semipermeable dressing -ADA, 18/07/21 04:40 Removal Date: 21/07/21 -ZS, 21/07/21 13:15 Removal Time: 13:15 -ZS, 21/07/21 13:15	
Daily MDT Review	Yes -HN at 20/07/21 22:41	Yes -HN at 19/07/21 21:45
Line still required	Yes -HN at 20/07/21 22:41	Yes -HN at 19/07/21 21:45
Hand Hygiene and Personal Protective Equipment	Yes -HN at 20/07/21 22:41	Yes -HN at 19/07/21 21:45
Needle Free Device Intact	Yes -HN at 20/07/21 22:41	Yes -HN at 19/07/21 21:45
Accessed Device	Yes -HN at 20/07/21 22:41	—
VIPS	0 -HN at 20/07/21 22:41	0 -HN at 19/07/21 21:45
Dressing Type	Semipermeable -HN at 20/07/21 22:41	Semipermeable -HN at 19/07/21 21:45
Dressing Status	Clean;Dry;Intact -HN at 20/07/21 22:41	Clean;Dry;Intact -HN at 19/07/21 21:45
Site Assessment	Clean;Intact;Dry -HN at 20/07/21 22:41	Clean;Dry;Intact -HN at 19/07/21 21:45
IV Properties	Placement Date: 18/07/21 -DS, 19/07/21 12:11 Placement Time: 17:00 -DS, 19/07/21 12:11 Orientation: Left;Anterior -DS, 19/07/21 12:12 Location: Forearm -DS, 19/07/21 12:11 Size (Colour): 18G/Green -DS, 19/07/21 12:11 Indication: IV Fluids -DS, 19/07/21 12:11 PIVC Aseptic Insertion Bundle Followed : Yes -DS, 19/07/21 12:11 Skin decontamination: 2% Chlorhex/70% Alcohol -DS, 19/07/21 12:11 Line flushed with: Normal Saline -DS, 19/07/21 12:11 Name of dressing applied: Semipermeable dressing -DS, 19/07/21 12:11 Removal Date: 21/07/21 -ZS, 21/07/21 13:16 Removal Time: 13:16 -ZS, 21/07/21 13:16	
Daily MDT Review	Yes -HN at 20/07/21 22:41	Yes -HN at 19/07/21 21:45
Line still required	Yes	Yes

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

	-HN at 20/07/21 22:41	-HN at 19/07/21 21:45
Hand Hygiene and Personal Protective Equipment	Yes -HN at 20/07/21 22:41	Yes -HN at 19/07/21 21:45
Needle Free Device Intact	Yes -HN at 20/07/21 22:41	Yes -HN at 19/07/21 21:45
Accessed Device	Yes;Aseptic technique;Device decontaminated;Flushed with 0.9% saline -HN at 20/07/21 22:41	No -HN at 19/07/21 21:45
VIPS	0 -HN at 20/07/21 22:41	0 -HN at 19/07/21 21:45
Dressing Type	Semipermeable -HN at 20/07/21 22:41	Semipermeable -HN at 19/07/21 21:45
Dressing Status	Intact -HN at 20/07/21 22:41	Intact -HN at 19/07/21 21:45
Site Assessment	Intact -HN at 20/07/21 22:41	Intact -HN at 19/07/21 21:45
Art Line Properties	Placement Date: 18/07/21 -DS, 19/07/21 12:09 Placement Time: 17:00 -DS, 19/07/21 12:09 Size: 16 G -DS, 19/07/21 12:09 Orientation: Right -DS, 19/07/21 12:09 Location: Radial -DS, 19/07/21 12:09 Reason for Art Line: Monitoring ART Pressure -DS, 19/07/21 12:09 Skin decontamination: 2% Chlorhex/70% Alcohol -DS, 19/07/21 12:09 Securement Method: Semipermeable dressing;Statlock -DS, 19/07/21 12:09 Patient Tolerance: Tolerated well -DS, 19/07/21 12:09 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45	
Site Assessment	Clean;Dry;Intact -HN at 20/07/21 22:41	Clean;Dry;Intact -HN at 19/07/21 21:45
Line Status	Pulsatile blood flow -HN at 20/07/21 22:41	Pulsatile blood flow -HN at 19/07/21 21:45
Art Line Waveform	Appropriate -HN at 20/07/21 22:41	Appropriate -HN at 19/07/21 21:45
Art Line Interventions	Connections checked and tightened -HN at 20/07/21 22:41	Connections checked and tightened;Zeroed and calibrated -HN at 19/07/21 21:45
Colour/Movement/Sensation	Capillary refill less than 3 sec -HN at 20/07/21 22:41	Capillary refill less than 3 sec -HN at 19/07/21 21:45
Dressing Type	Semipermeable -HN at 20/07/21 22:41	Semipermeable -HN at 19/07/21 21:45
Dressing Status	—	Intact -HN at 19/07/21 21:45

**LACE+ Score**

Row Name	23/07/21 03:40	23/07/21 02:05	23/07/21 00:06	22/07/21 22:06	22/07/21 20:06
LACE+ Score	6 -RCB at 23/07/21 03:40	6 -BC at 23/07/21 02:08	6 -BC at 23/07/21 00:09	6 -BC at 22/07/21 22:08	6 -BC at 22/07/21 20:09
Row Name	22/07/21 18:06	22/07/21 16:06	22/07/21 14:05	22/07/21 12:05	22/07/21 10:05
LACE+ Score	6 -BC at 22/07/21 18:10	6 -BC at 22/07/21 16:10	6 -BC at 22/07/21 14:09	6 -BC at 22/07/21 12:09	6 -BC at 22/07/21 10:08
Row Name	22/07/21 08:05	22/07/21 06:06	22/07/21 04:06	22/07/21 02:05	22/07/21 00:06
LACE+ Score	6 -BC at 22/07/21 08:09	6 -BC at 22/07/21 06:09	6 -BC at 22/07/21 04:10	6 -BC at 22/07/21 02:08	6 -BC at 22/07/21 00:09
Row Name	21/07/21 22:06	21/07/21 20:06	21/07/21 18:06	21/07/21 16:06	21/07/21 14:05
LACE+ Score	5 -BC at 21/07/21 22:09	5 -BC at 21/07/21 20:09	5 -BC at 21/07/21 18:10	5 -BC at 21/07/21 16:09	5 -BC at 21/07/21 14:09
Row Name	21/07/21 12:05	21/07/21 10:05	21/07/21 08:05	21/07/21 06:06	21/07/21 04:06
LACE+ Score	5 -BC at 21/07/21 12:09	5 -BC at 21/07/21 10:09	5 -BC at 21/07/21 08:08	5 -BC at 21/07/21 06:09	5 -BC at 21/07/21 04:09
Row Name	21/07/21 02:05	21/07/21 00:06	20/07/21 22:06	20/07/21 20:06	20/07/21 18:06
LACE+ Score	5 -BC at 21/07/21 02:08	5 -BC at 21/07/21 00:09	4 -BC at 20/07/21 22:09	4 -BC at 20/07/21 20:10	4 -BC at 20/07/21 18:09

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Row Name	20/07/21 16:06	20/07/21 14:05	20/07/21 12:05	20/07/21 10:05	20/07/21 08:05
LACE+ Score	4 -BC at 20/07/21 16:09	4 -BC at 20/07/21 14:09	4 -BC at 20/07/21 12:08	4 -BC at 20/07/21 10:08	4 -BC at 20/07/21 08:09
Row Name	20/07/21 06:06	20/07/21 04:06	20/07/21 02:05	20/07/21 00:06	19/07/21 22:06
LACE+ Score	4 -BC at 20/07/21 06:09	4 -BC at 20/07/21 04:09	4 -BC at 20/07/21 02:09	4 -BC at 20/07/21 00:09	3 -BC at 19/07/21 22:09
Row Name	19/07/21 20:06	19/07/21 18:06	19/07/21 16:06	19/07/21 14:05	19/07/21 12:05
LACE+ Score	3 -BC at 19/07/21 20:09	3 -BC at 19/07/21 18:09	3 -BC at 19/07/21 16:09	3 -BC at 19/07/21 14:09	3 -BC at 19/07/21 12:09
Row Name	19/07/21 10:05	19/07/21 08:05	19/07/21 06:06	19/07/21 04:06	19/07/21 02:05
LACE+ Score	3 -BC at 19/07/21 10:08	3 -BC at 19/07/21 08:08	3 -BC at 19/07/21 06:09	3 -BC at 19/07/21 04:09	3 -BC at 19/07/21 02:08
Row Name	19/07/21 00:06	18/07/21 22:06	18/07/21 20:06	18/07/21 18:06	18/07/21 16:06
LACE+ Score	3 -BC at 19/07/21 00:10	2 -BC at 18/07/21 22:09	2 -BC at 18/07/21 20:09	2 -BC at 18/07/21 18:09	2 -BC at 18/07/21 16:09
Row Name	18/07/21 14:06	18/07/21 12:07	18/07/21 10:07	18/07/21 08:07	18/07/21 06:07
LACE+ Score	2 -BC at 18/07/21 14:10	2 -BC at 18/07/21 12:10	2 -BC at 18/07/21 10:10	2 -BC at 18/07/21 08:11	2 -BC at 18/07/21 06:10

**Lines/Drains/Airways**

Row Name	21/07/21 21:00	20/07/21 21:00	19/07/21 15:00	19/07/21 12:00
Art Line Properties	Placement Date: 18/07/21 -DS, 19/07/21 12:09 Placement Time: 17:00 -DS, 19/07/21 12:09 Size: 16 G -DS, 19/07/21 12:09 Orientation: Right -DS, 19/07/21 12:09 Location: Radial -DS, 19/07/21 12:09 Reason for Art Line: Monitoring ART Pressure -DS, 19/07/21 12:09 Skin decontamination: 2% Chlorhex/70% Alcohol -DS, 19/07/21 12:09 Securement Method: Semipermeable dressing;Statlock -DS, 19/07/21 12:09 Patient Tolerance: Tolerated well -DS, 19/07/21 12:09 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45			
Site Assessment	Clean;Dry -HN at 22/07/21 04:06	—	Clean;Dry;Intact -MA at 19/07/21 15:06	—
Line Status	Pulsatile blood flow -HN at 22/07/21 04:06	—	Pulsatile blood flow -MA at 19/07/21 15:06	—
Art Line Waveform	Appropriate -HN at 22/07/21 04:06	—	Appropriate -MA at 19/07/21 15:06	—
Art Line Interventions	Connections checked and tightened -HN at 22/07/21 04:06	—	Connections checked and tightened;Zeroed and calibrated -MA at 19/07/21 15:06	—
Colour/Movement/Sensation	Capillary refill less than 3 sec -HN at 22/07/21 04:06	—	Capillary refill less than 3 sec -MA at 19/07/21 15:06	—
Dressing Type	Semipermeable -HN at 22/07/21 04:06	—	Semipermeable -MA at 19/07/21 15:06	—
Dressing Status	Clean;Dry;Intact -HN at 22/07/21 04:06	—	Intact -MA at 19/07/21 15:06	—
CVC Properties	Placement Date: 18/07/21 -RC, 19/07/21 01:00 Placement Time: 21:00 -RC, 19/07/21 01:00 Orientation: Right -RC, 19/07/21 01:00 Location: Femoral -RC, 19/07/21 01:00 Technique: Anatomical landmarks;Ultrasound guidance -RC, 19/07/21 01:00 Securement Method: Semipermeable dressing;Statlock -RC, 19/07/21 01:00 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45			
Site Assessment	Clean;Dry;Intact -HN at 22/07/21 04:05	Clean;Dry;Intact -HN at 20/07/21 22:42	Clean;Intact -MA at 19/07/21 15:08	—
VIPS	0 -HN at 22/07/21 04:05	0 -HN at 20/07/21 22:42	0 -MA at 19/07/21 15:08	—
Proximal Lumen Status	—	—	Unable to aspirate;Flushed with saline -MA at 19/07/21 15:08	—
Medial 1 Lumen Status	—	—	Infusing -MA at 19/07/21 15:08	—
Medial 2 Lumen Status	—	—	Infusing -MA at 19/07/21 15:08	—
Distal Lumen Status	—	—	Infusing -MA at 19/07/21 15:08	—
Line accessed	Yes	Yes	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

aseptically and flushed with 0.9% saline	-HN at 22/07/21 04:05	-HN at 20/07/21 22:42		
Line Care	Connections checked and tightened -HN at 22/07/21 04:05	Connections checked and tightened -HN at 20/07/21 22:42	—	—
Dressing Type	Semipermeable -HN at 22/07/21 04:05	Semipermeable -HN at 20/07/21 22:42	—	—
Dressing Status	Clean;Dry;Intact -HN at 22/07/21 04:05	Clean;Dry;Intact -HN at 20/07/21 22:42	—	—
Line Necessity Reviewed?	Yes -HN at 22/07/21 04:05	Yes -HN at 20/07/21 22:42	—	—
Line Necessity	Providing Central Venous Access -HN at 22/07/21 04:05	Providing Central Venous Access -HN at 20/07/21 22:42	—	—
ETT Properties	Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45			
External Urinary Catheter Properties	Placement Date: — -EG, 22/07/21 18:29 Placement Time: — -EG, 22/07/21 18:29 Inserted by: Specialist Nurse -EG, 22/07/21 18:29 Hand Hygiene Completed: Yes -MB, 18/07/21 19:28 Removal Date: 22/07/21 -EG, 22/07/21 18:29 Removal Time: 15:45 -EG, 22/07/21 18:29 Removal Reason : Per protocol -EG, 22/07/21 18:29			
Collection Container	Urometer -HN at 22/07/21 04:06	—	—	—
Feeding Tube Properties	Placement Date: 19/07/21 -DS, 19/07/21 12:13 Placement Time: 12:12 -DS, 19/07/21 12:13 Inserted by: nurse -DS, 19/07/21 12:13 Hand Hygiene Completed: Yes -DS, 19/07/21 12:13 NEX Measurement: 55 cm -DS, 19/07/21 12:13 Feeding Tube Type: NG -DS, 19/07/21 12:13 Tube Size (Fr.): 8 Fr. -DS, 19/07/21 12:13 Feeding Tube Location: Right nare -DS, 19/07/21 12:13 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45			
Placement Verification	X-ray -HN at 22/07/21 04:05	—	—	—
Tube length from exit (cm)	55 cm -HN at 22/07/21 04:05	—	—	—
CEASE Signs?	No -HN at 22/07/21 04:05	—	—	—
Site assessment	Tube secure -HN at 22/07/21 04:05	—	—	—
Tube Feeding Frequency	Continuous -HN at 22/07/21 04:05	—	—	—
Tube Feeding	Nepro -HN at 22/07/21 04:05	—	—	—
Tube Feeding Strength	Full strength -HN at 22/07/21 04:05	—	—	—
Tube Feeding Method	Continuous per pump -HN at 22/07/21 04:05	—	—	—
Output (mL)	0 mL -HN at 22/07/21 04:05	—	—	—
IV Properties	Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Anterior;Distal;Right -ADA, 18/07/21 04:40 Location: Forearm -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -ADA, 18/07/21 04:40 Removal Date: 19/07/21 -DS, 19/07/21 12:07 Removal Time: 12:07 -DS, 19/07/21 12:07			
IV Properties	Placement Date: 18/07/21 -ADA, 18/07/21 04:40 Orientation: Left -ADA, 18/07/21 04:40 Location: Antecubital -ADA, 18/07/21 04:40 Size (Colour): 20G/Pink -ADA, 18/07/21 04:40 Indication: IV Fluids -ADA, 18/07/21 04:40 Name of dressing applied: Semipermeable dressing -ADA, 18/07/21 04:40 Removal Date: 21/07/21 -ZS, 21/07/21 13:15 Removal Time: 13:15 -ZS, 21/07/21 13:15			
Daily MDT Review	—	—	—	Yes -MA at 19/07/21 15:05
Line still required	—	—	—	Yes -MA at 19/07/21 15:05
Hand Hygiene and Personal Protective Equipment	—	—	—	Yes -MA at 19/07/21 15:05

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Needle Free Device Intact	—	—	—	Yes -MA at 19/07/21 15:05
Accessed Device	—	—	—	Yes;Aseptic technique;Device decontaminated;Flushed with 0.9% saline -MA at 19/07/21 15:05
VIPS	—	—	—	0 -MA at 19/07/21 15:05
Dressing Type	—	—	—	Semipermeable -MA at 19/07/21 15:05
Dressing Status	—	—	—	Clean;Dry;Intact -MA at 19/07/21 15:05
Site Assessment	—	—	—	Clean;Dry;Intact -MA at 19/07/21 15:05
IV Properties	Placement Date: 18/07/21 -DS, 19/07/21 12:11 Placement Time: 17:00 -DS, 19/07/21 12:11 Orientation: Left;Anterior -DS, 19/07/21 12:12 Location: Forearm -DS, 19/07/21 12:11 Size (Colour): 18G/Green -DS, 19/07/21 12:11 Indication: IV Fluids -DS, 19/07/21 12:11 PIVC Aseptic Insertion Bundle Followed : Yes -DS, 19/07/21 12:11 Skin decontamination: 2% Chlorhex/70% Alcohol -DS, 19/07/21 12:11 Line flushed with: Normal Saline -DS, 19/07/21 12:11 Name of dressing applied: Semipermeable dressing -DS, 19/07/21 12:11 Removal Date: 21/07/21 -ZS, 21/07/21 13:16 Removal Time: 13:16 -ZS, 21/07/21 13:16			
Daily MDT Review	—	—	Yes	— -MA at 19/07/21 15:05
Line still required	—	—	Yes	— -MA at 19/07/21 15:05
Hand Hygiene and Personal Protective Equipment	—	—	Yes	— -MA at 19/07/21 15:05
Needle Free Device Intact	—	—	Yes	— -MA at 19/07/21 15:05
Accessed Device	—	—	No	— -MA at 19/07/21 15:05
VIPS	—	—	0	— -MA at 19/07/21 15:05
Dressing Type	—	—	Semipermeable	— -MA at 19/07/21 15:05
Dressing Status	—	—	Intact	— -MA at 19/07/21 15:05
Site Assessment	—	—	Intact	— -MA at 19/07/21 15:05

**Manchester Triage**

Row Name	17/07/21 23:18
Complaint	Headache -RB at 17/07/21 23:18
Calculated Acuity	Green -RB at 17/07/21 23:18
Acuity Calculated?	Yes -RB at 17/07/21 23:18
Green	Recent problem -RB at 17/07/21 23:18
ED Destination	UTC -RB at 17/07/21 23:18
Triage Complete	Triage complete -RB at 17/07/21 23:18
Acuity	Green -RB at 17/07/21 23:18
Subjective pain score	Nil -RB at 17/07/21 23:18
Objective pain score	Nil -RB at 17/07/21 23:18

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

**N&D Contacts/Minutes**

Row Name	20/07/21 14:17
Type of contact	Follow up -CF at 20/07/21 14:17
Direct Minutes	15 -CF at 20/07/21 14:17
Follow up and Discharge	Follow up -CF at 20/07/21 14:17

**Pain Assessment**

Row Name	21/07/21 12:00	21/07/21 06:00	21/07/21 01:00	20/07/21 21:00	20/07/21 09:00
Restart Pain Assessment Timer	Yes -ZS at 21/07/21 12:07	Yes -HN at 21/07/21 06:04	Yes -HN at 21/07/21 04:56	Yes -HN at 20/07/21 22:40	Yes -GO at 20/07/21 16:50
Row Name	20/07/21 05:00	20/07/21 01:00	19/07/21 21:00	19/07/21 19:00	19/07/21 17:00
Restart Pain Assessment Timer	Yes -HN at 20/07/21 05:27	Yes -HN at 20/07/21 01:05	Yes -HN at 19/07/21 21:44	Yes -MA at 19/07/21 19:46	Yes -MA at 19/07/21 19:46
Row Name	19/07/21 15:00	19/07/21 13:00	19/07/21 11:00	19/07/21 09:00	18/07/21 23:00
Restart Pain Assessment Timer	Yes -MA at 19/07/21 19:46	Yes -DS at 19/07/21 13:03	Yes -DS at 19/07/21 12:01	Yes -DS at 19/07/21 10:31	Yes -RC at 19/07/21 08:40
Row Name	18/07/21 15:05	18/07/21 09:00	18/07/21 07:03	18/07/21 04:56	18/07/21 03:28
Restart Pain Assessment Timer	Yes -MM at 18/07/21 15:12	Yes -MM at 18/07/21 10:13	Yes -OA at 18/07/21 07:05	Yes -OA at 18/07/21 04:58	Yes -ADA at 18/07/21 03:34
Row Name	17/07/21 23:19				
Restart Pain Assessment Timer	Yes -BS at 17/07/21 23:20				

**Patient Property**

Row Name	19/07/21 09:00	18/07/21 02:19	18/07/21 02:18
Property at Bedside	Other (Comment) -SH at 19/07/21 09:07	None -S at 18/07/21 02:19	—
Property Sent Home	—	None -S at 18/07/21 02:19	—
Property Sent to Safe	—	Electronic devices -S at 18/07/21 02:19	Electronic devices -S at 18/07/21 02:19
Patient Electronics	—	Mobile phone -S at 18/07/21 02:19	Mobile phone -S at 18/07/21 02:19
Medications brought by patient?	—	No -S at 18/07/21 02:19	—

**Physiotherapy Contacts/Minutes**

Row Name	21/07/21 16:00	20/07/21 13:00	19/07/21 15:00
Direct minutes	30 -JP at 21/07/21 16:10	30 -JP at 20/07/21 13:58	30 -JP at 19/07/21 15:46
Indirect minutes	15 -JP at 21/07/21 16:10	15 -JP at 20/07/21 13:58	15 -JP at 19/07/21 15:46

**Reason for Referral to Dietician**

Row Name	20/07/21 14:16
Reason for referral (dietitian entry)	Nutrition support-EN -CF at 20/07/21 14:17
Patient Consent	Patient unable to

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

verbally consent -  
 intervention in best  
 interest of patient  
 -CF at 20/07/21 14:17

**Respiratory Physiotherapy Assessment**

Row Name	22/07/21 11:04	22/07/21 09:01	22/07/21 07:09	22/07/21 07:08	22/07/21 05:15
pH (from Blood Gas - read only)	(!) 7.481 22/07/21 11:04	7.411 22/07/21 09:01	7.444 22/07/21 07:09	(!) 7.47 22/07/21 07:08	7.436 22/07/21 05:15
PCO2 (from Blood Gas - read only)	(!) 4.31 22/07/21 11:04	5.01 22/07/21 09:01	(!) 4.46 22/07/21 07:09	(!) 4.29 22/07/21 07:08	(!) 4.52 22/07/21 05:15
PO2 (from Blood Gas - read only)	(!) 21.8 22/07/21 11:04	(!) 17.9 22/07/21 09:01	(!) 64.1 22/07/21 07:09	(!) 19.7 22/07/21 07:08	(!) 15.2 22/07/21 05:15
HCO3- (from Blood Gas - read only)	25.3 22/07/21 11:04	24 22/07/21 09:01	23.9 22/07/21 07:09	24.7 22/07/21 07:08	23.7 22/07/21 05:15
Base Excess (from Blood Gas - read only)	0.6 22/07/21 11:04	-0.8 22/07/21 09:01	-1.2 22/07/21 07:09	-0.3 22/07/21 07:08	-1.4 22/07/21 05:15
Total Hb (from Blood Gas - read only)	(!) 113 22/07/21 11:04	120 22/07/21 09:01	124 22/07/21 07:09	120 22/07/21 07:08	123 22/07/21 05:15
SaO2 (from Blood Gas - read only)	(!) 99.3 22/07/21 11:04	(!) 99.1 22/07/21 09:01	(!) 99.8 22/07/21 07:09	(!) 100 22/07/21 07:08	98.7 22/07/21 05:15
FiO2 (from Blood Gas - read only)	21 22/07/21 11:04	21 22/07/21 09:01	100 22/07/21 07:09	25 22/07/21 07:08	25 22/07/21 05:15
ETT Properties	Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				

Row Name	22/07/21 05:14	22/07/21 03:09	22/07/21 01:32	22/07/21 00:15	22/07/21 00:13
pH (from Blood Gas - read only)	7.418 22/07/21 05:14	(!) 7.327 22/07/21 03:09	(!) 7.348 22/07/21 01:32	(!) 7.291 22/07/21 00:15	—
PCO2 (from Blood Gas - read only)	4.74 22/07/21 05:14	5.98 22/07/21 03:09	5.63 22/07/21 01:32	(!) 6.26 22/07/21 00:15	—
PO2 (from Blood Gas - read only)	(!) 65.9 22/07/21 05:14	(!) 67.9 22/07/21 03:09	(!) 21.7 22/07/21 01:32	(!) 21.3 22/07/21 00:15	—
HCO3- (from Blood Gas - read only)	23.5 22/07/21 05:14	22.2 22/07/21 03:09	22.4 22/07/21 01:32	21.1 22/07/21 00:15	—
Base Excess (from Blood Gas - read only)	-1.6 22/07/21 05:14	-2.6 22/07/21 03:09	-2.5 22/07/21 01:32	-3.9 22/07/21 00:15	—
Total Hb (from Blood Gas - read only)	138 22/07/21 05:14	136 22/07/21 03:09	127 22/07/21 01:32	123 22/07/21 00:15	—
SaO2 (from Blood Gas - read only)	(!) 99.3 22/07/21 05:14	(!) 99.8 22/07/21 03:09	98.9 22/07/21 01:32	98.9 22/07/21 00:15	—
FiO2 (from Blood Gas - read only)	100 22/07/21 05:14	100 22/07/21 03:09	30 22/07/21 01:32	30 22/07/21 00:15	30 22/07/21 00:13
ETT Properties	Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				

Row Name	21/07/21 23:06	21/07/21 21:21	21/07/21 21:11	21/07/21 21:06	21/07/21 21:01
pH (from Blood Gas - read only)	(!) 7.314 21/07/21 23:06	(!) 7.162 21/07/21 21:21	(!) 7.32 21/07/21 21:11	7.354 21/07/21 21:06	(!) 7.341 21/07/21 21:01

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

PCO2 (from Blood Gas - read only)	(!) 3.8 21/07/21 23:06	(!) 9.71 21/07/21 21:21	(!) 6.06 21/07/21 21:11	5.55 21/07/21 21:06	5.78 21/07/21 21:01
PO2 (from Blood Gas - read only)	(!) 32.4 21/07/21 23:06	(!) 63.5 21/07/21 21:21	(!) 57.8 21/07/21 21:11	(!) 61.2 21/07/21 21:06	(!) 61 21/07/21 21:01
HCO3- (from Blood Gas - read only)	16 21/07/21 23:06	21 21/07/21 21:21	22.1 21/07/21 21:11	22.6 21/07/21 21:06	22.4 21/07/21 21:01
Base Excess (from Blood Gas - read only)	-11.7 21/07/21 23:06	-2.6 21/07/21 21:21	-2.7 21/07/21 21:11	-2.3 21/07/21 21:06	-2.3 21/07/21 21:01
Total Hb (from Blood Gas - read only)	(!) 87 21/07/21 23:06	134 21/07/21 21:21	132 21/07/21 21:11	128 21/07/21 21:06	130 21/07/21 21:01
SaO2 (from Blood Gas - read only)	(!) 99.8 21/07/21 23:06	(!) 99.9 21/07/21 21:21	(!) 99.9 21/07/21 21:11	(!) 100 21/07/21 21:06	(!) 99.8 21/07/21 21:01
FiO2 (from Blood Gas - read only)	50 21/07/21 23:06	21 21/07/21 21:21	21 21/07/21 21:11	21 21/07/21 21:06	21 21/07/21 21:01
ETT Properties	Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
<b>Row Name</b>	<b>21/07/21 20:51</b>	<b>21/07/21 20:42</b>	<b>21/07/21 20:33</b>	<b>21/07/21 20:19</b>	<b>21/07/21 19:57</b>
pH (from Blood Gas - read only)	(!) 7.329 21/07/21 20:51	(!) 7.333 21/07/21 20:42	(!) 7.307 21/07/21 20:33	(!) 7.138 21/07/21 20:19	7.36 21/07/21 19:57
PCO2 (from Blood Gas - read only)	5.84 21/07/21 20:51	5.69 21/07/21 20:42	(!) 6.05 21/07/21 20:33	(!) 10.3 21/07/21 20:19	(!) 6.02 21/07/21 19:57
PO2 (from Blood Gas - read only)	(!) 56.3 21/07/21 20:51	(!) 61.4 21/07/21 20:42	(!) 57.3 21/07/21 20:33	(!) 62.4 21/07/21 20:19	(!) 52 21/07/21 19:57
HCO3- (from Blood Gas - read only)	22 21/07/21 20:51	21.8 21/07/21 20:42	21.3 21/07/21 20:33	20.6 21/07/21 20:19	24.2 21/07/21 19:57
Base Excess (from Blood Gas - read only)	-3 21/07/21 20:51	-3.2 21/07/21 20:42	-3.7 21/07/21 20:33	-3 21/07/21 20:19	0 21/07/21 19:57
Total Hb (from Blood Gas - read only)	126 21/07/21 20:51	128 21/07/21 20:42	127 21/07/21 20:33	131 21/07/21 20:19	130 21/07/21 19:57
SaO2 (from Blood Gas - read only)	(!) 99.8 21/07/21 20:51	(!) 99.9 21/07/21 20:42	(!) 99.9 21/07/21 20:33	(!) 99.3 21/07/21 20:19	(!) 99.3 21/07/21 19:57
FiO2 (from Blood Gas - read only)	21 21/07/21 20:51	21 21/07/21 20:42	21 21/07/21 20:33	21 21/07/21 20:19	21 21/07/21 19:57
ETT Properties	Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
<b>Row Name</b>	<b>21/07/21 19:56</b>	<b>21/07/21 19:44</b>	<b>21/07/21 19:35</b>	<b>21/07/21 19:19</b>	<b>21/07/21 17:07</b>
pH (from Blood Gas - read only)	7.351 21/07/21 19:56	(!) 7.35 21/07/21 19:44	(!) 7.453 21/07/21 19:35	(!) 7.472 21/07/21 19:19	(!) 7.47 21/07/21 17:07
PCO2 (from Blood Gas - read only)	(!) 6.06 21/07/21 19:56	(!) 6.14 21/07/21 19:44	(!) 4.64 21/07/21 19:35	(!) 4.25 21/07/21 19:19	(!) 4.02 21/07/21 17:07
PO2 (from Blood Gas - read only)	(!) 54.4 21/07/21 19:56	(!) 9.46 21/07/21 19:44	(!) 17.3 21/07/21 19:35	(!) 17.7 21/07/21 19:19	(!) 19.4 21/07/21 17:07
HCO3- (from Blood Gas - read only)	23.8 21/07/21 19:56	23.8 21/07/21 19:44	25.1 21/07/21 19:35	24.7 21/07/21 19:19	23.7 21/07/21 17:07
Base Excess (from Blood Gas - read only)	-0.5 21/07/21 19:56	-0.2 21/07/21 19:44	0.4 21/07/21 19:35	-0.4 21/07/21 19:19	-1.7 21/07/21 17:07

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

- read only)					
Total Hb (from Blood Gas - read only)	128 21/07/21 19:56	129 21/07/21 19:44	131 21/07/21 19:35	131 21/07/21 19:19	129 21/07/21 17:07
SaO2 (from Blood Gas - read only)	(!) 99.3 21/07/21 19:56	93.9 21/07/21 19:44	98.9 21/07/21 19:35	99 21/07/21 19:19	(!) 99.1 21/07/21 17:07
FiO2 (from Blood Gas - read only)	21 21/07/21 19:56	21 21/07/21 19:44	21 21/07/21 19:35	21 21/07/21 19:19	21 21/07/21 17:07
ETT Properties	Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
<b>Row Name</b>	<b>21/07/21 15:59</b>	<b>21/07/21 15:01</b>	<b>21/07/21 13:02</b>	<b>21/07/21 11:19</b>	<b>21/07/21 09:12</b>
Chart Reviewed	Yes -JP at 21/07/21 16:08	—	—	—	—
Physiotherapy Consent	Patient unable to verbally consent - intervention in best interest of patient -JP at 21/07/21 16:08	—	—	—	—
pH (from Blood Gas - read only)	(!) 7.465 21/07/21 15:59	7.431 21/07/21 15:01	7.395 21/07/21 13:02	(!) 7.48 21/07/21 11:19	(!) 7.485 21/07/21 09:12
PCO2 (from Blood Gas - read only)	(!) 4.32 21/07/21 15:59	4.77 21/07/21 15:01	5.05 21/07/21 13:02	(!) 4.07 21/07/21 11:19	(!) 4.19 21/07/21 09:12
PO2 (from Blood Gas - read only)	(!) 69.1 21/07/21 15:59	(!) 15.4 21/07/21 15:01	(!) 16.7 21/07/21 13:02	(!) 17.3 21/07/21 11:19	(!) 15.3 21/07/21 09:12
HCO3- (from Blood Gas - read only)	24.6 21/07/21 15:59	24.3 21/07/21 15:01	23.2 21/07/21 13:02	24.5 21/07/21 11:19	25.3 21/07/21 09:12
Base Excess (from Blood Gas - read only)	-0.5 21/07/21 15:59	-0.5 21/07/21 15:01	-1.7 21/07/21 13:02	-0.8 21/07/21 11:19	0.2 21/07/21 09:12
Total Hb (from Blood Gas - read only)	133 21/07/21 15:59	135 21/07/21 15:01	131 21/07/21 13:02	135 21/07/21 11:19	137 21/07/21 09:12
SaO2 (from Blood Gas - read only)	(!) 99.8 21/07/21 15:59	98.5 21/07/21 15:01	98.7 21/07/21 13:02	98.8 21/07/21 11:19	98.6 21/07/21 09:12
FiO2 (from Blood Gas - read only)	21 21/07/21 15:59	21 21/07/21 15:01	21 21/07/21 13:02	21 21/07/21 11:19	21 21/07/21 09:12
ETT Properties	Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
<b>Row Name</b>	<b>21/07/21 07:04</b>	<b>21/07/21 04:40</b>	<b>21/07/21 01:14</b>	<b>20/07/21 23:03</b>	<b>20/07/21 21:00</b>
pH (from Blood Gas - read only)	7.443 21/07/21 07:04	7.442 21/07/21 04:40	7.385 21/07/21 01:14	7.398 20/07/21 23:03	7.426 20/07/21 21:00
PCO2 (from Blood Gas - read only)	4.78 21/07/21 07:04	4.69 21/07/21 04:40	5.16 21/07/21 01:14	5.5 20/07/21 23:03	4.91 20/07/21 21:00
PO2 (from Blood Gas - read only)	(!) 13.4 21/07/21 07:04	(!) 10.7 21/07/21 04:40	(!) 13.8 21/07/21 01:14	(!) 13.8 20/07/21 23:03	(!) 13.5 20/07/21 21:00
HCO3- (from Blood Gas - read only)	25.1 21/07/21 07:04	24.6 21/07/21 04:40	23 21/07/21 01:14	24.8 20/07/21 23:03	24.5 20/07/21 21:00
Base Excess (from Blood Gas - read only)	0.4 21/07/21 07:04	-0.1 21/07/21 04:40	-1.9 21/07/21 01:14	0.6 20/07/21 23:03	-0.1 20/07/21 21:00
Total Hb (from Blood Gas - read only)	136 21/07/21 07:04	137 21/07/21 04:40	140 21/07/21 01:14	152 20/07/21 23:03	149 20/07/21 21:00

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

SaO2 (from Blood Gas - read only)	98.2 21/07/21 07:04	96.8 21/07/21 04:40	98 21/07/21 01:14	97.8 20/07/21 23:03	97.8 20/07/21 21:00
FiO2 (from Blood Gas - read only)	21 21/07/21 07:04	21 21/07/21 04:40	25 21/07/21 01:14	25 20/07/21 23:03	25 20/07/21 21:00
ETT Properties	Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
<b>Row Name</b>	<b>20/07/21 17:17</b>	<b>20/07/21 14:05</b>	<b>20/07/21 13:00</b>	<b>20/07/21 10:35</b>	<b>20/07/21 07:58</b>
Chart Reviewed	—	—	Yes -JP at 20/07/21 13:57	—	—
Physiotherapy Consent	—	—	Patient unable to verbally consent - intervention in best interest of patient -JP at 20/07/21 13:57	—	—
pH (from Blood Gas - read only)	(!) 7.5 20/07/21 17:17	(!) 7.454 20/07/21 14:05	—	(!) 7.505 20/07/21 10:35	(!) 7.481 20/07/21 07:58
PCO2 (from Blood Gas - read only)	(!) 4.2 20/07/21 17:17	4.69 20/07/21 14:05	—	(!) 4.28 20/07/21 10:35	(!) 4.45 20/07/21 07:58
PO2 (from Blood Gas - read only)	(!) 13.5 20/07/21 17:17	13.2 20/07/21 14:05	—	(!) 14.7 20/07/21 10:35	(!) 20.4 20/07/21 07:58
HCO3- (from Blood Gas - read only)	26.3 20/07/21 17:17	25.4 20/07/21 14:05	—	26.8 20/07/21 10:35	26 20/07/21 07:58
Base Excess (from Blood Gas - read only)	1.4 20/07/21 17:17	0.7 20/07/21 14:05	—	2.2 20/07/21 10:35	1.4 20/07/21 07:58
Total Hb (from Blood Gas - read only)	147 20/07/21 17:17	134 20/07/21 14:05	—	142 20/07/21 10:35	131 20/07/21 07:58
SaO2 (from Blood Gas - read only)	98.3 20/07/21 17:17	98.1 20/07/21 14:05	—	98.4 20/07/21 10:35	(!) 99.1 20/07/21 07:58
FiO2 (from Blood Gas - read only)	21 20/07/21 17:17	21 20/07/21 14:05	—	25 20/07/21 10:35	25 20/07/21 07:58
ETT Properties	Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
<b>Row Name</b>	<b>20/07/21 04:57</b>	<b>20/07/21 01:52</b>	<b>19/07/21 23:17</b>	<b>19/07/21 21:23:01</b>	<b>19/07/21 21:23</b>
pH (from Blood Gas - read only)	(!) 7.472 20/07/21 04:57	7.428 20/07/21 01:52	7.419 19/07/21 23:17	7.371 19/07/21 21:23	7.37 19/07/21 21:23
PCO2 (from Blood Gas - read only)	4.82 20/07/21 04:57	5.45 20/07/21 01:52	5.69 19/07/21 23:17	(!) 6.4 19/07/21 21:23	6.4 19/07/21 21:23
PO2 (from Blood Gas - read only)	(!) 14.9 20/07/21 04:57	(!) 14.4 20/07/21 01:52	(!) 15.5 19/07/21 23:17	(!) 16.5 19/07/21 21:23	16.5 19/07/21 21:23
HCO3- (from Blood Gas - read only)	27 20/07/21 04:57	26.5 20/07/21 01:52	26.8 19/07/21 23:17	26 19/07/21 21:23	26 19/07/21 21:23
Base Excess (from Blood Gas - read only)	2.8 20/07/21 04:57	2.6 20/07/21 01:52	3.1 19/07/21 23:17	2.5 19/07/21 21:23	2.5 19/07/21 21:23
Total Hb (from Blood Gas - read only)	136 20/07/21 04:57	143 20/07/21 01:52	136 19/07/21 23:17	131 19/07/21 21:23	131 19/07/21 21:23
SaO2 (from Blood Gas - read only)	98.6 20/07/21 04:57	98.1 20/07/21 01:52	98.9 19/07/21 23:17	98.8 19/07/21 21:23	98.8 19/07/21 21:23
FiO2 (from Blood Gas - read only)	25 20/07/21 04:57	25 20/07/21 01:52	25 19/07/21 23:17	25 19/07/21 21:23	25 19/07/21 21:23

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

Gas - read only)	20/07/21 04:57	20/07/21 01:52	19/07/21 23:17	19/07/21 21:23	19/07/21 21:23
ETT Properties	Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Row Name	19/07/21 19:02:01	19/07/21 19:02	19/07/21 17:11:01	19/07/21 17:11	19/07/21 15:00
Chart Reviewed	—	—	—	—	Yes -JP at 19/07/21 15:25
Physiotherapy Consent	—	—	—	—	Patient unable to verbally consent - intervention in best interest of patient -JP at 19/07/21 15:25
pH (from Blood Gas - read only)	7.365 19/07/21 19:02	7.365 19/07/21 19:02	7.402 19/07/21 17:11	7.402 19/07/21 17:11	—
PCO2 (from Blood Gas - read only)	(!) 6.11 19/07/21 19:02	6.11 19/07/21 19:02	5.65 19/07/21 17:11	5.65 19/07/21 17:11	—
PO2 (from Blood Gas - read only)	(!) 15.9 19/07/21 19:02	15.9 19/07/21 19:02	12.2 19/07/21 17:11	12.2 19/07/21 17:11	—
HCO3- (from Blood Gas - read only)	24.8 19/07/21 19:02	24.8 19/07/21 19:02	25.6 19/07/21 17:11	25.6 19/07/21 17:11	—
Base Excess (from Blood Gas - read only)	0.8 19/07/21 19:02	0.8 19/07/21 19:02	1.6 19/07/21 17:11	1.6 19/07/21 17:11	—
Total Hb (from Blood Gas - read only)	125 19/07/21 19:02	125 19/07/21 19:02	123 19/07/21 17:11	123 19/07/21 17:11	—
SaO2 (from Blood Gas - read only)	98.5 19/07/21 19:02	98.5 19/07/21 19:02	97.5 19/07/21 17:11	97.5 19/07/21 17:11	—
FiO2 (from Blood Gas - read only)	26 19/07/21 19:02	25 19/07/21 19:02	21 19/07/21 17:11	21 19/07/21 17:11	—
ETT Properties	Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
Row Name	19/07/21 14:45:01	19/07/21 14:45	19/07/21 12:54:01	19/07/21 12:54	19/07/21 10:07
pH (from Blood Gas - read only)	7.446 19/07/21 14:45	7.446 19/07/21 14:45	7.372 19/07/21 12:54	7.372 19/07/21 12:54	(!) 7.477 19/07/21 10:07
PCO2 (from Blood Gas - read only)	4.93 19/07/21 14:45	4.93 19/07/21 14:45	5.99 19/07/21 12:54	5.99 19/07/21 12:54	(!) 4.2 19/07/21 10:07
PO2 (from Blood Gas - read only)	(!) 15.7 19/07/21 14:45	15.7 19/07/21 14:45	(!) 13.4 19/07/21 12:54	13.4 19/07/21 12:54	(!) 14.8 19/07/21 10:07
HCO3- (from Blood Gas - read only)	25.8 19/07/21 14:45	25.8 19/07/21 14:45	24.8 19/07/21 12:54	24.8 19/07/21 12:54	24.8 19/07/21 10:07
Base Excess (from Blood Gas - read only)	1.4 19/07/21 14:45	1.4 19/07/21 14:45	0.8 19/07/21 12:54	0.8 19/07/21 12:54	-0.3 19/07/21 10:07
Total Hb (from Blood Gas - read only)	125 19/07/21 14:45	125 19/07/21 14:45	128 19/07/21 12:54	128 19/07/21 12:54	133 19/07/21 10:07
SaO2 (from Blood Gas - read only)	98.5 19/07/21 14:45	98.5 19/07/21 14:45	97.8 19/07/21 12:54	97.8 19/07/21 12:54	98 19/07/21 10:07
FiO2 (from Blood Gas - read only)	25 19/07/21 14:45	25 19/07/21 14:45	25 19/07/21 12:54	25 19/07/21 12:54	25 19/07/21 10:07
ETT Properties	Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes,				

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45

Row Name	19/07/21 07:20	19/07/21 06:20	19/07/21 03:03	19/07/21 01:43	18/07/21 23:38
pH (from Blood Gas - read only)	7.438 19/07/21 07:20	7.442 19/07/21 06:20	7.418 19/07/21 03:03	(!) 7.336 19/07/21 01:43	7.426 18/07/21 23:38
PCO2 (from Blood Gas - read only)	(!) 4.65 19/07/21 07:20	(!) 4.51 19/07/21 06:20	(!) 4.45 19/07/21 03:03	5.52 19/07/21 01:43	(!) 4.25 18/07/21 23:38
PO2 (from Blood Gas - read only)	(!) 14.4 19/07/21 07:20	(!) 14.9 19/07/21 06:20	(!) 17.3 19/07/21 03:03	(!) 19.6 19/07/21 01:43	(!) 19.4 18/07/21 23:38
HCO3- (from Blood Gas - read only)	24.2 19/07/21 07:20	24 19/07/21 06:20	22.6 19/07/21 03:03	21.4 19/07/21 01:43	22.3 18/07/21 23:38
Base Excess (from Blood Gas - read only)	-0.7 19/07/21 07:20	-1.1 19/07/21 06:20	-3 19/07/21 03:03	-3.8 19/07/21 01:43	-3.5 18/07/21 23:38
Total Hb (from Blood Gas - read only)	131 19/07/21 07:20	138 19/07/21 06:20	141 19/07/21 03:03	144 19/07/21 01:43	147 18/07/21 23:38
SaO2 (from Blood Gas - read only)	98.1 19/07/21 07:20	97.6 19/07/21 06:20	98.7 19/07/21 03:03	98.4 19/07/21 01:43	98.5 18/07/21 23:38
FiO2 (from Blood Gas - read only)	25 19/07/21 07:20	25 19/07/21 06:20	25 19/07/21 03:03	30 19/07/21 01:43	35 18/07/21 23:38

ETT Properties Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45

Row Name	18/07/21 21:22	18/07/21 21:15	18/07/21 19:45:01	18/07/21 19:45	18/07/21 18:28
pH (from Blood Gas - read only)	7.359 18/07/21 21:22	7.385 18/07/21 21:15	(!) 7.531 18/07/21 19:45	(!) 7.536 18/07/21 19:45	(!) 7.53 18/07/21 18:28
PCO2 (from Blood Gas - read only)	5.45 18/07/21 21:22	4.97 18/07/21 21:15	(!) 3.04 18/07/21 19:45	(!) 3.05 18/07/21 19:45	(!) 3.15 18/07/21 18:28
PO2 (from Blood Gas - read only)	(!) 7.48 18/07/21 21:22	(!) 18.8 18/07/21 21:15	(!) 21.5 18/07/21 19:45	(!) 21.4 18/07/21 19:45	(!) 20.8 18/07/21 18:28
HCO3- (from Blood Gas - read only)	22.3 18/07/21 21:22	22.4 18/07/21 21:15	22.6 18/07/21 19:45	22.9 18/07/21 19:45	23.1 18/07/21 18:28
Base Excess (from Blood Gas - read only)	-2.5 18/07/21 21:22	-2.8 18/07/21 21:15	-3.6 18/07/21 19:45	-3.3 18/07/21 19:45	-3 18/07/21 18:28
Total Hb (from Blood Gas - read only)	129 18/07/21 21:22	128 18/07/21 21:15	(!) 112 18/07/21 19:45	116 18/07/21 19:45	119 18/07/21 18:28
SaO2 (from Blood Gas - read only)	88.8 18/07/21 21:22	98.7 18/07/21 21:15	(!) 99.2 18/07/21 19:45	98.9 18/07/21 19:45	99 18/07/21 18:28
FiO2 (from Blood Gas - read only)	60 18/07/21 21:22	21 18/07/21 21:15	21 18/07/21 19:45	35 18/07/21 19:45	60 18/07/21 18:28

ETT Properties Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45

Row Name	18/07/21 18:24	18/07/21 15:51	18/07/21 13:53	18/07/21 02:03	18/07/21 00:33:05
pH (from Blood Gas - read only)	(!) 7.517 18/07/21 18:24	(!) 7.264 18/07/21 15:51	7.408 18/07/21 13:53	7.435 18/07/21 02:03	(!) 7.514 18/07/21 00:33
PCO2 (from Blood Gas - read only)	(!) 3.29 18/07/21 18:24	5.96 18/07/21 15:51	(!) 4.09 18/07/21 13:53	(!) 4.32 18/07/21 02:03	(!) 3.33 18/07/21 00:33
PO2 (from Blood Gas - read only)	(!) 29.9 18/07/21 18:24	(!) 63.5 18/07/21 15:51	(!) 9.84 18/07/21 13:53	(!) 5.68 18/07/21 02:03	10.9 18/07/21 00:33

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

HCO3- (from Blood Gas - read only)	23.1 18/07/21 18:24	19.1 18/07/21 15:51	20.7 18/07/21 13:53	22.6 18/07/21 02:03	23.2 18/07/21 00:33
Base Excess (from Blood Gas - read only)	-2.9 18/07/21 18:24	-6.7 18/07/21 15:51	-5.4 18/07/21 13:53	-2.5 18/07/21 02:03	-2.9 18/07/21 00:33
Total Hb (from Blood Gas - read only)	117 18/07/21 18:24	137 18/07/21 15:51	(!) 112 18/07/21 13:53	128 18/07/21 02:03	133 18/07/21 00:33
SaO2 (from Blood Gas - read only)	(!) 99.4 18/07/21 18:24	(!) 99.7 18/07/21 15:51	(!) 99.1 18/07/21 13:53	80.7 18/07/21 02:03	96 18/07/21 00:33
FiO2 (from Blood Gas - read only)	60 18/07/21 18:24	21 18/07/21 15:51	—	21 18/07/21 02:03	21 18/07/21 00:33
ETT Properties	Placement Date: 18/07/21 -RC, 19/07/21 01:16 Placement Time: 16:00 -RC, 19/07/21 01:16 Single Lumen Tube Size: 7 mm -RC, 19/07/21 01:16 Cuffed: Yes -RC, 19/07/21 01:16 Location: Oral -RC, 19/07/21 01:16 Grade View: Full view of the glottis -RC, 19/07/21 01:16 Comments: please see notes, intubated in A&E -RC, 19/07/21 01:16 Removal Date: 23/07/21 -AD, 23/07/21 05:45 Removal Time: 05:45 -AD, 23/07/21 05:45				
<b>Row Name</b>	<b>18/07/21 00:33:04</b>	<b>18/07/21 00:33:03</b>	<b>18/07/21 00:33:02</b>	<b>18/07/21 00:33:01</b>	<b>18/07/21 00:33</b>
pH (from Blood Gas - read only)	(!) 7.514 18/07/21 00:33	(!) 7.514 18/07/21 00:33	(!) 7.514 18/07/21 00:33	(!) 7.514 18/07/21 00:33	(!) 7.514 18/07/21 00:33
PCO2 (from Blood Gas - read only)	(!) 3.33 18/07/21 00:33	(!) 3.33 18/07/21 00:33	(!) 3.33 18/07/21 00:33	(!) 3.33 18/07/21 00:33	(!) 3.33 18/07/21 00:33
PO2 (from Blood Gas - read only)	10.9 18/07/21 00:33	10.9 18/07/21 00:33	10.9 18/07/21 00:33	10.9 18/07/21 00:33	10.9 18/07/21 00:33
HCO3- (from Blood Gas - read only)	23.2 18/07/21 00:33	23.2 18/07/21 00:33	23.2 18/07/21 00:33	23.2 18/07/21 00:33	23.2 18/07/21 00:33
Base Excess (from Blood Gas - read only)	-2.9 18/07/21 00:33	-2.9 18/07/21 00:33	-2.9 18/07/21 00:33	-2.9 18/07/21 00:33	-2.9 18/07/21 00:33
Total Hb (from Blood Gas - read only)	133 18/07/21 00:33	133 18/07/21 00:33	133 18/07/21 00:33	133 18/07/21 00:33	133 18/07/21 00:33
SaO2 (from Blood Gas - read only)	96 18/07/21 00:33	96 18/07/21 00:33	96 18/07/21 00:33	96 18/07/21 00:33	96 18/07/21 00:33
FiO2 (from Blood Gas - read only)	21 18/07/21 00:33	21 18/07/21 00:33	21 18/07/21 00:33	21 18/07/21 00:33	21 18/07/21 00:33

**User Key**

(r) = Recorded By, (t) = Taken By, (c) = Cosigned By

Initials	Name
OA	Odette AKASSI
CC	Carla CABAL, RN
RCB	Ramen CHENGEBROYEN, RN
TD	Theresa DENMAN
EG	Evart GUMABAO
SH	Sirivimol HAYNES
FK	Faiyaz KARIM
MM	Marianne MCFADDEN, RN
EM	Evangeline MEDINA, RN
FM	Filsan MOALIN, RN
WM	Wint MON
JN	Jeane NASCIMENTO, RN
CF	Carolyn FURNESS
RC	Raquel Soraia CASTRO RIBEIRO, RN
MA	Melania ABELENDIA CASTRO, RN
RCA	Roisin CRACKNELL
JM	Jaina MISTRY
MC	Mariam CHRYSZELLE BATAY
S	SEREDNURSE1012

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 2 of 3) (continued)**

CS	Chiara STERZA
SA	SEREDNURSE1063
BS	Bryan SUMAYAO
ZS	Zoie SIDAWAY
CP	Christina PAPAGEORGIOU, RN
DC	Declan CRILLY
JP	James PIDDING
ADB	Antonio DIAS CARDOSO, RN
HN	Hannah NYBERG, RN
LG	Livia GOTTARDI
MT	Marife TALORETE
LW	Lydia WEISS
GO	Gwenyvere OTERO
CM	Camille Aura MANALANG
DS	Darryl Ionee SANTOS
RS	Ralph Angelo SINSON
MB	Marialuisa BAFUNNO
RBA	Rhodiza Ann BALIO
RB	Ruksana Ruby BEGUM, RN
ADA	Ainen DEMAVIVAS
BC	Chronicles, Batchq
AD	Automatic DISCHARGE PROVIDER

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3)**

**SOFA**

Row Name	23/07/21 02:05	23/07/21 00:05	22/07/21 22:05	22/07/21 20:05	22/07/21 18:05
SOFA Score (Do Not Edit)	16 -BC at 23/07/21 02:07	16 -BC at 23/07/21 00:07	16 -BC at 22/07/21 22:07	16 -BC at 22/07/21 20:07	16 -BC at 22/07/21 18:07
Row Name	22/07/21 16:05	22/07/21 14:05	22/07/21 12:05	22/07/21 10:05	22/07/21 08:05
SOFA Score (Do Not Edit)	16 -BC at 22/07/21 16:07	16 -BC at 22/07/21 14:07	16 -BC at 22/07/21 12:07	15 -BC at 22/07/21 10:07	15 -BC at 22/07/21 08:07
Row Name	22/07/21 06:05	22/07/21 04:05	22/07/21 02:05	22/07/21 00:05	21/07/21 22:05
SOFA Score (Do Not Edit)	15 -BC at 22/07/21 06:06	15 -BC at 22/07/21 04:07	15 -BC at 22/07/21 02:07	15 -BC at 22/07/21 00:07	15 -BC at 21/07/21 22:07
Row Name	21/07/21 20:05	21/07/21 18:05	21/07/21 16:05	21/07/21 14:05	21/07/21 12:05
SOFA Score (Do Not Edit)	15 -BC at 21/07/21 20:07	15 -BC at 21/07/21 18:07	15 -BC at 21/07/21 16:07	15 -BC at 21/07/21 14:07	15 -BC at 21/07/21 12:07
Row Name	21/07/21 10:05	21/07/21 08:05	21/07/21 06:05	21/07/21 04:06	21/07/21 02:05
SOFA Score (Do Not Edit)	15 -BC at 21/07/21 10:07	15 -BC at 21/07/21 08:07	15 -BC at 21/07/21 06:07	15 -BC at 21/07/21 04:08	15 -BC at 21/07/21 02:07
Row Name	21/07/21 00:05	20/07/21 22:05	20/07/21 20:05	20/07/21 18:05	20/07/21 16:05
SOFA Score (Do Not Edit)	15 -BC at 21/07/21 00:07	14 -BC at 20/07/21 22:07	14 -BC at 20/07/21 20:07	14 -BC at 20/07/21 18:07	14 -BC at 20/07/21 16:07
Row Name	20/07/21 14:05	20/07/21 12:05	20/07/21 10:05	20/07/21 08:05	20/07/21 06:05
SOFA Score (Do Not Edit)	14 -BC at 20/07/21 14:08	14 -BC at 20/07/21 12:07	14 -BC at 20/07/21 10:07	13 -BC at 20/07/21 08:07	14 -BC at 20/07/21 06:07
Row Name	20/07/21 04:05	20/07/21 02:05	20/07/21 00:05	19/07/21 22:05	19/07/21 20:05
SOFA Score (Do Not Edit)	14 -BC at 20/07/21 04:07	14 -BC at 20/07/21 02:07	14 -BC at 20/07/21 00:07	15 -BC at 19/07/21 22:07	15 -BC at 19/07/21 20:07
Row Name	19/07/21 18:05	19/07/21 16:05	19/07/21 14:05	19/07/21 12:05	19/07/21 10:05
SOFA Score (Do Not Edit)	15 -BC at 19/07/21 18:07	15 -BC at 19/07/21 16:07	15 -BC at 19/07/21 14:07	15 -BC at 19/07/21 12:07	15 -BC at 19/07/21 10:07
Row Name	19/07/21 08:05	19/07/21 06:05	19/07/21 04:05	19/07/21 02:05	
SOFA Score (Do Not Edit)	15 -BC at 19/07/21 08:07	15 -BC at 19/07/21 06:07	15 -BC at 19/07/21 04:07	15 -BC at 19/07/21 02:07	

**Therapy Care Team**

Row Name	21/07/21 12:07
Nutrition & Dietetic Care Teams	Critical Care -NR at 21/07/21 12:07

**Time In Department**

Row Name	18/07/21 03:56
Time in Department > 4h	ED Decision Making -NH at 18/07/21 03:56

**Travel and Exposure Screening**

Row Name	17/07/21 23:12
Current temperature >37.5 or history of fever in the last 24 hours?	No -RB at 17/07/21 23:12
Travel overseas in the last 14 days?	No -RB at 17/07/21 23:12
Have you had contact with someone who has a confirmed infection?	No -RB at 17/07/21 23:12

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

**Vent Doc**

Row Name	22/07/21 13:00	22/07/21 12:00	22/07/21 11:05	22/07/21 11:04	22/07/21 11:00
PO2 (from Blood Gas - read only)	—	—	—	<b>(!) 21.8</b> 22/07/21 11:04	—
Vt/10	<b>44</b> -ZS at 22/07/21 17:36	<b>45</b> -ZS at 22/07/21 17:36	—	—	<b>45.3</b> -ZS at 22/07/21 11:08
Source (from Blood Gas - read only)	—	—	—	<b>Arterial</b> 22/07/21 11:04	—
FiO2 (from Blood Gas - read only)	—	—	—	<b>21</b> 22/07/21 11:04	—
pH (from Blood Gas - read only)	—	—	—	<b>(!) 7.481</b> 22/07/21 11:04	—
PCO2 (from Blood Gas - read only)	—	—	—	<b>(!) 4.31</b> 22/07/21 11:04	—
PO2 (from Blood Gas - read only)	—	—	—	<b>(!) 21.8</b> 22/07/21 11:04	—
HCO3- (from Blood Gas - read only)	—	—	—	<b>25.3</b> 22/07/21 11:04	—
Base Excess (from Blood Gas - read only)	—	—	—	<b>0.6</b> 22/07/21 11:04	—
Total Hb (from Blood Gas - read only)	—	—	—	<b>(!) 113</b> 22/07/21 11:04	—
SaO2 (from Blood Gas - read only)	—	—	—	<b>(!) 99.3</b> 22/07/21 11:04	—
Oxyhaemoglobin (from Blood Gas - read only)	—	—	—	<b>98.7</b> 22/07/21 11:04	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	—	—	<b>(!) 0</b> 22/07/21 11:04	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	—	—	<b>(!) 0.7</b> 22/07/21 11:04	—
Methaemoglobin (from Blood Gas - read only)	—	—	—	<b>0.6</b> 22/07/21 11:04	—
Haematocrit (from Blood Gas - read only)	—	—	—	<b>34.5</b> 22/07/21 11:04	—
Sodium (from Blood Gas - read only)	—	—	—	<b>139</b> 22/07/21 11:04	—
Potassium (from Blood Gas - read only)	—	—	—	<b>4.2</b> 22/07/21 11:04	—
Ionised Calcium (from Blood Gas - read only)	—	—	—	<b>1.13</b> 22/07/21 11:04	—
Chloride (from Blood Gas - read only)	—	—	—	<b>(!) 110</b> 22/07/21 11:04	—
Glucose (from Blood Gas - read only)	—	—	—	<b>(!) 9.4</b> 22/07/21 11:04	—
Lactate (from Blood Gas - read only)	—	—	—	<b>1.2</b> 22/07/21 11:04	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

only)					
Oxygen Content (from Blood Gas - read only)	—	—	—	7.1 22/07/21 11:04	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	—	—	3.17 22/07/21 11:04	—
P/F Ratio (with PO2 in mmHg)	—	—	778.64 -BI at 22/07/21 11:05	—	—
P/F Ratio (with PO2 in kPa)	—	—	103.81 -BI at 22/07/21 11:05	—	—
<b>Row Name</b>	<b>22/07/21 10:00</b>	<b>22/07/21 09:05</b>	<b>22/07/21 09:01</b>	<b>22/07/21 09:00</b>	<b>22/07/21 08:00</b>
PO2 (from Blood Gas - read only)	—	—	(!) 17.9 22/07/21 09:01	—	—
Vt/10	44 -ZS at 22/07/21 10:40	—	—	45.2 -ZS at 22/07/21 09:06	44.9 -HN at 22/07/21 08:02
Source (from Blood Gas - read only)	—	—	Arterial 22/07/21 09:01	—	—
FiO2 (from Blood Gas - read only)	—	—	21 22/07/21 09:01	—	—
pH (from Blood Gas - read only)	—	—	7.411 22/07/21 09:01	—	—
PCO2 (from Blood Gas - read only)	—	—	5.01 22/07/21 09:01	—	—
PO2 (from Blood Gas - read only)	—	—	(!) 17.9 22/07/21 09:01	—	—
HCO3- (from Blood Gas - read only)	—	—	24 22/07/21 09:01	—	—
Base Excess (from Blood Gas - read only)	—	—	-0.8 22/07/21 09:01	—	—
Total Hb (from Blood Gas - read only)	—	—	120 22/07/21 09:01	—	—
SaO2 (from Blood Gas - read only)	—	—	(!) 99.1 22/07/21 09:01	—	—
Oxyhaemoglobin (from Blood Gas - read only)	—	—	97.2 22/07/21 09:01	—	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	—	0.6 22/07/21 09:01	—	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	—	(!) 0.9 22/07/21 09:01	—	—
Methaemoglobin (from Blood Gas - read only)	—	—	1.3 22/07/21 09:01	—	—
Haematocrit (from Blood Gas - read only)	—	—	36.8 22/07/21 09:01	—	—
Sodium (from Blood Gas - read only)	—	—	140 22/07/21 09:01	—	—
Potassium (from Blood Gas - read only)	—	—	4.2 22/07/21 09:01	—	—
Ionised Calcium (from Blood Gas - read only)	—	—	1.16 22/07/21 09:01	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Chloride (from Blood Gas - read only)	—	—	<b>(!) 108</b> 22/07/21 09:01	—	—
Glucose (from Blood Gas - read only)	—	—	<b>(!) 11.2</b> 22/07/21 09:01	—	—
Lactate (from Blood Gas - read only)	—	—	<b>1.3</b> 22/07/21 09:01	—	—
Oxygen Content (from Blood Gas - read only)	—	—	<b>7.4</b> 22/07/21 09:01	—	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	—	<b>3.46</b> 22/07/21 09:01	—	—
P/F Ratio (with PO2 in mmHg)	—	<b>639.34</b> -Bl at 22/07/21 09:05	—	—	—
P/F Ratio (with PO2 in kPa)	—	<b>85.24</b> -Bl at 22/07/21 09:05	—	—	—
<b>Row Name</b>	<b>22/07/21 07:11</b>	<b>22/07/21 07:09</b>	<b>22/07/21 07:08</b>	<b>22/07/21 07:00</b>	<b>22/07/21 06:00</b>
PO2 (from Blood Gas - read only)	—	<b>(!) 64.1</b> 22/07/21 07:09	<b>(!) 19.7</b> 22/07/21 07:08	—	—
Vt/10	—	—	—	<b>42.2</b> -HN at 22/07/21 07:01	<b>44.2</b> -HN at 22/07/21 06:16
Source (from Blood Gas - read only)	—	<b>Arterial</b> 22/07/21 07:09	<b>Arterial</b> 22/07/21 07:08	—	—
FiO2 (from Blood Gas - read only)	—	<b>100</b> 22/07/21 07:09	<b>25</b> 22/07/21 07:08	—	—
pH (from Blood Gas - read only)	—	<b>7.444</b> 22/07/21 07:09	<b>(!) 7.47</b> 22/07/21 07:08	—	—
PCO2 (from Blood Gas - read only)	—	<b>(!) 4.46</b> 22/07/21 07:09	<b>(!) 4.29</b> 22/07/21 07:08	—	—
PO2 (from Blood Gas - read only)	—	<b>(!) 64.1</b> 22/07/21 07:09	<b>(!) 19.7</b> 22/07/21 07:08	—	—
HCO3- (from Blood Gas - read only)	—	<b>23.9</b> 22/07/21 07:09	<b>24.7</b> 22/07/21 07:08	—	—
Base Excess (from Blood Gas - read only)	—	<b>-1.2</b> 22/07/21 07:09	<b>-0.3</b> 22/07/21 07:08	—	—
Total Hb (from Blood Gas - read only)	—	<b>124</b> 22/07/21 07:09	<b>120</b> 22/07/21 07:08	—	—
SaO2 (from Blood Gas - read only)	—	<b>(!) 99.8</b> 22/07/21 07:09	<b>(!) 100</b> 22/07/21 07:08	—	—
Oxyhaemoglobin (from Blood Gas - read only)	—	<b>98.3</b> 22/07/21 07:09	<b>(!) 100</b> 22/07/21 07:08	—	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	<b>(!) 0.4</b> 22/07/21 07:09	<b>0.6</b> 22/07/21 07:08	—	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	<b>(!) 0.2</b> 22/07/21 07:09	<b>(!) 0</b> 22/07/21 07:08	—	—
Methaemoglobin (from Blood Gas - read only)	—	<b>1.1</b> 22/07/21 07:09	<b>(!) 0</b> 22/07/21 07:08	—	—
Haematocrit (from Blood Gas - read only)	—	<b>38.1</b> 22/07/21 07:09	<b>36.9</b> 22/07/21 07:08	—	—
Sodium (from	—	<b>141</b>	<b>146</b>	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Blood Gas - read only)		22/07/21 07:09	22/07/21 07:08		
Potassium (from Blood Gas - read only)	—	<b>4.1</b> 22/07/21 07:09	<b>4.1</b> 22/07/21 07:08	—	—
Ionised Calcium (from Blood Gas - read only)	—	<b>1.14</b> 22/07/21 07:09	<b>1.14</b> 22/07/21 07:08	—	—
Chloride (from Blood Gas - read only)	—	<b>(!) 111</b> 22/07/21 07:09	<b>(!) 112</b> 22/07/21 07:08	—	—
Glucose (from Blood Gas - read only)	—	<b>(!) 11.5</b> 22/07/21 07:09	<b>(!) 12.3</b> 22/07/21 07:08	—	—
Lactate (from Blood Gas - read only)	—	<b>1.3</b> 22/07/21 07:09	<b>1.5</b> 22/07/21 07:08	—	—
Oxygen Content (from Blood Gas - read only)	—	<b>8.3</b> 22/07/21 07:09	<b>7.6</b> 22/07/21 07:08	—	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	<b>3.34</b> 22/07/21 07:09	<b>3.27</b> 22/07/21 07:08	—	—
P/F Ratio (with PO2 in mmHg)	<b>480.79</b> -BI at 22/07/21 07:11	—	—	—	—
P/F Ratio (with PO2 in kPa)	<b>64.1</b> -BI at 22/07/21 07:11	—	—	—	—
<b>Row Name</b>	<b>22/07/21 05:16</b>	<b>22/07/21 05:15</b>	<b>22/07/21 05:14</b>	<b>22/07/21 05:00</b>	<b>22/07/21 04:00</b>
PO2 (from Blood Gas - read only)	—	<b>(!) 15.2</b> 22/07/21 05:15	<b>(!) 65.9</b> 22/07/21 05:14	—	—
Vt/10	—	—	—	<b>45.2</b> -FM at 22/07/21 05:54	<b>38.3</b> -HN at 22/07/21 04:03
Source (from Blood Gas - read only)	—	<b>Arterial</b> 22/07/21 05:15	<b>Arterial</b> 22/07/21 05:14	—	—
FiO2 (from Blood Gas - read only)	—	<b>25</b> 22/07/21 05:15	<b>100</b> 22/07/21 05:14	—	—
pH (from Blood Gas - read only)	—	<b>7.436</b> 22/07/21 05:15	<b>7.418</b> 22/07/21 05:14	—	—
PCO2 (from Blood Gas - read only)	—	<b>(!) 4.52</b> 22/07/21 05:15	<b>4.74</b> 22/07/21 05:14	—	—
PO2 (from Blood Gas - read only)	—	<b>(!) 15.2</b> 22/07/21 05:15	<b>(!) 65.9</b> 22/07/21 05:14	—	—
HCO3- (from Blood Gas - read only)	—	<b>23.7</b> 22/07/21 05:15	<b>23.5</b> 22/07/21 05:14	—	—
Base Excess (from Blood Gas - read only)	—	<b>-1.4</b> 22/07/21 05:15	<b>-1.6</b> 22/07/21 05:14	—	—
Total Hb (from Blood Gas - read only)	—	<b>123</b> 22/07/21 05:15	<b>138</b> 22/07/21 05:14	—	—
SaO2 (from Blood Gas - read only)	—	<b>98.7</b> 22/07/21 05:15	<b>(!) 99.3</b> 22/07/21 05:14	—	—
Oxyhaemoglobin (from Blood Gas - read only)	—	<b>97.7</b> 22/07/21 05:15	<b>97.6</b> 22/07/21 05:14	—	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	<b>(!) 0.1</b> 22/07/21 05:15	<b>0.6</b> 22/07/21 05:14	—	—
Deoxyhaemoglobin (from Blood	—	<b>1.3</b> 22/07/21 05:15	<b>(!) 0.7</b> 22/07/21 05:14	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Gas - read only)					
Methaemoglobin (from Blood Gas - read only)	—	0.9 22/07/21 05:15	1.1 22/07/21 05:14	—	—
Haematocrit (from Blood Gas - read only)	—	37.7 22/07/21 05:15	42.2 22/07/21 05:14	—	—
Sodium (from Blood Gas - read only)	—	141 22/07/21 05:15	142 22/07/21 05:14	—	—
Potassium (from Blood Gas - read only)	—	4.5 22/07/21 05:15	(!) 4.6 22/07/21 05:14	—	—
Ionised Calcium (from Blood Gas - read only)	—	1.17 22/07/21 05:15	1.17 22/07/21 05:14	—	—
Chloride (from Blood Gas - read only)	—	(!) 113 22/07/21 05:15	(!) 112 22/07/21 05:14	—	—
Glucose (from Blood Gas - read only)	—	(!) 10.2 22/07/21 05:15	(!) 11.8 22/07/21 05:14	—	—
Lactate (from Blood Gas - read only)	—	1.2 22/07/21 05:15	1.2 22/07/21 05:14	—	—
Oxygen Content (from Blood Gas - read only)	—	7.6 22/07/21 05:15	9 22/07/21 05:14	—	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	3.34 22/07/21 05:15	3.32 22/07/21 05:14	—	—
P/F Ratio (with PO2 in mmHg)	456.04 -BI at 22/07/21 05:16	—	—	—	—
P/F Ratio (with PO2 in kPa)	60.8 -BI at 22/07/21 05:16	—	—	—	—
<b>Row Name</b>	<b>22/07/21 03:11</b>	<b>22/07/21 03:09</b>	<b>22/07/21 03:00</b>	<b>22/07/21 02:00</b>	<b>22/07/21 01:36</b>
PO2 (from Blood Gas - read only)	—	(!) 67.9 22/07/21 03:09	—	—	—
Vt/10	—	—	36.3 -HN at 22/07/21 04:01	38 -FM at 22/07/21 02:07	—
Source (from Blood Gas - read only)	—	Arterial 22/07/21 03:09	—	—	—
FiO2 (from Blood Gas - read only)	—	100 22/07/21 03:09	—	—	—
pH (from Blood Gas - read only)	—	(!) 7.327 22/07/21 03:09	—	—	—
PCO2 (from Blood Gas - read only)	—	5.98 22/07/21 03:09	—	—	—
PO2 (from Blood Gas - read only)	—	(!) 67.9 22/07/21 03:09	—	—	—
HCO3- (from Blood Gas - read only)	—	22.2 22/07/21 03:09	—	—	—
Base Excess (from Blood Gas - read only)	—	-2.6 22/07/21 03:09	—	—	—
Total Hb (from Blood Gas - read only)	—	136 22/07/21 03:09	—	—	—
SaO2 (from Blood Gas - read only)	—	(!) 99.8 22/07/21 03:09	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Oxyhaemoglobin (from Blood Gas - read only)	—	98.1 22/07/21 03:09	—	—	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	0.6 22/07/21 03:09	—	—	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	<b>(!) 0.2</b> 22/07/21 03:09	—	—	—
Methaemoglobin (from Blood Gas - read only)	—	1.1 22/07/21 03:09	—	—	—
Haematocrit (from Blood Gas - read only)	—	41.6 22/07/21 03:09	—	—	—
Sodium (from Blood Gas - read only)	—	143 22/07/21 03:09	—	—	—
Potassium (from Blood Gas - read only)	—	<b>(!) 4.6</b> 22/07/21 03:09	—	—	—
Ionised Calcium (from Blood Gas - read only)	—	1.22 22/07/21 03:09	—	—	—
Chloride (from Blood Gas - read only)	—	<b>(!) 115</b> 22/07/21 03:09	—	—	—
Glucose (from Blood Gas - read only)	—	<b>(!) 10.6</b> 22/07/21 03:09	—	—	—
Lactate (from Blood Gas - read only)	—	0.9 22/07/21 03:09	—	—	—
Oxygen Content (from Blood Gas - read only)	—	9 22/07/21 03:09	—	—	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	3.8 22/07/21 03:09	—	—	—
P/F Ratio (with PO2 in mmHg)	509.29 -BI at 22/07/21 03:11	—	—	—	542.54 -BI at 22/07/21 01:36
P/F Ratio (with PO2 in kPa)	67.9 -BI at 22/07/21 03:11	—	—	—	72.33 -BI at 22/07/21 01:36
<b>Row Name</b>	<b>22/07/21 01:32</b>	<b>22/07/21 01:00</b>	<b>22/07/21 00:20</b>	<b>22/07/21 00:15</b>	<b>22/07/21 00:13</b>
PO2 (from Blood Gas - read only)	<b>(!) 21.7</b> 22/07/21 01:32	—	—	<b>(!) 21.3</b> 22/07/21 00:15	—
Vt/10	—	38.8 -FM at 22/07/21 01:47	—	—	—
Source (from Blood Gas - read only)	Arterial 22/07/21 01:32	—	—	Arterial 22/07/21 00:15	Arterial 22/07/21 00:13
FiO2 (from Blood Gas - read only)	30 22/07/21 01:32	—	—	30 22/07/21 00:15	30 22/07/21 00:13
pH (from Blood Gas - read only)	<b>(!) 7.348</b> 22/07/21 01:32	—	—	<b>(!) 7.291</b> 22/07/21 00:15	—
PCO2 (from Blood Gas - read only)	5.63 22/07/21 01:32	—	—	<b>(!) 6.26</b> 22/07/21 00:15	—
PO2 (from Blood Gas - read only)	<b>(!) 21.7</b> 22/07/21 01:32	—	—	<b>(!) 21.3</b> 22/07/21 00:15	—
HCO3- (from Blood Gas - read only)	22.4 22/07/21 01:32	—	—	21.1 22/07/21 00:15	—
Base Excess	-2.5	—	—	-3.9	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

(from Blood Gas - read only)	22/07/21 01:32			22/07/21 00:15	
Total Hb (from Blood Gas - read only)	127 22/07/21 01:32	—	—	123 22/07/21 00:15	—
SaO2 (from Blood Gas - read only)	98.9 22/07/21 01:32	—	—	98.9 22/07/21 00:15	—
Oxyhaemoglobin (from Blood Gas - read only)	97.2 22/07/21 01:32	—	—	97.2 22/07/21 00:15	—
Carboxyhaemoglobin (from Blood Gas - read only)	0.6 22/07/21 01:32	—	—	0.6 22/07/21 00:15	—
Deoxyhaemoglobin (from Blood Gas - read only)	1.1 22/07/21 01:32	—	—	1.1 22/07/21 00:15	—
Methaemoglobin (from Blood Gas - read only)	1.1 22/07/21 01:32	—	—	1.1 22/07/21 00:15	—
Haematocrit (from Blood Gas - read only)	39 22/07/21 01:32	—	—	37.7 22/07/21 00:15	—
Sodium (from Blood Gas - read only)	145 22/07/21 01:32	—	—	146 22/07/21 00:15	—
Potassium (from Blood Gas - read only)	(!) 4.9 22/07/21 01:32	—	—	(!) 5.1 22/07/21 00:15	—
Ionised Calcium (from Blood Gas - read only)	1.21 22/07/21 01:32	—	—	1.19 22/07/21 00:15	1.27 22/07/21 00:13
Chloride (from Blood Gas - read only)	(!) 118 22/07/21 01:32	—	—	(!) 120 22/07/21 00:15	—
Glucose (from Blood Gas - read only)	(!) 6.4 22/07/21 01:32	—	—	(!) 8.1 22/07/21 00:15	—
Lactate (from Blood Gas - read only)	0.5 22/07/21 01:32	—	—	0.6 22/07/21 00:15	—
Oxygen Content (from Blood Gas - read only)	7.9 22/07/21 01:32	—	—	7.6 22/07/21 00:15	—
O2 Tension at 50% saturation (from Blood Gas - read only)	3.71 22/07/21 01:32	—	—	3.95 22/07/21 00:15	—
P/F Ratio (with PO2 in mmHg)	—	—	532.54 -BI at 22/07/21 00:20	—	—
P/F Ratio (with PO2 in kPa)	—	—	71 -BI at 22/07/21 00:20	—	—
<b>Row Name</b>	<b>22/07/21 00:00</b>	<b>21/07/21 23:10</b>	<b>21/07/21 23:06</b>	<b>21/07/21 23:00</b>	<b>21/07/21 22:00</b>
PO2 (from Blood Gas - read only)	—	—	(!) 32.4 21/07/21 23:06	—	—
Vt/10	34.9 -HN at 22/07/21 00:25	—	—	41.1 -HN at 22/07/21 00:25	38.4 -HN at 21/07/21 22:10
Source (from Blood Gas - read only)	—	—	Arterial 21/07/21 23:06	—	—
FiO2 (from Blood Gas - read only)	—	—	50 21/07/21 23:06	—	—
pH (from Blood Gas - read only)	—	—	(!) 7.314 21/07/21 23:06	—	—
PCO2 (from	—	—	(!) 3.8	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Blood Gas - read only)			21/07/21 23:06		
PO2 (from Blood Gas - read only)	—	—	<b>(!) 32.4</b> 21/07/21 23:06	—	—
HCO3- (from Blood Gas - read only)	—	—	<b>16</b> 21/07/21 23:06	—	—
Base Excess (from Blood Gas - read only)	—	—	<b>-11.7</b> 21/07/21 23:06	—	—
Total Hb (from Blood Gas - read only)	—	—	<b>(!) 87</b> 21/07/21 23:06	—	—
SaO2 (from Blood Gas - read only)	—	—	<b>(!) 99.8</b> 21/07/21 23:06	—	—
Oxyhaemoglobin (from Blood Gas - read only)	—	—	<b>98.3</b> 21/07/21 23:06	—	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	—	<b>0.6</b> 21/07/21 23:06	—	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	—	<b>(!) 0.2</b> 21/07/21 23:06	—	—
Methaemoglobin (from Blood Gas - read only)	—	—	<b>0.9</b> 21/07/21 23:06	—	—
Haematocrit (from Blood Gas - read only)	—	—	<b>26.7</b> 21/07/21 23:06	—	—
Sodium (from Blood Gas - read only)	—	—	<b>(!) 149</b> 21/07/21 23:06	—	—
Potassium (from Blood Gas - read only)	—	—	<b>(!) 2.9</b> 21/07/21 23:06	—	—
Ionised Calcium (from Blood Gas - read only)	—	—	<b>(!) 0.84</b> 21/07/21 23:06	—	—
Chloride (from Blood Gas - read only)	—	—	<b>(!) 132</b> 21/07/21 23:06	—	—
Glucose (from Blood Gas - read only)	—	—	<b>5.8</b> 21/07/21 23:06	—	—
Lactate (from Blood Gas - read only)	—	—	<b>0.4</b> 21/07/21 23:06	—	—
Oxygen Content (from Blood Gas - read only)	—	—	<b>5.7</b> 21/07/21 23:06	—	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	—	<b>3.76</b> 21/07/21 23:06	—	—
P/F Ratio (with PO2 in mmHg)	—	<b>486.04</b> -Bl at 21/07/21 23:10	—	—	—
P/F Ratio (with PO2 in kPa)	—	<b>64.8</b> -Bl at 21/07/21 23:10	—	—	—
<b>Row Name</b>	<b>21/07/21 21:25</b>	<b>21/07/21 21:21</b>	<b>21/07/21 21:15</b>	<b>21/07/21 21:11</b>	<b>21/07/21 21:06</b>
PO2 (from Blood Gas - read only)	—	<b>(!) 63.5</b> 21/07/21 21:21	—	<b>(!) 57.8</b> 21/07/21 21:11	<b>(!) 61.2</b> 21/07/21 21:06
Source (from	—	<b>Arterial</b> 21/07/21 21:21	—	<b>Arterial</b> 21/07/21 21:11	<b>Arterial</b> 21/07/21 21:06

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Blood Gas - read only)					
FiO2 (from Blood Gas - read only)	—	<b>21</b> 21/07/21 21:21	—	<b>21</b> 21/07/21 21:11	<b>21</b> 21/07/21 21:06
pH (from Blood Gas - read only)	—	<b>(!) 7.162</b> 21/07/21 21:21	—	<b>(!) 7.32</b> 21/07/21 21:11	<b>7.354</b> 21/07/21 21:06
PCO2 (from Blood Gas - read only)	—	<b>(!) 9.71</b> 21/07/21 21:21	—	<b>(!) 6.06</b> 21/07/21 21:11	<b>5.55</b> 21/07/21 21:06
PO2 (from Blood Gas - read only)	—	<b>(!) 63.5</b> 21/07/21 21:21	—	<b>(!) 57.8</b> 21/07/21 21:11	<b>(!) 61.2</b> 21/07/21 21:06
HCO3- (from Blood Gas - read only)	—	<b>21</b> 21/07/21 21:21	—	<b>22.1</b> 21/07/21 21:11	<b>22.6</b> 21/07/21 21:06
Base Excess (from Blood Gas - read only)	—	<b>-2.6</b> 21/07/21 21:21	—	<b>-2.7</b> 21/07/21 21:11	<b>-2.3</b> 21/07/21 21:06
Total Hb (from Blood Gas - read only)	—	<b>134</b> 21/07/21 21:21	—	<b>132</b> 21/07/21 21:11	<b>128</b> 21/07/21 21:06
SaO2 (from Blood Gas - read only)	—	<b>(!) 99.9</b> 21/07/21 21:21	—	<b>(!) 99.9</b> 21/07/21 21:11	<b>(!) 100</b> 21/07/21 21:06
Oxyhaemoglobin (from Blood Gas - read only)	—	<b>98.1</b> 21/07/21 21:21	—	<b>98.7</b> 21/07/21 21:11	<b>98.7</b> 21/07/21 21:06
Carboxyhaemoglobin (from Blood Gas - read only)	—	<b>0.7</b> 21/07/21 21:21	—	<b>0.6</b> 21/07/21 21:11	<b>0.6</b> 21/07/21 21:06
Deoxyhaemoglobin (from Blood Gas - read only)	—	<b>(!) 0.1</b> 21/07/21 21:21	—	<b>(!) 0.1</b> 21/07/21 21:11	<b>(!) 0</b> 21/07/21 21:06
Methaemoglobin (from Blood Gas - read only)	—	<b>1.1</b> 21/07/21 21:21	—	<b>0.6</b> 21/07/21 21:11	<b>0.7</b> 21/07/21 21:06
Haematocrit (from Blood Gas - read only)	—	<b>41.1</b> 21/07/21 21:21	—	<b>40.4</b> 21/07/21 21:11	<b>39.3</b> 21/07/21 21:06
Sodium (from Blood Gas - read only)	—	<b>(!) 150</b> 21/07/21 21:21	—	<b>(!) 149</b> 21/07/21 21:11	<b>(!) 149</b> 21/07/21 21:06
Potassium (from Blood Gas - read only)	—	<b>4.4</b> 21/07/21 21:21	—	<b>4.2</b> 21/07/21 21:11	<b>4.4</b> 21/07/21 21:06
Ionised Calcium (from Blood Gas - read only)	—	<b>1.27</b> 21/07/21 21:21	—	<b>1.2</b> 21/07/21 21:11	<b>1.21</b> 21/07/21 21:06
Chloride (from Blood Gas - read only)	—	<b>(!) 119</b> 21/07/21 21:21	—	<b>(!) 120</b> 21/07/21 21:11	<b>(!) 120</b> 21/07/21 21:06
Glucose (from Blood Gas - read only)	—	<b>(!) 7</b> 21/07/21 21:21	—	<b>(!) 7.1</b> 21/07/21 21:11	<b>(!) 7.6</b> 21/07/21 21:06
Lactate (from Blood Gas - read only)	—	<b>0.6</b> 21/07/21 21:21	—	<b>0.8</b> 21/07/21 21:11	<b>0.8</b> 21/07/21 21:06
Oxygen Content (from Blood Gas - read only)	—	<b>8.8</b> 21/07/21 21:21	—	<b>8.7</b> 21/07/21 21:11	<b>8.5</b> 21/07/21 21:06
O2 Tension at 50% saturation (from Blood Gas - read only)	—	<b>4.59</b> 21/07/21 21:21	—	<b>3.85</b> 21/07/21 21:11	<b>3.7</b> 21/07/21 21:06
P/F Ratio (with PO2 in mmHg)	<b>2268.04</b> -Bl at 21/07/21 21:25	—	<b>2064.46</b> -Bl at 21/07/21 21:15	<b>2185.89</b> -Bl at 21/07/21 21:11	<b>2178.75</b> -Bl at 21/07/21 21:06

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

P/F Ratio (with PO2 in kPa)	302.38 -Bl at 21/07/21 21:25	—	275.24 -Bl at 21/07/21 21:15	291.43 -Bl at 21/07/21 21:11	290.48 -Bl at 21/07/21 21:06
Row Name	21/07/21 21:01	21/07/21 21:00	21/07/21 20:55	21/07/21 20:51	21/07/21 20:45
PO2 (from Blood Gas - read only)	(!) 61 21/07/21 21:01	—	—	(!) 56.3 21/07/21 20:51	—
Vt/10	—	39.6 -HN at 21/07/21 22:10	—	—	—
Source (from Blood Gas - read only)	Arterial 21/07/21 21:01	—	—	Arterial 21/07/21 20:51	—
FiO2 (from Blood Gas - read only)	21 21/07/21 21:01	—	—	21 21/07/21 20:51	—
pH (from Blood Gas - read only)	(!) 7.341 21/07/21 21:01	—	—	(!) 7.329 21/07/21 20:51	—
PCO2 (from Blood Gas - read only)	5.78 21/07/21 21:01	—	—	5.84 21/07/21 20:51	—
PO2 (from Blood Gas - read only)	(!) 61 21/07/21 21:01	—	—	(!) 56.3 21/07/21 20:51	—
HCO3- (from Blood Gas - read only)	22.4 21/07/21 21:01	—	—	22 21/07/21 20:51	—
Base Excess (from Blood Gas - read only)	-2.3 21/07/21 21:01	—	—	-3 21/07/21 20:51	—
Total Hb (from Blood Gas - read only)	130 21/07/21 21:01	—	—	126 21/07/21 20:51	—
SaO2 (from Blood Gas - read only)	(!) 99.8 21/07/21 21:01	—	—	(!) 99.8 21/07/21 20:51	—
Oxyhaemoglobin (from Blood Gas - read only)	98.3 21/07/21 21:01	—	—	98.4 21/07/21 20:51	—
Carboxyhaemoglobin (from Blood Gas - read only)	0.5 21/07/21 21:01	—	—	0.5 21/07/21 20:51	—
Deoxyhaemoglobin (from Blood Gas - read only)	(!) 0.2 21/07/21 21:01	—	—	(!) 0.2 21/07/21 20:51	—
Methaemoglobin (from Blood Gas - read only)	1 21/07/21 21:01	—	—	0.9 21/07/21 20:51	—
Haematocrit (from Blood Gas - read only)	39.9 21/07/21 21:01	—	—	38.7 21/07/21 20:51	—
Sodium (from Blood Gas - read only)	(!) 149 21/07/21 21:01	—	—	(!) 149 21/07/21 20:51	—
Potassium (from Blood Gas - read only)	4.2 21/07/21 21:01	—	—	3.9 21/07/21 20:51	—
Ionised Calcium (from Blood Gas - read only)	1.22 21/07/21 21:01	—	—	1.2 21/07/21 20:51	—
Chloride (from Blood Gas - read only)	(!) 120 21/07/21 21:01	—	—	(!) 120 21/07/21 20:51	—
Glucose (from Blood Gas - read only)	(!) 7.9 21/07/21 21:01	—	—	(!) 8.6 21/07/21 20:51	—
Lactate (from Blood Gas - read only)	0.8 21/07/21 21:01	—	—	0.8 21/07/21 20:51	—
Oxygen Content	8.6	—	—	8.3	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Row Name	21/07/21 20:42	21/07/21 20:35	21/07/21 20:33	21/07/21 20:20	21/07/21 20:19
(from Blood Gas - read only)	21/07/21 21:01			21/07/21 20:51	
O2 Tension at 50% saturation (from Blood Gas - read only)	3.75 21/07/21 21:01	—	—	3.8 21/07/21 20:51	—
P/F Ratio (with PO2 in mmHg)	—	—	2010.88 -BI at 21/07/21 20:55	—	2193.04 -BI at 21/07/21 20:45
P/F Ratio (with PO2 in kPa)	—	—	268.1 -BI at 21/07/21 20:55	—	292.38 -BI at 21/07/21 20:45
PO2 (from Blood Gas - read only)	(!) 61.4 21/07/21 20:42	—	(!) 57.3 21/07/21 20:33	—	(!) 62.4 21/07/21 20:19
Source (from Blood Gas - read only)	Arterial 21/07/21 20:42	—	Arterial 21/07/21 20:33	—	Arterial 21/07/21 20:19
FiO2 (from Blood Gas - read only)	21 21/07/21 20:42	—	21 21/07/21 20:33	—	21 21/07/21 20:19
pH (from Blood Gas - read only)	(!) 7.333 21/07/21 20:42	—	(!) 7.307 21/07/21 20:33	—	(!) 7.138 21/07/21 20:19
PCO2 (from Blood Gas - read only)	5.69 21/07/21 20:42	—	(!) 6.05 21/07/21 20:33	—	(!) 10.3 21/07/21 20:19
PO2 (from Blood Gas - read only)	(!) 61.4 21/07/21 20:42	—	(!) 57.3 21/07/21 20:33	—	(!) 62.4 21/07/21 20:19
HCO3- (from Blood Gas - read only)	21.8 21/07/21 20:42	—	21.3 21/07/21 20:33	—	20.6 21/07/21 20:19
Base Excess (from Blood Gas - read only)	-3.2 21/07/21 20:42	—	-3.7 21/07/21 20:33	—	-3 21/07/21 20:19
Total Hb (from Blood Gas - read only)	128 21/07/21 20:42	—	127 21/07/21 20:33	—	131 21/07/21 20:19
SaO2 (from Blood Gas - read only)	(!) 99.9 21/07/21 20:42	—	(!) 99.9 21/07/21 20:33	—	(!) 99.3 21/07/21 20:19
Oxyhaemoglobin (from Blood Gas - read only)	98.5 21/07/21 20:42	—	98.3 21/07/21 20:33	—	98.4 21/07/21 20:19
Carboxyhaemoglobin (from Blood Gas - read only)	0.6 21/07/21 20:42	—	0.6 21/07/21 20:33	—	(!) 0.1 21/07/21 20:19
Deoxyhaemoglobin (from Blood Gas - read only)	(!) 0.1 21/07/21 20:42	—	(!) 0.1 21/07/21 20:33	—	(!) 0.7 21/07/21 20:19
Methaemoglobin (from Blood Gas - read only)	0.8 21/07/21 20:42	—	1 21/07/21 20:33	—	0.8 21/07/21 20:19
Haematocrit (from Blood Gas - read only)	39.3 21/07/21 20:42	—	39 21/07/21 20:33	—	40 21/07/21 20:19
Sodium (from Blood Gas - read only)	(!) 149 21/07/21 20:42	—	(!) 148 21/07/21 20:33	—	—
Potassium (from Blood Gas - read only)	3.9 21/07/21 20:42	—	4.1 21/07/21 20:33	—	4.4 21/07/21 20:19
Ionised Calcium (from Blood Gas - read only)	1.2 21/07/21 20:42	—	1.21 21/07/21 20:33	—	1.27 21/07/21 20:19
Chloride (from Blood Gas - read only)	(!) 120 21/07/21 20:42	—	(!) 120 21/07/21 20:33	—	(!) 122 21/07/21 20:19

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Glucose (from Blood Gas - read only)	<b>(!) 9.8</b> 21/07/21 20:42	—	<b>(!) 11.3</b> 21/07/21 20:33	—	<b>(!) 12.3</b> 21/07/21 20:19
Lactate (from Blood Gas - read only)	<b>0.7</b> 21/07/21 20:42	—	<b>0.6</b> 21/07/21 20:33	—	—
Oxygen Content (from Blood Gas - read only)	<b>8.5</b> 21/07/21 20:42	—	<b>8.4</b> 21/07/21 20:33	—	<b>8.6</b> 21/07/21 20:19
O2 Tension at 50% saturation (from Blood Gas - read only)	<b>3.78</b> 21/07/21 20:42	—	<b>3.89</b> 21/07/21 20:33	—	<b>4.73</b> 21/07/21 20:19
P/F Ratio (with PO2 in mmHg)	—	<b>2046.6</b> -Bl at 21/07/21 20:35	—	<b>2228.76</b> -Bl at 21/07/21 20:20	—
P/F Ratio (with PO2 in kPa)	—	<b>272.86</b> -Bl at 21/07/21 20:35	—	<b>297.14</b> -Bl at 21/07/21 20:20	—
<b>Row Name</b>	<b>21/07/21 20:00</b>	<b>21/07/21 19:57</b>	<b>21/07/21 19:56</b>	<b>21/07/21 19:45</b>	<b>21/07/21 19:44</b>
PO2 (from Blood Gas - read only)	—	<b>(!) 52</b> 21/07/21 19:57	<b>(!) 54.4</b> 21/07/21 19:56	—	<b>(!) 9.46</b> 21/07/21 19:44
Vt/10	<b>42.4</b> -ZS at 21/07/21 20:30	—	—	—	—
Source (from Blood Gas - read only)	—	<b>Arterial</b> 21/07/21 19:57	<b>Arterial</b> 21/07/21 19:56	—	<b>Arterial</b> 21/07/21 19:44
FiO2 (from Blood Gas - read only)	—	<b>21</b> 21/07/21 19:57	<b>21</b> 21/07/21 19:56	—	<b>21</b> 21/07/21 19:44
pH (from Blood Gas - read only)	—	<b>7.36</b> 21/07/21 19:57	<b>7.351</b> 21/07/21 19:56	—	<b>(!) 7.35</b> 21/07/21 19:44
PCO2 (from Blood Gas - read only)	—	<b>(!) 6.02</b> 21/07/21 19:57	<b>(!) 6.06</b> 21/07/21 19:56	—	<b>(!) 6.14</b> 21/07/21 19:44
PO2 (from Blood Gas - read only)	—	<b>(!) 52</b> 21/07/21 19:57	<b>(!) 54.4</b> 21/07/21 19:56	—	<b>(!) 9.46</b> 21/07/21 19:44
HCO3- (from Blood Gas - read only)	—	<b>24.2</b> 21/07/21 19:57	<b>23.8</b> 21/07/21 19:56	—	<b>23.8</b> 21/07/21 19:44
Base Excess (from Blood Gas - read only)	—	<b>0</b> 21/07/21 19:57	<b>-0.5</b> 21/07/21 19:56	—	<b>-0.2</b> 21/07/21 19:44
Total Hb (from Blood Gas - read only)	—	<b>130</b> 21/07/21 19:57	<b>128</b> 21/07/21 19:56	—	<b>129</b> 21/07/21 19:44
SaO2 (from Blood Gas - read only)	—	<b>(!) 99.3</b> 21/07/21 19:57	<b>(!) 99.3</b> 21/07/21 19:56	—	<b>93.9</b> 21/07/21 19:44
Oxyhaemoglobin (from Blood Gas - read only)	—	<b>98.7</b> 21/07/21 19:57	<b>98.8</b> 21/07/21 19:56	—	<b>(!) 93</b> 21/07/21 19:44
Carboxyhaemoglobin (from Blood Gas - read only)	—	<b>(!) 0</b> 21/07/21 19:57	<b>(!) 0</b> 21/07/21 19:56	—	<b>(!) 0.3</b> 21/07/21 19:44
Deoxyhaemoglobin (from Blood Gas - read only)	—	<b>(!) 0.7</b> 21/07/21 19:57	<b>(!) 0.7</b> 21/07/21 19:56	—	<b>(!) 6</b> 21/07/21 19:44
Methaemoglobin (from Blood Gas - read only)	—	<b>0.7</b> 21/07/21 19:57	<b>0.6</b> 21/07/21 19:56	—	<b>0.7</b> 21/07/21 19:44
Haematocrit (from Blood Gas - read only)	—	<b>39.8</b> 21/07/21 19:57	<b>39.1</b> 21/07/21 19:56	—	<b>39.5</b> 21/07/21 19:44
Sodium (from Blood Gas - read only)	—	<b>147</b> 21/07/21 19:57	<b>147</b> 21/07/21 19:56	—	<b>(!) 148</b> 21/07/21 19:44
Potassium (from Blood Gas - read only)	—	<b>4.2</b> 21/07/21 19:57	<b>3.9</b> 21/07/21 19:56	—	<b>3.6</b> 21/07/21 19:44

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Blood Gas - read only)		21/07/21 19:57	21/07/21 19:56		21/07/21 19:44
Ionised Calcium (from Blood Gas - read only)	—	<b>1.19</b> 21/07/21 19:57	<b>1.2</b> 21/07/21 19:56	—	<b>1.21</b> 21/07/21 19:44
Chloride (from Blood Gas - read only)	—	<b>(!) 119</b> 21/07/21 19:57	<b>(!) 118</b> 21/07/21 19:56	—	<b>(!) 118</b> 21/07/21 19:44
Glucose (from Blood Gas - read only)	—	<b>(!) 9.2</b> 21/07/21 19:57	<b>(!) 9.3</b> 21/07/21 19:56	—	<b>(!) 8.4</b> 21/07/21 19:44
Lactate (from Blood Gas - read only)	—	<b>0.7</b> 21/07/21 19:57	<b>0.7</b> 21/07/21 19:56	—	<b>0.7</b> 21/07/21 19:44
Oxygen Content (from Blood Gas - read only)	—	<b>8.5</b> 21/07/21 19:57	<b>8.4</b> 21/07/21 19:56	—	<b>7.5</b> 21/07/21 19:44
O2 Tension at 50% saturation (from Blood Gas - read only)	—	<b>3.64</b> 21/07/21 19:57	<b>3.66</b> 21/07/21 19:56	—	<b>3.57</b> 21/07/21 19:44
P/F Ratio (with PO2 in mmHg)	<b>1857.3</b> -BI at 21/07/21 20:00	—	—	<b>337.89</b> -BI at 21/07/21 19:45	—
P/F Ratio (with PO2 in kPa)	<b>247.62</b> -BI at 21/07/21 20:00	—	—	<b>45.05</b> -BI at 21/07/21 19:45	—
<b>Row Name</b>	<b>21/07/21 19:40</b>	<b>21/07/21 19:35</b>	<b>21/07/21 19:20</b>	<b>21/07/21 19:19</b>	<b>21/07/21 19:00</b>
PO2 (from Blood Gas - read only)	—	<b>(!) 17.3</b> 21/07/21 19:35	—	<b>(!) 17.7</b> 21/07/21 19:19	—
Vt/10	—	—	—	—	<b>43.9</b> -ZS at 21/07/21 19:00
Source (from Blood Gas - read only)	—	<b>Arterial</b> 21/07/21 19:35	—	<b>Arterial</b> 21/07/21 19:19	—
FiO2 (from Blood Gas - read only)	—	<b>21</b> 21/07/21 19:35	—	<b>21</b> 21/07/21 19:19	—
pH (from Blood Gas - read only)	—	<b>(!) 7.453</b> 21/07/21 19:35	—	<b>(!) 7.472</b> 21/07/21 19:19	—
PCO2 (from Blood Gas - read only)	—	<b>(!) 4.64</b> 21/07/21 19:35	—	<b>(!) 4.25</b> 21/07/21 19:19	—
PO2 (from Blood Gas - read only)	—	<b>(!) 17.3</b> 21/07/21 19:35	—	<b>(!) 17.7</b> 21/07/21 19:19	—
HCO3- (from Blood Gas - read only)	—	<b>25.1</b> 21/07/21 19:35	—	<b>24.7</b> 21/07/21 19:19	—
Base Excess (from Blood Gas - read only)	—	<b>0.4</b> 21/07/21 19:35	—	<b>-0.4</b> 21/07/21 19:19	—
Total Hb (from Blood Gas - read only)	—	<b>131</b> 21/07/21 19:35	—	<b>131</b> 21/07/21 19:19	—
SaO2 (from Blood Gas - read only)	—	<b>98.9</b> 21/07/21 19:35	—	<b>99</b> 21/07/21 19:19	—
Oxyhaemoglobin (from Blood Gas - read only)	—	<b>97.3</b> 21/07/21 19:35	—	<b>97.5</b> 21/07/21 19:19	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	<b>0.7</b> 21/07/21 19:35	—	<b>0.7</b> 21/07/21 19:19	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	<b>1.1</b> 21/07/21 19:35	—	<b>1</b> 21/07/21 19:19	—
Methaemoglobin (from Blood Gas - read only)	—	<b>0.9</b> 21/07/21 19:35	—	<b>0.8</b> 21/07/21 19:19	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

- read only)					
Haematocrit (from Blood Gas - read only)	—	40.3 21/07/21 19:35	—	40.2 21/07/21 19:19	—
Sodium (from Blood Gas - read only)	—	148 21/07/21 19:35	—	(!) 148 21/07/21 19:19	—
Potassium (from Blood Gas - read only)	—	(!) 3.4 21/07/21 19:35	—	(!) 3.4 21/07/21 19:19	—
Ionised Calcium (from Blood Gas - read only)	—	1.17 21/07/21 19:35	—	1.17 21/07/21 19:19	—
Chloride (from Blood Gas - read only)	—	(!) 119 21/07/21 19:35	—	(!) 118 21/07/21 19:19	—
Glucose (from Blood Gas - read only)	—	(!) 9.2 21/07/21 19:35	—	(!) 9.4 21/07/21 19:19	—
Lactate (from Blood Gas - read only)	—	0.6 21/07/21 19:35	—	0.8 21/07/21 19:19	—
Oxygen Content (from Blood Gas - read only)	—	8.1 21/07/21 19:35	—	8.1 21/07/21 19:19	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	3.31 21/07/21 19:35	—	3.24 21/07/21 19:19	—
P/F Ratio (with PO2 in mmHg)	617.91 -BI at 21/07/21 19:40	—	632.2 -BI at 21/07/21 19:20	—	—
P/F Ratio (with PO2 in kPa)	82.38 -BI at 21/07/21 19:40	—	84.29 -BI at 21/07/21 19:20	—	—
<b>Row Name</b>	<b>21/07/21 18:00</b>	<b>21/07/21 17:10</b>	<b>21/07/21 17:07</b>	<b>21/07/21 17:00</b>	<b>21/07/21 16:00</b>
PO2 (from Blood Gas - read only)	—	—	(!) 19.4 21/07/21 17:07	—	—
Vt/10	44.6 -ZS at 21/07/21 18:00	—	—	45.2 -ZS at 21/07/21 18:00	43.9 -ZS at 21/07/21 16:29
Source (from Blood Gas - read only)	—	—	Arterial 21/07/21 17:07	—	—
FiO2 (from Blood Gas - read only)	—	—	21 21/07/21 17:07	—	—
pH (from Blood Gas - read only)	—	—	(!) 7.47 21/07/21 17:07	—	—
PCO2 (from Blood Gas - read only)	—	—	(!) 4.02 21/07/21 17:07	—	—
PO2 (from Blood Gas - read only)	—	—	(!) 19.4 21/07/21 17:07	—	—
HCO3- (from Blood Gas - read only)	—	—	23.7 21/07/21 17:07	—	—
Base Excess (from Blood Gas - read only)	—	—	-1.7 21/07/21 17:07	—	—
Total Hb (from Blood Gas - read only)	—	—	129 21/07/21 17:07	—	—
SaO2 (from Blood Gas - read only)	—	—	(!) 99.1 21/07/21 17:07	—	—
Oxyhaemoglobin (from Blood Gas - read only)	—	—	97.5 21/07/21 17:07	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Carboxyhaemoglobin (from Blood Gas - read only)	—	—	0.7 21/07/21 17:07	—	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	—	(!) 0.9 21/07/21 17:07	—	—
Methaemoglobin (from Blood Gas - read only)	—	—	0.9 21/07/21 17:07	—	—
Haematocrit (from Blood Gas - read only)	—	—	39.6 21/07/21 17:07	—	—
Sodium (from Blood Gas - read only)	—	—	(!) 150 21/07/21 17:07	—	—
Potassium (from Blood Gas - read only)	—	—	4 21/07/21 17:07	—	—
Ionised Calcium (from Blood Gas - read only)	—	—	1.14 21/07/21 17:07	—	—
Chloride (from Blood Gas - read only)	—	—	(!) 121 21/07/21 17:07	—	—
Glucose (from Blood Gas - read only)	—	—	(!) 9.9 21/07/21 17:07	—	—
Lactate (from Blood Gas - read only)	—	—	1 21/07/21 17:07	—	—
Oxygen Content (from Blood Gas - read only)	—	—	8 21/07/21 17:07	—	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	—	3.23 21/07/21 17:07	—	—
P/F Ratio (with PO2 in mmHg)	—	692.91 -BI at 21/07/21 17:10	—	—	2468.06 -BI at 21/07/21 16:00
P/F Ratio (with PO2 in kPa)	—	92.38 -BI at 21/07/21 17:10	—	—	329.05 -BI at 21/07/21 16:00
<b>Row Name</b>	<b>21/07/21 15:59</b>	<b>21/07/21 15:05</b>	<b>21/07/21 15:01</b>	<b>21/07/21 15:00</b>	<b>21/07/21 14:00</b>
PO2 (from Blood Gas - read only)	(!) 69.1 21/07/21 15:59	—	(!) 15.4 21/07/21 15:01	—	—
Vt/10	—	—	—	42.1 -ZS at 21/07/21 15:41	41.1 -ZS at 21/07/21 14:01
Source (from Blood Gas - read only)	Arterial 21/07/21 15:59	—	Arterial 21/07/21 15:01	—	—
FiO2 (from Blood Gas - read only)	21 21/07/21 15:59	—	21 21/07/21 15:01	—	—
pH (from Blood Gas - read only)	(!) 7.465 21/07/21 15:59	—	7.431 21/07/21 15:01	—	—
PCO2 (from Blood Gas - read only)	(!) 4.32 21/07/21 15:59	—	4.77 21/07/21 15:01	—	—
PO2 (from Blood Gas - read only)	(!) 69.1 21/07/21 15:59	—	(!) 15.4 21/07/21 15:01	—	—
HCO3- (from Blood Gas - read only)	24.6 21/07/21 15:59	—	24.3 21/07/21 15:01	—	—
Base Excess (from Blood Gas - read only)	-0.5 21/07/21 15:59	—	-0.5 21/07/21 15:01	—	—
Total Hb (from	133	—	135	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Blood Gas - read only)	21/07/21 15:59		21/07/21 15:01		
SaO2 (from Blood Gas - read only)	<b>(!) 99.8</b>	—	98.5	—	—
Oxyhaemoglobin (from Blood Gas - read only)	98.4	—	96.8	—	—
Carboxyhaemoglobin (from Blood Gas - read only)	0.6	—	0.8	—	—
Deoxyhaemoglobin (from Blood Gas - read only)	<b>(!) 0.2</b>	—	1.5	—	—
Methaemoglobin (from Blood Gas - read only)	0.8	—	0.9	—	—
Haematocrit (from Blood Gas - read only)	40.8	—	41.5	—	—
Sodium (from Blood Gas - read only)	<b>(!) 150</b>	—	<b>(!) 152</b>	—	—
Potassium (from Blood Gas - read only)	3.8	—	<b>(!) 4.6</b>	—	—
Ionised Calcium (from Blood Gas - read only)	1.15	—	1.16	—	—
Chloride (from Blood Gas - read only)	<b>(!) 121</b>	—	<b>(!) 122</b>	—	—
Glucose (from Blood Gas - read only)	<b>(!) 10.5</b>	—	<b>(!) 9</b>	—	—
Lactate (from Blood Gas - read only)	0.8	—	0.7	—	—
Oxygen Content (from Blood Gas - read only)	8.9	—	8.3	—	—
O2 Tension at 50% saturation (from Blood Gas - read only)	3.27	—	3.38	—	—
P/F Ratio (with PO2 in mmHg)	—	550.05	—	—	—
P/F Ratio (with PO2 in kPa)	—	73.33	—	—	—
<b>Row Name</b>	<b>21/07/21 13:05</b>	<b>21/07/21 13:02</b>	<b>21/07/21 13:00</b>	<b>21/07/21 12:00</b>	<b>21/07/21 11:21</b>
PO2 (from Blood Gas - read only)	—	<b>(!) 16.7</b>	—	—	—
Vt/10	—	—	37.7	44.5	—
Source (from Blood Gas - read only)	—	Arterial	—	—	—
FiO2 (from Blood Gas - read only)	—	21	—	—	—
pH (from Blood Gas - read only)	—	7.395	—	—	—
PCO2 (from Blood Gas - read only)	—	5.05	—	—	—
PO2 (from Blood Gas - read only)	—	<b>(!) 16.7</b>	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Gas - read only)		21/07/21 13:02			
HCO3- (from Blood Gas - read only)	—	23.2	—	—	—
Base Excess (from Blood Gas - read only)	—	-1.7	—	—	—
Total Hb (from Blood Gas - read only)	—	131	—	—	—
SaO2 (from Blood Gas - read only)	—	98.7	—	—	—
Oxyhaemoglobin (from Blood Gas - read only)	—	97.1	—	—	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	0.8	—	—	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	1.3	—	—	—
Methaemoglobin (from Blood Gas - read only)	—	0.8	—	—	—
Haematocrit (from Blood Gas - read only)	—	40.2	—	—	—
Sodium (from Blood Gas - read only)	—	(!) 155	—	—	—
Potassium (from Blood Gas - read only)	—	3.6	—	—	—
Ionised Calcium (from Blood Gas - read only)	—	1.15	—	—	—
Chloride (from Blood Gas - read only)	—	(!) 124	—	—	—
Glucose (from Blood Gas - read only)	—	(!) 7.7	—	—	—
Lactate (from Blood Gas - read only)	—	1.2	—	—	—
Oxygen Content (from Blood Gas - read only)	—	8.1	—	—	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	3.52	—	—	—
P/F Ratio (with PO2 in mmHg)	596.48 -BI at 21/07/21 13:05	—	—	—	617.91 -BI at 21/07/21 11:21
P/F Ratio (with PO2 in kPa)	79.52 -BI at 21/07/21 13:05	—	—	—	82.38 -BI at 21/07/21 11:21
<b>Row Name</b>	<b>21/07/21 11:19</b>	<b>21/07/21 11:00</b>	<b>21/07/21 10:00</b>	<b>21/07/21 09:16</b>	<b>21/07/21 09:12</b>
PO2 (from Blood Gas - read only)	(!) 17.3 21/07/21 11:19	—	—	—	(!) 15.3 21/07/21 09:12
ETCO2 (kPa)	—	—	3.8 kPa -JM at 21/07/21 10:11	—	—
Device Name	—	—	Servo-u -JM at 21/07/21 10:11	—	—
Vent Mode	—	—	Synchronised	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

			intermittent mandatory ventilation/pressure control -JM at 21/07/21 10:11		
Resp Rate (Set)	—	—	18 -JM at 21/07/21 10:11	—	—
Resp Rate Observed	—	—	18 -JM at 21/07/21 10:11	—	—
PEEP/CPAP set (cmH2O)	—	—	5 cmH2O -JM at 21/07/21 10:11	—	—
PEEP achieved (cmH2O)	—	—	4.9 cm H2O -JM at 21/07/21 10:11	—	—
Pressure Support (cm H2O)	—	—	10 cm H2O -JM at 21/07/21 10:11	—	—
PC Set	—	—	12 -JM at 21/07/21 10:11	—	—
Tidal Volume achieved (ml)	—	—	411.8 mL -JM at 21/07/21 10:11	—	—
Vt ml/kg	—	—	7.5 ml/kg -JM at 21/07/21 10:11	—	—
Minute Ventilation (L/min)	—	—	7.4 L/min -JM at 21/07/21 10:11	—	—
Ppeak (cm H2O)	—	—	17 cm H2O -JM at 21/07/21 10:11	—	—
Pmean MAP (cmH2O)	—	—	8.3 cm H2O -JM at 21/07/21 10:11	—	—
Trigger Sensitivity Flow (L/min)	—	—	1.41 L/min -JM at 21/07/21 10:11	—	—
Vt/10	—	49.7 -ZS at 21/07/21 11:28	41.2 -JM at 21/07/21 10:11	—	—
Source (from Blood Gas - read only)	Arterial 21/07/21 11:19	—	—	—	Arterial 21/07/21 09:12
FiO2 (from Blood Gas - read only)	21 21/07/21 11:19	—	—	—	21 21/07/21 09:12
pH (from Blood Gas - read only)	(!) 7.48 21/07/21 11:19	—	—	—	(!) 7.485 21/07/21 09:12
PCO2 (from Blood Gas - read only)	(!) 4.07 21/07/21 11:19	—	—	—	(!) 4.19 21/07/21 09:12
PO2 (from Blood Gas - read only)	(!) 17.3 21/07/21 11:19	—	—	—	(!) 15.3 21/07/21 09:12
HCO3- (from Blood Gas - read only)	24.5 21/07/21 11:19	—	—	—	25.3 21/07/21 09:12
Base Excess (from Blood Gas - read only)	-0.8 21/07/21 11:19	—	—	—	0.2 21/07/21 09:12
Total Hb (from Blood Gas - read only)	135 21/07/21 11:19	—	—	—	137 21/07/21 09:12
SaO2 (from Blood Gas - read only)	98.8 21/07/21 11:19	—	—	—	98.6 21/07/21 09:12
Oxyhaemoglobin (from Blood Gas - read only)	97.5 21/07/21 11:19	—	—	—	97.2 21/07/21 09:12
Carboxyhaemogl obin (from Blood Gas - read only)	0.6 21/07/21 11:19	—	—	—	0.7 21/07/21 09:12
Deoxyhaemoglo bin (from Blood	1.2 21/07/21 11:19	—	—	—	1.4 21/07/21 09:12

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Gas - read only)					
Methaemoglobin (from Blood Gas - read only)	0.7 21/07/21 11:19	—	—	—	0.7 21/07/21 09:12
Haematocrit (from Blood Gas - read only)	41.5 21/07/21 11:19	—	—	—	42.1 21/07/21 09:12
Sodium (from Blood Gas - read only)	(!) 156 21/07/21 11:19	—	—	—	(!) 156 21/07/21 09:12
Potassium (from Blood Gas - read only)	(!) 3.5 21/07/21 11:19	—	—	—	3.7 21/07/21 09:12
Ionised Calcium (from Blood Gas - read only)	(!) 1.12 21/07/21 11:19	—	—	—	1.14 21/07/21 09:12
Chloride (from Blood Gas - read only)	(!) 125 21/07/21 11:19	—	—	—	(!) 124 21/07/21 09:12
Glucose (from Blood Gas - read only)	(!) 8.5 21/07/21 11:19	—	—	—	(!) 8.6 21/07/21 09:12
Lactate (from Blood Gas - read only)	0.9 21/07/21 11:19	—	—	—	1.1 21/07/21 09:12
Oxygen Content (from Blood Gas - read only)	8.4 21/07/21 11:19	—	—	—	8.5 21/07/21 09:12
O2 Tension at 50% saturation (from Blood Gas - read only)	3.21 21/07/21 11:19	—	—	—	3.19 21/07/21 09:12
P/F Ratio (with PO2 in mmHg)	—	—	—	546.47 -Bl at 21/07/21 09:16	—
P/F Ratio (with PO2 in kPa)	—	—	—	72.86 -Bl at 21/07/21 09:16	—
<b>Row Name</b>	<b>21/07/21 09:00</b>	<b>21/07/21 08:00</b>	<b>21/07/21 07:06</b>	<b>21/07/21 07:04</b>	<b>21/07/21 07:00</b>
PO2 (from Blood Gas - read only)	—	—	—	(!) 13.4 21/07/21 07:04	—
Vt/10	42.5 -ZS at 21/07/21 09:22	43 -HN at 21/07/21 08:01	—	—	43.2 -HN at 21/07/21 07:10
Source (from Blood Gas - read only)	—	—	—	Arterial 21/07/21 07:04	—
FiO2 (from Blood Gas - read only)	—	—	—	21 21/07/21 07:04	—
pH (from Blood Gas - read only)	—	—	—	7.443 21/07/21 07:04	—
PCO2 (from Blood Gas - read only)	—	—	—	4.78 21/07/21 07:04	—
PO2 (from Blood Gas - read only)	—	—	—	(!) 13.4 21/07/21 07:04	—
HCO3- (from Blood Gas - read only)	—	—	—	25.1 21/07/21 07:04	—
Base Excess (from Blood Gas - read only)	—	—	—	0.4 21/07/21 07:04	—
Total Hb (from Blood Gas - read only)	—	—	—	136 21/07/21 07:04	—
SaO2 (from Blood Gas - read only)	—	—	—	98.2 21/07/21 07:04	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Oxyhaemoglobin (from Blood Gas - read only)	—	—	—	96.4	—
				21/07/21 07:04	
Carboxyhaemoglobin (from Blood Gas - read only)	—	—	—	0.8	—
				21/07/21 07:04	
Deoxyhaemoglobin (from Blood Gas - read only)	—	—	—	1.8	—
				21/07/21 07:04	
Methaemoglobin (from Blood Gas - read only)	—	—	—	1	—
				21/07/21 07:04	
Haematocrit (from Blood Gas - read only)	—	—	—	41.5	—
				21/07/21 07:04	
Sodium (from Blood Gas - read only)	—	—	—	(!) 159	—
				21/07/21 07:04	
Potassium (from Blood Gas - read only)	—	—	—	4.4	—
				21/07/21 07:04	
Ionised Calcium (from Blood Gas - read only)	—	—	—	1.15	—
				21/07/21 07:04	
Chloride (from Blood Gas - read only)	—	—	—	(!) 127	—
				21/07/21 07:04	
Glucose (from Blood Gas - read only)	—	—	—	(!) 6.8	—
				21/07/21 07:04	
Lactate (from Blood Gas - read only)	—	—	—	0.9	—
				21/07/21 07:04	
Oxygen Content (from Blood Gas - read only)	—	—	—	8.2	—
				21/07/21 07:04	
O2 Tension at 50% saturation (from Blood Gas - read only)	—	—	—	3.34	—
				21/07/21 07:04	
P/F Ratio (with PO2 in mmHg)	—	—	478.61	—	—
			-BI at 21/07/21 07:06		
P/F Ratio (with PO2 in kPa)	—	—	63.81	—	—
			-BI at 21/07/21 07:06		
<b>Row Name</b>	<b>21/07/21 06:00</b>	<b>21/07/21 05:00</b>	<b>21/07/21 04:41</b>	<b>21/07/21 04:40</b>	<b>21/07/21 02:00</b>
PO2 (from Blood Gas - read only)	—	—	—	(!) 10.7	—
				21/07/21 04:40	
Vt/10	40.4	40.8	—	—	41.4
	-HN at 21/07/21 07:10	-HN at 21/07/21 05:07			-HN at 21/07/21 04:53
Source (from Blood Gas - read only)	—	—	—	Arterial	—
				21/07/21 04:40	
FiO2 (from Blood Gas - read only)	—	—	—	21	—
				21/07/21 04:40	
pH (from Blood Gas - read only)	—	—	—	7.442	—
				21/07/21 04:40	
PCO2 (from Blood Gas - read only)	—	—	—	4.69	—
				21/07/21 04:40	
PO2 (from Blood Gas - read only)	—	—	—	(!) 10.7	—
				21/07/21 04:40	
HCO3- (from Blood Gas - read only)	—	—	—	24.6	—
				21/07/21 04:40	
Base Excess	—	—	—	-0.1	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

(from Blood Gas - read only)				21/07/21 04:40	
Total Hb (from Blood Gas - read only)	—	—	—	<b>137</b> 21/07/21 04:40	—
SaO2 (from Blood Gas - read only)	—	—	—	<b>96.8</b> 21/07/21 04:40	—
Oxyhaemoglobin (from Blood Gas - read only)	—	—	—	<b>95.2</b> 21/07/21 04:40	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	—	—	<b>0.8</b> 21/07/21 04:40	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	—	—	<b>3.1</b> 21/07/21 04:40	—
Methaemoglobin (from Blood Gas - read only)	—	—	—	<b>0.9</b> 21/07/21 04:40	—
Haematocrit (from Blood Gas - read only)	—	—	—	<b>42.1</b> 21/07/21 04:40	—
Sodium (from Blood Gas - read only)	—	—	—	<b>(!) 161</b> 21/07/21 04:40	—
Potassium (from Blood Gas - read only)	—	—	—	<b>3.7</b> 21/07/21 04:40	—
Ionised Calcium (from Blood Gas - read only)	—	—	—	<b>(!) 1.12</b> 21/07/21 04:40	—
Chloride (from Blood Gas - read only)	—	—	—	<b>(!) 130</b> 21/07/21 04:40	—
Glucose (from Blood Gas - read only)	—	—	—	<b>(!) 7.7</b> 21/07/21 04:40	—
Lactate (from Blood Gas - read only)	—	—	—	<b>0.9</b> 21/07/21 04:40	—
Oxygen Content (from Blood Gas - read only)	—	—	—	<b>8.2</b> 21/07/21 04:40	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	—	—	<b>3.05</b> 21/07/21 04:40	—
P/F Ratio (with PO2 in mmHg)	—	—	<b>382.17</b> -BI at 21/07/21 04:41	—	—
P/F Ratio (with PO2 in kPa)	—	—	<b>50.95</b> -BI at 21/07/21 04:41	—	—
<b>Row Name</b>	<b>21/07/21 01:16</b>	<b>21/07/21 01:14</b>	<b>21/07/21 01:00</b>	<b>21/07/21 00:00</b>	<b>20/07/21 23:05</b>
PO2 (from Blood Gas - read only)	—	<b>(!) 13.8</b> 21/07/21 01:14	—	—	—
Vt/10	—	—	<b>40.7</b> -HN at 21/07/21 04:53	<b>34.2</b> -HN at 21/07/21 00:01	—
Source (from Blood Gas - read only)	—	<b>Arterial</b> 21/07/21 01:14	—	—	—
FiO2 (from Blood Gas - read only)	—	<b>25</b> 21/07/21 01:14	—	—	—
pH (from Blood Gas - read only)	—	<b>7.385</b> 21/07/21 01:14	—	—	—
PCO2 (from	—	<b>5.16</b>	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Blood Gas - read only)		21/07/21 01:14			
PO2 (from Blood Gas - read only)	—	<b>(!) 13.8</b>	—	—	—
		21/07/21 01:14			
HCO3- (from Blood Gas - read only)	—	<b>23</b>	—	—	—
		21/07/21 01:14			
Base Excess (from Blood Gas - read only)	—	<b>-1.9</b>	—	—	—
		21/07/21 01:14			
Total Hb (from Blood Gas - read only)	—	<b>140</b>	—	—	—
		21/07/21 01:14			
SaO2 (from Blood Gas - read only)	—	<b>98</b>	—	—	—
		21/07/21 01:14			
Oxyhaemoglobin (from Blood Gas - read only)	—	<b>96.2</b>	—	—	—
		21/07/21 01:14			
Carboxyhaemoglobin (from Blood Gas - read only)	—	<b>0.9</b>	—	—	—
		21/07/21 01:14			
Deoxyhaemoglobin (from Blood Gas - read only)	—	<b>2</b>	—	—	—
		21/07/21 01:14			
Methaemoglobin (from Blood Gas - read only)	—	<b>0.9</b>	—	—	—
		21/07/21 01:14			
Haematocrit (from Blood Gas - read only)	—	<b>42.9</b>	—	—	—
		21/07/21 01:14			
Sodium (from Blood Gas - read only)	—	<b>(!) 165</b>	—	—	—
		21/07/21 01:14			
Potassium (from Blood Gas - read only)	—	<b>(!) 3.4</b>	—	—	—
		21/07/21 01:14			
Ionised Calcium (from Blood Gas - read only)	—	<b>1.24</b>	—	—	—
		21/07/21 01:14			
Chloride (from Blood Gas - read only)	—	<b>(!) 135</b>	—	—	—
		21/07/21 01:14			
Glucose (from Blood Gas - read only)	—	<b>(!) 8.5</b>	—	—	—
		21/07/21 01:14			
Lactate (from Blood Gas - read only)	—	<b>1.4</b>	—	—	—
		21/07/21 01:14			
Oxygen Content (from Blood Gas - read only)	—	<b>8.5</b>	—	—	—
		21/07/21 01:14			
O2 Tension at 50% saturation (from Blood Gas - read only)	—	<b>3.55</b>	—	—	—
		21/07/21 01:14			
P/F Ratio (with PO2 in mmHg)	<b>414.03</b>	—	—	—	<b>414.03</b>
	-BI at 21/07/21 01:16				-BI at 20/07/21 23:05
P/F Ratio (with PO2 in kPa)	<b>55.2</b>	—	—	—	<b>55.2</b>
	-BI at 21/07/21 01:16				-BI at 20/07/21 23:05
<b>Row Name</b>	<b>20/07/21 23:03</b>	<b>20/07/21 23:00</b>	<b>20/07/21 21:05</b>	<b>20/07/21 21:00</b>	<b>20/07/21 20:00</b>
PO2 (from Blood Gas - read only)	<b>(!) 13.8</b>	—	—	<b>(!) 13.5</b>	—
	20/07/21 23:03			20/07/21 21:00	
Vt/10	—	<b>33.7</b>	—	<b>35.1</b>	<b>35.7</b>
		-HN at 20/07/21 23:05		-HN at 20/07/21 22:24	-GO at 20/07/21 20:04

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Source (from Blood Gas - read only)	Arterial 20/07/21 23:03	—	—	Arterial 20/07/21 21:00	—
FiO2 (from Blood Gas - read only)	25 20/07/21 23:03	—	—	25 20/07/21 21:00	—
pH (from Blood Gas - read only)	7.398 20/07/21 23:03	—	—	7.426 20/07/21 21:00	—
PCO2 (from Blood Gas - read only)	5.5 20/07/21 23:03	—	—	4.91 20/07/21 21:00	—
PO2 (from Blood Gas - read only)	<b>(!) 13.8</b> 20/07/21 23:03	—	—	<b>(!) 13.5</b> 20/07/21 21:00	—
HCO3- (from Blood Gas - read only)	24.8 20/07/21 23:03	—	—	24.5 20/07/21 21:00	—
Base Excess (from Blood Gas - read only)	0.6 20/07/21 23:03	—	—	-0.1 20/07/21 21:00	—
Total Hb (from Blood Gas - read only)	152 20/07/21 23:03	—	—	149 20/07/21 21:00	—
SaO2 (from Blood Gas - read only)	97.8 20/07/21 23:03	—	—	97.8 20/07/21 21:00	—
Oxyhaemoglobin (from Blood Gas - read only)	95.9 20/07/21 23:03	—	—	96.3 20/07/21 21:00	—
Carboxyhaemoglobin (from Blood Gas - read only)	0.8 20/07/21 23:03	—	—	0.7 20/07/21 21:00	—
Deoxyhaemoglobin (from Blood Gas - read only)	2.2 20/07/21 23:03	—	—	2.2 20/07/21 21:00	—
Methaemoglobin (from Blood Gas - read only)	1.1 20/07/21 23:03	—	—	0.8 20/07/21 21:00	—
Haematocrit (from Blood Gas - read only)	46.4 20/07/21 23:03	—	—	45.8 20/07/21 21:00	—
Sodium (from Blood Gas - read only)	<b>(!) 164</b> 20/07/21 23:03	—	—	<b>(!) 166</b> 20/07/21 21:00	—
Potassium (from Blood Gas - read only)	4.3 20/07/21 23:03	—	—	<b>(!) 3.2</b> 20/07/21 21:00	—
Ionised Calcium (from Blood Gas - read only)	1.23 20/07/21 23:03	—	—	1.23 20/07/21 21:00	—
Chloride (from Blood Gas - read only)	<b>(!) 137</b> 20/07/21 23:03	—	—	<b>(!) 133</b> 20/07/21 21:00	—
Glucose (from Blood Gas - read only)	<b>(!) 6.9</b> 20/07/21 23:03	—	—	<b>(!) 7.8</b> 20/07/21 21:00	—
Lactate (from Blood Gas - read only)	1 20/07/21 23:03	—	—	1.2 20/07/21 21:00	—
Oxygen Content (from Blood Gas - read only)	9.2 20/07/21 23:03	—	—	9.1 20/07/21 21:00	—
O2 Tension at 50% saturation (from Blood Gas - read only)	3.48 20/07/21 23:03	—	—	3.41 20/07/21 21:00	—
P/F Ratio (with	—	—	405.03	—	—



**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

- read only)					
Haematocrit (from Blood Gas - read only)	—	—	45 20/07/21 17:17	—	—
Sodium (from Blood Gas - read only)	—	—	(!) 161 20/07/21 17:17	—	—
Potassium (from Blood Gas - read only)	—	—	3.7 20/07/21 17:17	—	—
Ionised Calcium (from Blood Gas - read only)	—	—	1.21 20/07/21 17:17	—	—
Chloride (from Blood Gas - read only)	—	—	(!) 130 20/07/21 17:17	—	—
Glucose (from Blood Gas - read only)	—	—	5.9 20/07/21 17:17	—	—
Lactate (from Blood Gas - read only)	—	—	0.7 20/07/21 17:17	—	—
Oxygen Content (from Blood Gas - read only)	—	—	9 20/07/21 17:17	—	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	—	3.09 20/07/21 17:17	—	—
P/F Ratio (with PO2 in mmHg)	—	482.18 -BI at 20/07/21 17:20	—	—	471.47 -BI at 20/07/21 14:10
P/F Ratio (with PO2 in kPa)	—	64.29 -BI at 20/07/21 17:20	—	—	62.86 -BI at 20/07/21 14:10
<b>Row Name</b>	<b>20/07/21 14:05</b>	<b>20/07/21 14:00</b>	<b>20/07/21 13:00</b>	<b>20/07/21 12:00</b>	<b>20/07/21 11:00</b>
PO2 (from Blood Gas - read only)	13.2 20/07/21 14:05	—	—	—	—
SpO2	—	—	98 % -CM at 20/07/21 13:13	—	—
ETCO2 (kPa)	—	—	4.7 kPa -CM at 20/07/21 13:13	—	—
Device Name	—	—	Servo-u -CM at 20/07/21 13:13	—	—
Resp Rate (Set)	—	—	18 -CM at 20/07/21 13:13	—	—
Resp Rate Observed	—	—	18 -CM at 20/07/21 13:13	—	—
PEEP/CPAP set (cmH2O)	—	—	5 cmH2O -CM at 20/07/21 13:13	—	—
PEEP achieved (cmH2O)	—	—	4.8 cm H2O -CM at 20/07/21 13:13	—	—
Pressure Support (cm H2O)	—	—	10 cm H2O -CM at 20/07/21 13:13	—	—
PC Set	—	—	12 -CM at 20/07/21 13:13	—	—
Tidal Volume achieved (ml)	—	—	418.8 mL -CM at 20/07/21 13:13	—	—
Vt ml/kg	—	—	7.6 ml/kg -CM at 20/07/21 13:13	—	—
Minute Ventilation (L/min)	—	—	7.5 L/min -CM at 20/07/21 13:13	—	—
Ppeak (cm H2O)	—	—	17 cm H2O -CM at 20/07/21 13:13	—	—
Pmean MAP (cmH2O)	—	—	8.3 cm H2O -CM at 20/07/21 13:13	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Trigger Sensitivity Flow (L/min)	—	—	1.41 L/min -CM at 20/07/21 13:13	—	—
Vt/10	—	42.7 -CM at 20/07/21 14:27	41.9 -CM at 20/07/21 13:13	40.2 -GO at 20/07/21 12:07	40.2 -GO at 20/07/21 11:04
Source (from Blood Gas - read only)	Arterial 20/07/21 14:05	—	—	—	—
FiO2 (from Blood Gas - read only)	21 20/07/21 14:05	—	—	—	—
pH (from Blood Gas - read only)	<b>(!) 7.454</b> 20/07/21 14:05	—	—	—	—
PCO2 (from Blood Gas - read only)	4.69 20/07/21 14:05	—	—	—	—
PO2 (from Blood Gas - read only)	13.2 20/07/21 14:05	—	—	—	—
HCO3- (from Blood Gas - read only)	25.4 20/07/21 14:05	—	—	—	—
Base Excess (from Blood Gas - read only)	0.7 20/07/21 14:05	—	—	—	—
Total Hb (from Blood Gas - read only)	134 20/07/21 14:05	—	—	—	—
SaO2 (from Blood Gas - read only)	98.1 20/07/21 14:05	—	—	—	—
Oxyhaemoglobin (from Blood Gas - read only)	96.7 20/07/21 14:05	—	—	—	—
Carboxyhaemoglobin (from Blood Gas - read only)	0.5 20/07/21 14:05	—	—	—	—
Deoxyhaemoglobin (from Blood Gas - read only)	1.9 20/07/21 14:05	—	—	—	—
Methaemoglobin (from Blood Gas - read only)	0.9 20/07/21 14:05	—	—	—	—
Haematocrit (from Blood Gas - read only)	41.1 20/07/21 14:05	—	—	—	—
Sodium (from Blood Gas - read only)	<b>(!) 156</b> 20/07/21 14:05	—	—	—	—
Potassium (from Blood Gas - read only)	<b>(!) 3.2</b> 20/07/21 14:05	—	—	—	—
Ionised Calcium (from Blood Gas - read only)	1.16 20/07/21 14:05	—	—	—	—
Chloride (from Blood Gas - read only)	<b>(!) 124</b> 20/07/21 14:05	—	—	—	—
Glucose (from Blood Gas - read only)	<b>(!) 7.3</b> 20/07/21 14:05	—	—	—	—
Lactate (from Blood Gas - read only)	1.2 20/07/21 14:05	—	—	—	—
Oxygen Content (from Blood Gas - read only)	8.2 20/07/21 14:05	—	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Row Name	20/07/21 10:36	20/07/21 10:35	20/07/21 10:00	20/07/21 09:00	20/07/21 08:01
O2 Tension at 50% saturation (from Blood Gas - read only)	3.32 20/07/21 14:05	—	—	—	—
PO2 (from Blood Gas - read only)	—	(!) 14.7 20/07/21 10:35	—	—	—
ETCO2 (kPa)	—	—	4.3 kPa -CM at 20/07/21 10:04	—	—
Device Name	—	—	Servo-u -CM at 20/07/21 10:04	—	—
Resp Rate (Set)	—	—	18 -CM at 20/07/21 10:04	—	—
Resp Rate Observed	—	—	18 -CM at 20/07/21 10:04	—	—
PEEP/CPAP set (cmH2O)	—	—	5 cmH2O -CM at 20/07/21 10:04	—	—
Pressure Support (cm H2O)	—	—	10 cm H2O -CM at 20/07/21 10:04	—	—
PC Set	—	—	12 -CM at 20/07/21 10:04	—	—
Tidal Volume achieved (ml)	—	—	396.2 mL -CM at 20/07/21 10:04	—	—
Vt ml/kg	—	—	7.2 ml/kg -CM at 20/07/21 10:04	—	—
Minute Ventilation (L/min)	—	—	7.2 L/min -CM at 20/07/21 10:04	—	—
Ppeak (cm H2O)	—	—	17 cm H2O -CM at 20/07/21 10:04	—	—
Pmean MAP (cmH2O)	—	—	8.3 cm H2O -CM at 20/07/21 10:04	—	—
Trigger Sensitivity Flow (L/min)	—	—	1.41 L/min -CM at 20/07/21 10:04	—	—
Vt/10	—	—	39.6 -CM at 20/07/21 10:04	33.7 -GO at 20/07/21 09:17	—
Source (from Blood Gas - read only)	—	Arterial 20/07/21 10:35	—	—	—
FiO2 (from Blood Gas - read only)	—	25 20/07/21 10:35	—	—	—
pH (from Blood Gas - read only)	—	(!) 7.505 20/07/21 10:35	—	—	—
PCO2 (from Blood Gas - read only)	—	(!) 4.28 20/07/21 10:35	—	—	—
PO2 (from Blood Gas - read only)	—	(!) 14.7 20/07/21 10:35	—	—	—
HCO3- (from Blood Gas - read only)	—	26.8 20/07/21 10:35	—	—	—
Base Excess (from Blood Gas - read only)	—	2.2 20/07/21 10:35	—	—	—
Total Hb (from Blood Gas - read only)	—	142 20/07/21 10:35	—	—	—
SaO2 (from Blood Gas - read only)	—	98.4 20/07/21 10:35	—	—	—
Oxyhaemoglobin (from Blood Gas - read only)	—	96.9 20/07/21 10:35	—	—	—
Carboxyhaemogl	—	0.5	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

obin (from Blood Gas - read only)		20/07/21 10:35			
Deoxyhaemoglobin (from Blood Gas - read only)	—	<b>1.6</b>	—	—	—
Methaemoglobin (from Blood Gas - read only)	—	<b>1</b>	—	—	—
Haematocrit (from Blood Gas - read only)	—	<b>43.5</b>	—	—	—
Sodium (from Blood Gas - read only)	—	<b>(!) 157</b>	—	—	—
Potassium (from Blood Gas - read only)	—	<b>4.1</b>	—	—	—
Ionised Calcium (from Blood Gas - read only)	—	<b>1.19</b>	—	—	—
Chloride (from Blood Gas - read only)	—	<b>(!) 125</b>	—	—	—
Glucose (from Blood Gas - read only)	—	<b>(!) 7.2</b>	—	—	—
Lactate (from Blood Gas - read only)	—	<b>1.3</b>	—	—	—
Oxygen Content (from Blood Gas - read only)	—	<b>8.7</b>	—	—	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	<b>3.14</b>	—	—	—
P/F Ratio (with PO2 in mmHg)	<b>441.04</b> -BI at 20/07/21 10:36	—	—	—	<b>612.05</b> -BI at 20/07/21 08:01
P/F Ratio (with PO2 in kPa)	<b>58.8</b> -BI at 20/07/21 10:36	—	—	—	<b>81.6</b> -BI at 20/07/21 08:01
HME	—	—	<b>Yes</b> -CM at 20/07/21 10:04	—	—
CO2 Water Trap Checked	—	—	<b>Yes</b> -CM at 20/07/21 10:04	—	—
<b>Row Name</b>	<b>20/07/21 08:00</b>	<b>20/07/21 07:58</b>	<b>20/07/21 07:00</b>	<b>20/07/21 06:00</b>	<b>20/07/21 05:01</b>
PO2 (from Blood Gas - read only)	—	<b>(!) 20.4</b> 20/07/21 07:58	—	—	—
Vt/10	<b>34</b> -HN at 20/07/21 08:07	—	<b>33</b> -HN at 20/07/21 08:07	<b>35.1</b> -HN at 20/07/21 06:10	—
Source (from Blood Gas - read only)	—	<b>Arterial</b> 20/07/21 07:58	—	—	—
FiO2 (from Blood Gas - read only)	—	<b>25</b> 20/07/21 07:58	—	—	—
pH (from Blood Gas - read only)	—	<b>(!) 7.481</b> 20/07/21 07:58	—	—	—
PCO2 (from Blood Gas - read only)	—	<b>(!) 4.45</b> 20/07/21 07:58	—	—	—
PO2 (from Blood Gas - read only)	—	<b>(!) 20.4</b> 20/07/21 07:58	—	—	—
HCO3- (from Blood Gas - read only)	—	<b>26</b> 20/07/21 07:58	—	—	—
Base Excess	—	<b>1.4</b>	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

(from Blood Gas - read only)		20/07/21 07:58			
Total Hb (from Blood Gas - read only)	—	<b>131</b> 20/07/21 07:58	—	—	—
SaO2 (from Blood Gas - read only)	—	<b>(!) 99.1</b> 20/07/21 07:58	—	—	—
Oxyhaemoglobin (from Blood Gas - read only)	—	<b>97.8</b> 20/07/21 07:58	—	—	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	<b>0.5</b> 20/07/21 07:58	—	—	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	<b>(!) 0.9</b> 20/07/21 07:58	—	—	—
Methaemoglobin (from Blood Gas - read only)	—	<b>0.8</b> 20/07/21 07:58	—	—	—
Haematocrit (from Blood Gas - read only)	—	<b>40</b> 20/07/21 07:58	—	—	—
Sodium (from Blood Gas - read only)	—	<b>(!) 158</b> 20/07/21 07:58	—	—	—
Potassium (from Blood Gas - read only)	—	<b>3.7</b> 20/07/21 07:58	—	—	—
Ionised Calcium (from Blood Gas - read only)	—	<b>1.12</b> 20/07/21 07:58	—	—	—
Chloride (from Blood Gas - read only)	—	<b>(!) 128</b> 20/07/21 07:58	—	—	—
Glucose (from Blood Gas - read only)	—	<b>(!) 7.4</b> 20/07/21 07:58	—	—	—
Lactate (from Blood Gas - read only)	—	<b>1.2</b> 20/07/21 07:58	—	—	—
Oxygen Content (from Blood Gas - read only)	—	<b>8.1</b> 20/07/21 07:58	—	—	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	<b>3.22</b> 20/07/21 07:58	—	—	—
P/F Ratio (with PO2 in mmHg)	—	—	—	—	<b>447.04</b> -BI at 20/07/21 05:01
P/F Ratio (with PO2 in kPa)	—	—	—	—	<b>59.6</b> -BI at 20/07/21 05:01
<b>Row Name</b>	<b>20/07/21 05:00</b>	<b>20/07/21 04:57</b>	<b>20/07/21 02:00</b>	<b>20/07/21 01:55</b>	<b>20/07/21 01:52</b>
PO2 (from Blood Gas - read only)	—	<b>(!) 14.9</b> 20/07/21 04:57	—	—	<b>(!) 14.4</b> 20/07/21 01:52
Vt/10	<b>33.1</b> -HN at 20/07/21 05:02	—	<b>33.2</b> -HN at 20/07/21 02:06	—	—
Source (from Blood Gas - read only)	—	<b>Arterial</b> 20/07/21 04:57	—	—	<b>Arterial</b> 20/07/21 01:52
FiO2 (from Blood Gas - read only)	—	<b>25</b> 20/07/21 04:57	—	—	<b>25</b> 20/07/21 01:52
pH (from Blood Gas - read only)	—	<b>(!) 7.472</b> 20/07/21 04:57	—	—	<b>7.428</b> 20/07/21 01:52
PCO2 (from	—	<b>4.82</b>	—	—	<b>5.45</b>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Blood Gas - read only)		20/07/21 04:57			20/07/21 01:52
PO2 (from Blood Gas - read only)	—	<b>(!) 14.9</b> 20/07/21 04:57	—	—	<b>(!) 14.4</b> 20/07/21 01:52
HCO3- (from Blood Gas - read only)	—	<b>27</b> 20/07/21 04:57	—	—	<b>26.5</b> 20/07/21 01:52
Base Excess (from Blood Gas - read only)	—	<b>2.8</b> 20/07/21 04:57	—	—	<b>2.6</b> 20/07/21 01:52
Total Hb (from Blood Gas - read only)	—	<b>136</b> 20/07/21 04:57	—	—	<b>143</b> 20/07/21 01:52
SaO2 (from Blood Gas - read only)	—	<b>98.6</b> 20/07/21 04:57	—	—	<b>98.1</b> 20/07/21 01:52
Oxyhaemoglobin (from Blood Gas - read only)	—	<b>97</b> 20/07/21 04:57	—	—	<b>96.7</b> 20/07/21 01:52
Carboxyhaemoglobin (from Blood Gas - read only)	—	<b>0.6</b> 20/07/21 04:57	—	—	<b>0.5</b> 20/07/21 01:52
Deoxyhaemoglobin (from Blood Gas - read only)	—	<b>1.4</b> 20/07/21 04:57	—	—	<b>1.9</b> 20/07/21 01:52
Methaemoglobin (from Blood Gas - read only)	—	<b>1</b> 20/07/21 04:57	—	—	<b>0.9</b> 20/07/21 01:52
Haematocrit (from Blood Gas - read only)	—	<b>41.7</b> 20/07/21 04:57	—	—	<b>43.8</b> 20/07/21 01:52
Sodium (from Blood Gas - read only)	—	<b>(!) 161</b> 20/07/21 04:57	—	—	<b>(!) 163</b> 20/07/21 01:52
Potassium (from Blood Gas - read only)	—	<b>3.7</b> 20/07/21 04:57	—	—	<b>3.7</b> 20/07/21 01:52
Ionised Calcium (from Blood Gas - read only)	—	<b>1.18</b> 20/07/21 04:57	—	—	<b>1.21</b> 20/07/21 01:52
Chloride (from Blood Gas - read only)	—	<b>(!) 128</b> 20/07/21 04:57	—	—	<b>(!) 128</b> 20/07/21 01:52
Glucose (from Blood Gas - read only)	—	<b>(!) 7.7</b> 20/07/21 04:57	—	—	<b>(!) 8.2</b> 20/07/21 01:52
Lactate (from Blood Gas - read only)	—	<b>1.2</b> 20/07/21 04:57	—	—	<b>1.5</b> 20/07/21 01:52
Oxygen Content (from Blood Gas - read only)	—	<b>8.3</b> 20/07/21 04:57	—	—	<b>8.7</b> 20/07/21 01:52
O2 Tension at 50% saturation (from Blood Gas - read only)	—	<b>3.26</b> 20/07/21 04:57	—	—	<b>3.43</b> 20/07/21 01:52
P/F Ratio (with PO2 in mmHg)	—	—	—	<b>432.04</b> -Bl at 20/07/21 01:55	—
P/F Ratio (with PO2 in kPa)	—	—	—	<b>57.6</b> -Bl at 20/07/21 01:55	—
<b>Row Name</b>	<b>20/07/21 01:00</b>	<b>20/07/21 00:00</b>	<b>19/07/21 23:20</b>	<b>19/07/21 23:17</b>	<b>19/07/21 23:00</b>
PO2 (from Blood Gas - read only)	—	—	—	<b>(!) 15.5</b> 19/07/21 23:17	—
Vt/10	<b>32.9</b> -HN at 20/07/21 01:01	<b>32.3</b> -HN at 20/07/21 00:06	—	—	<b>32.1</b> -HN at 19/07/21 23:19

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Source (from Blood Gas - read only)	—	—	—	Arterial 19/07/21 23:17	—
FiO2 (from Blood Gas - read only)	—	—	—	25 19/07/21 23:17	—
pH (from Blood Gas - read only)	—	—	—	7.419 19/07/21 23:17	—
PCO2 (from Blood Gas - read only)	—	—	—	5.69 19/07/21 23:17	—
PO2 (from Blood Gas - read only)	—	—	—	(!) 15.5 19/07/21 23:17	—
HCO3- (from Blood Gas - read only)	—	—	—	26.8 19/07/21 23:17	—
Base Excess (from Blood Gas - read only)	—	—	—	3.1 19/07/21 23:17	—
Total Hb (from Blood Gas - read only)	—	—	—	136 19/07/21 23:17	—
SaO2 (from Blood Gas - read only)	—	—	—	98.9 19/07/21 23:17	—
Oxyhaemoglobin (from Blood Gas - read only)	—	—	—	97.5 19/07/21 23:17	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	—	—	(!) 0.4 19/07/21 23:17	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	—	—	1.1 19/07/21 23:17	—
Methaemoglobin (from Blood Gas - read only)	—	—	—	1 19/07/21 23:17	—
Haematocrit (from Blood Gas - read only)	—	—	—	41.8 19/07/21 23:17	—
Sodium (from Blood Gas - read only)	—	—	—	(!) 159 19/07/21 23:17	—
Potassium (from Blood Gas - read only)	—	—	—	3.7 19/07/21 23:17	—
Ionised Calcium (from Blood Gas - read only)	—	—	—	1.15 19/07/21 23:17	—
Chloride (from Blood Gas - read only)	—	—	—	(!) 123 19/07/21 23:17	—
Glucose (from Blood Gas - read only)	—	—	—	(!) 7.5 19/07/21 23:17	—
Lactate (from Blood Gas - read only)	—	—	—	1.1 19/07/21 23:17	—
Oxygen Content (from Blood Gas - read only)	—	—	—	8.4 19/07/21 23:17	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	—	—	3.47 19/07/21 23:17	—
P/F Ratio (with	—	—	465.04	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Row Name	19/07/21 21:23:01	19/07/21 21:23	19/07/21 20:00	19/07/21 19:02:01	19/07/21 19:02
PO2 in mmHg			-BI at 19/07/21 23:20		
P/F Ratio (with PO2 in kPa)	—	—	62	—	—
			-BI at 19/07/21 23:20		
PO2 (from Blood Gas - read only)	(!) 16.5 19/07/21 21:23	16.5 19/07/21 21:23	—	(!) 15.9 19/07/21 19:02	15.9 19/07/21 19:02
ETCO2 (kPa)	—	—	6.5 kPa -MA at 19/07/21 20:45	—	—
Device Name	—	—	Servo-u -MA at 19/07/21 20:45	—	—
Vent Mode	—	—	Synchronised intermittent mandatory ventilation/pressure control -MA at 19/07/21 20:45	—	—
Resp Rate (Set)	—	—	16 -MA at 19/07/21 20:45	—	—
Resp Rate Observed	—	—	16 -MA at 19/07/21 20:45	—	—
PEEP/CPAP set (cmH2O)	—	—	5 cmH2O -MA at 19/07/21 20:45	—	—
PEEP achieved (cmH2O)	—	—	4.6 cm H2O -MA at 19/07/21 20:45	—	—
Achieved PEEP - Set PEEP (difference)	—	—	-0.4 cmH2O -MA at 19/07/21 20:45	—	—
Pressure Support (cm H2O)	—	—	10 cm H2O -MA at 19/07/21 20:45	—	—
PC Set	—	—	8 -MA at 19/07/21 20:45	—	—
Tidal Volume achieved (ml)	—	—	292.2 mL -MA at 19/07/21 20:45	—	—
Vt ml/kg	—	—	5.3 ml/kg -MA at 19/07/21 20:45	—	—
Minute Ventilation (L/min)	—	—	4.7 L/min -MA at 19/07/21 20:45	—	—
Ppeak (cm H2O)	—	—	13 cm H2O -MA at 19/07/21 20:45	—	—
Pmean MAP (cmH2O)	—	—	7.1 cm H2O -MA at 19/07/21 20:45	—	—
Trigger Sensitivity Flow (L/min)	—	—	1.41 L/min -MA at 19/07/21 20:45	—	—
Vt/10	—	—	29.2 -MA at 19/07/21 20:45	—	—
Source (from Blood Gas - read only)	Arterial 19/07/21 21:23	arterial 19/07/21 21:23	—	Arterial 19/07/21 19:02	Arterial 19/07/21 19:02
FiO2 (from Blood Gas - read only)	25 19/07/21 21:23	25 19/07/21 21:23	—	26 19/07/21 19:02	25 19/07/21 19:02
pH (from Blood Gas - read only)	7.371 19/07/21 21:23	7.37 19/07/21 21:23	—	7.365 19/07/21 19:02	7.365 19/07/21 19:02
PCO2 (from Blood Gas - read only)	(!) 6.4 19/07/21 21:23	6.4 19/07/21 21:23	—	(!) 6.11 19/07/21 19:02	6.11 19/07/21 19:02
PO2 (from Blood Gas - read only)	(!) 16.5 19/07/21 21:23	16.5 19/07/21 21:23	—	(!) 15.9 19/07/21 19:02	15.9 19/07/21 19:02
HCO3- (from Blood Gas - read only)	26 19/07/21 21:23	26 19/07/21 21:23	—	24.8 19/07/21 19:02	24.8 19/07/21 19:02
Base Excess (from Blood Gas - read only)	2.5 19/07/21 21:23	2.5 19/07/21 21:23	—	0.8 19/07/21 19:02	0.8 19/07/21 19:02

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Total Hb (from Blood Gas - read only)	131 19/07/21 21:23	131 19/07/21 21:23	—	125 19/07/21 19:02	125 19/07/21 19:02
SaO2 (from Blood Gas - read only)	98.8 19/07/21 21:23	98.8 19/07/21 21:23	—	98.5 19/07/21 19:02	98.5 19/07/21 19:02
Oxyhaemoglobin (from Blood Gas - read only)	98.1 19/07/21 21:23	98.1 19/07/21 21:23	—	97.7 19/07/21 19:02	97.7 19/07/21 19:02
Carboxyhaemoglobin (from Blood Gas - read only)	(!) 0 19/07/21 21:23	0 19/07/21 21:23	—	(!) 0 19/07/21 19:02	0 19/07/21 19:02
Deoxyhaemoglobin (from Blood Gas - read only)	1.2 19/07/21 21:23	1.2 19/07/21 21:23	—	1.5 19/07/21 19:02	1.5 19/07/21 19:02
Methaemoglobin (from Blood Gas - read only)	0.7 19/07/21 21:23	0.7 19/07/21 21:23	—	0.8 19/07/21 19:02	0.8 19/07/21 19:02
Haematocrit (from Blood Gas - read only)	40.2 19/07/21 21:23	40.2 19/07/21 21:23	—	38.3 19/07/21 19:02	38.3 19/07/21 19:02
Sodium (from Blood Gas - read only)	(!) 155 19/07/21 21:23	155 19/07/21 21:23	—	(!) 153 19/07/21 19:02	153 19/07/21 19:02
Potassium (from Blood Gas - read only)	4.2 19/07/21 21:23	4.2 19/07/21 21:23	—	(!) 4.6 19/07/21 19:02	4.6 19/07/21 19:02
Ionised Calcium (from Blood Gas - read only)	1.15 19/07/21 21:23	1.15 19/07/21 21:23	—	1.16 19/07/21 19:02	1.16 19/07/21 19:02
Chloride (from Blood Gas - read only)	(!) 122 19/07/21 21:23	122 19/07/21 21:23	—	(!) 123 19/07/21 19:02	123 19/07/21 19:02
Glucose (from Blood Gas - read only)	(!) 7.4 19/07/21 21:23	7.4 19/07/21 21:23	—	(!) 6.2 19/07/21 19:02	6.2 19/07/21 19:02
Lactate (from Blood Gas - read only)	0.8 19/07/21 21:23	0.8 19/07/21 21:23	—	1.1 19/07/21 19:02	1.1 19/07/21 19:02
Oxygen Content (from Blood Gas - read only)	8.2 19/07/21 21:23	18.3 19/07/21 21:23	—	7.7 19/07/21 19:02	17.3 19/07/21 19:02
O2 Tension at 50% saturation (from Blood Gas - read only)	3.65 19/07/21 21:23	3.65 19/07/21 21:23	—	3.66 19/07/21 19:02	3.66 19/07/21 19:02
f/VT	—	—	54.76 L -MA at 19/07/21 20:45	—	—
<b>Row Name</b>	<b>19/07/21 19:00</b>	<b>19/07/21 18:00</b>	<b>19/07/21 17:11:01</b>	<b>19/07/21 17:11</b>	<b>19/07/21 17:00</b>
PO2 (from Blood Gas - read only)	—	—	12.2 19/07/21 17:11	12.2 19/07/21 17:11	—
SpO2	—	—	—	—	95 % -MA at 19/07/21 17:05
ETCO2 (kPa)	5.7 kPa -DS at 19/07/21 19:00	—	—	—	5.3 kPa -MA at 19/07/21 17:05
Device Name	Servo-u -DS at 19/07/21 19:00	—	—	—	Servo-u -MA at 19/07/21 17:05
Vent Mode	Synchronised intermittent mandatory ventilation/pressure control -DS at 19/07/21 19:00	—	—	—	—
Resp Rate (Set)	14 -MA at 19/07/21 20:45	—	—	—	14 -MA at 19/07/21 17:05
Resp Rate	14	—	—	—	14

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Observed	-MA at 19/07/21 20:45				-MA at 19/07/21 17:05
PEEP/CPAP set (cmH2O)	5 cmH2O -DS at 19/07/21 19:00	—	—	—	5 cmH2O -MA at 19/07/21 17:05
PEEP achieved (cmH2O)	4.7 cm H2O -DS at 19/07/21 19:00	—	—	—	4.6 cm H2O -MA at 19/07/21 17:05
Achieved PEEP - Set PEEP (difference)	-0.3 cmH2O -DS at 19/07/21 19:00	—	—	—	-0.4 cmH2O -MA at 19/07/21 17:05
Pressure Support (cm H2O)	10 cm H2O -DS at 19/07/21 19:00	—	—	—	10 cm H2O -MA at 19/07/21 17:05
PC Set	8 -DS at 19/07/21 19:00	—	—	—	8 -MA at 19/07/21 17:05
Tidal Volume achieved (ml)	314.8 mL -DS at 19/07/21 19:00	—	—	—	328.6 mL -MA at 19/07/21 17:05
Minute Ventilation (L/min)	5 L/min -DS at 19/07/21 19:00	—	—	—	4.6 L/min -MA at 19/07/21 17:05
Ppeak (cm H2O)	13 cm H2O -DS at 19/07/21 19:00	—	—	—	13 cm H2O -MA at 19/07/21 17:05
Pmean MAP (cmH2O)	7.1 cm H2O -DS at 19/07/21 19:00	—	—	—	6.8 cm H2O -MA at 19/07/21 17:05
Trigger Sensitivity Flow (L/min)	1.41 L/min -DS at 19/07/21 19:00	—	—	—	1.41 L/min -MA at 19/07/21 17:05
Vt/10	31.5 -DS at 19/07/21 19:00	32.2 -DS at 19/07/21 18:47	—	—	32.9 -MA at 19/07/21 17:05
Source (from Blood Gas - read only)	—	—	Arterial 19/07/21 17:11	Arterial 19/07/21 17:11	—
FiO2 (from Blood Gas - read only)	—	—	21 19/07/21 17:11	21 19/07/21 17:11	—
pH (from Blood Gas - read only)	—	—	7.402 19/07/21 17:11	7.402 19/07/21 17:11	—
PCO2 (from Blood Gas - read only)	—	—	5.65 19/07/21 17:11	5.65 19/07/21 17:11	—
PO2 (from Blood Gas - read only)	—	—	12.2 19/07/21 17:11	12.2 19/07/21 17:11	—
HCO3- (from Blood Gas - read only)	—	—	25.6 19/07/21 17:11	25.6 19/07/21 17:11	—
Base Excess (from Blood Gas - read only)	—	—	1.6 19/07/21 17:11	1.6 19/07/21 17:11	—
Total Hb (from Blood Gas - read only)	—	—	123 19/07/21 17:11	123 19/07/21 17:11	—
SaO2 (from Blood Gas - read only)	—	—	97.5 19/07/21 17:11	97.5 19/07/21 17:11	—
Oxyhaemoglobin (from Blood Gas - read only)	—	—	96.7 19/07/21 17:11	96.7 19/07/21 17:11	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	—	(!) 0.1 19/07/21 17:11	0.1 19/07/21 17:11	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	—	2.5 19/07/21 17:11	2.5 19/07/21 17:11	—
Methaemoglobin (from Blood Gas - read only)	—	—	0.7 19/07/21 17:11	0.7 19/07/21 17:11	—
Haematocrit (from Blood Gas)	—	—	37.7 19/07/21 17:11	37.7 19/07/21 17:11	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

- read only)					
Sodium (from Blood Gas - read only)	—	—	<b>(!) 153</b> 19/07/21 17:11	153 19/07/21 17:11	—
Potassium (from Blood Gas - read only)	—	—	3.8 19/07/21 17:11	3.8 19/07/21 17:11	—
Ionised Calcium (from Blood Gas - read only)	—	—	1.15 19/07/21 17:11	1.15 19/07/21 17:11	—
Chloride (from Blood Gas - read only)	—	—	<b>(!) 122</b> 19/07/21 17:11	122 19/07/21 17:11	—
Glucose (from Blood Gas - read only)	—	—	<b>(!) 8</b> 19/07/21 17:11	8 19/07/21 17:11	—
Lactate (from Blood Gas - read only)	—	—	0.6 19/07/21 17:11	0.6 19/07/21 17:11	—
Oxygen Content (from Blood Gas - read only)	—	—	7.5 19/07/21 17:11	16.9 19/07/21 17:11	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	—	3.5 19/07/21 17:11	3.5 19/07/21 17:11	—
f/VT	44.47 L -MA at 19/07/21 20:45	—	—	—	42.6 L -MA at 19/07/21 17:05
<b>Row Name</b>	<b>19/07/21 16:00</b>	<b>19/07/21 15:00</b>	<b>19/07/21 14:45:01</b>	<b>19/07/21 14:45</b>	<b>19/07/21 14:00</b>
PO2 (from Blood Gas - read only)	—	—	<b>(!) 15.7</b> 19/07/21 14:45	15.7 19/07/21 14:45	—
SpO2	95 % -MA at 19/07/21 16:33	95 % -MA at 19/07/21 15:17	—	—	—
ETCO2 (kPa)	5 kPa -MA at 19/07/21 16:33	5 kPa -MA at 19/07/21 15:17	—	—	4.9 kPa -MA at 19/07/21 19:11
Device Name	Servo-u -MA at 19/07/21 16:33	Servo-u -MA at 19/07/21 15:17	—	—	—
Vent Mode	Synchronised intermittent mandatory ventilation/pressure control -MA at 19/07/21 16:33	Synchronised intermittent mandatory ventilation/pressure control -MA at 19/07/21 15:17	—	—	—
Resp Rate (Set)	14 -MA at 19/07/21 16:33	14 -MA at 19/07/21 16:34	—	—	—
Resp Rate Observed	14 -MA at 19/07/21 16:33	14 -MA at 19/07/21 16:34	—	—	—
PEEP/CPAP set (cmH2O)	5 cmH2O -MA at 19/07/21 16:33	5 cmH2O -MA at 19/07/21 15:17	—	—	5 cmH2O -MA at 19/07/21 19:11
PEEP achieved (cmH2O)	4.7 cm H2O -MA at 19/07/21 16:33	4.6 cm H2O -MA at 19/07/21 15:17	—	—	4.7 cm H2O -MA at 19/07/21 19:11
Achieved PEEP - Set PEEP (difference)	-0.3 cmH2O -MA at 19/07/21 16:34	-0.4 cmH2O -MA at 19/07/21 15:17	—	—	-0.3 cmH2O -DS (r) MA (t) at 19/07/21 19:12
Pressure Support (cm H2O)	10 cm H2O -MA at 19/07/21 16:33	10 cm H2O -MA at 19/07/21 15:17	—	—	10 cm H2O -MA at 19/07/21 19:11
PC Set	8 -MA at 19/07/21 16:33	8 -MA at 19/07/21 15:17	—	—	8 -MA at 19/07/21 19:11
Tidal Volume achieved (ml)	337.2 mL -MA at 19/07/21 16:33	338 mL -MA at 19/07/21 15:17	—	—	360.2 mL -MA at 19/07/21 19:11
Minute Ventilation (L/min)	4.7 L/min -MA at 19/07/21 16:33	4.7 L/min -MA at 19/07/21 15:17	—	—	5.7 L/min -MA at 19/07/21 19:11
Ppeak (cm H2O)	13 cm H2O -MA at 19/07/21 16:33	13 cm H2O -MA at 19/07/21 15:17	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Pmean MAP (cmH2O)	6.8 cm H2O -MA at 19/07/21 16:33	6.8 cm H2O -MA at 19/07/21 15:17	—	—	7.1 cm H2O -MA at 19/07/21 19:11
Trigger Sensitivity Flow (L/min)	1.41 L/min -MA at 19/07/21 16:33	1.41 L/min -MA at 19/07/21 15:17	—	—	1.41 L/min -MA at 19/07/21 19:11
Vt/10	33.7 -MA at 19/07/21 16:34	33.8 -MA at 19/07/21 15:17	—	—	36 -DS (r) MA (t) at 19/07/21 19:12
Source (from Blood Gas - read only)	—	—	Arterial 19/07/21 14:45	Arterial 19/07/21 14:45	—
FiO2 (from Blood Gas - read only)	—	—	25 19/07/21 14:45	25 19/07/21 14:45	—
pH (from Blood Gas - read only)	—	—	7.446 19/07/21 14:45	7.446 19/07/21 14:45	—
PCO2 (from Blood Gas - read only)	—	—	4.93 19/07/21 14:45	4.93 19/07/21 14:45	—
PO2 (from Blood Gas - read only)	—	—	(!) 15.7 19/07/21 14:45	15.7 19/07/21 14:45	—
HCO3- (from Blood Gas - read only)	—	—	25.8 19/07/21 14:45	25.8 19/07/21 14:45	—
Base Excess (from Blood Gas - read only)	—	—	1.4 19/07/21 14:45	1.4 19/07/21 14:45	—
Total Hb (from Blood Gas - read only)	—	—	125 19/07/21 14:45	125 19/07/21 14:45	—
SaO2 (from Blood Gas - read only)	—	—	98.5 19/07/21 14:45	98.5 19/07/21 14:45	—
Oxyhaemoglobin (from Blood Gas - read only)	—	—	97.7 19/07/21 14:45	97.7 19/07/21 14:45	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	—	(!) 0 19/07/21 14:45	0 19/07/21 14:45	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	—	1.5 19/07/21 14:45	1.5 19/07/21 14:45	—
Methaemoglobin (from Blood Gas - read only)	—	—	0.8 19/07/21 14:45	0.8 19/07/21 14:45	—
Haematocrit (from Blood Gas - read only)	—	—	38.3 19/07/21 14:45	38.3 19/07/21 14:45	—
Sodium (from Blood Gas - read only)	—	—	(!) 154 19/07/21 14:45	154 19/07/21 14:45	—
Potassium (from Blood Gas - read only)	—	—	(!) 4.6 19/07/21 14:45	4.6 19/07/21 14:45	—
Ionised Calcium (from Blood Gas - read only)	—	—	1.14 19/07/21 14:45	1.14 19/07/21 14:45	—
Chloride (from Blood Gas - read only)	—	—	(!) 125 19/07/21 14:45	125 19/07/21 14:45	—
Glucose (from Blood Gas - read only)	—	—	(!) 6.8 19/07/21 14:45	6.8 19/07/21 14:45	—
Lactate (from Blood Gas - read only)	—	—	1 19/07/21 14:45	1 19/07/21 14:45	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Oxygen Content (from Blood Gas - read only)	—	—	7.7 19/07/21 14:45	17.4 19/07/21 14:45	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	—	3.29 19/07/21 14:45	3.29 19/07/21 14:45	—
f/VT	41.52 L -MA at 19/07/21 16:34	41.42 L -MA at 19/07/21 16:34	—	—	44.42 L -MA at 19/07/21 19:12
<b>Row Name</b>	<b>19/07/21 13:00</b>	<b>19/07/21 12:54:01</b>	<b>19/07/21 12:54</b>	<b>19/07/21 12:00</b>	<b>19/07/21 11:00</b>
PO2 (from Blood Gas - read only)	—	(!) 13.4 19/07/21 12:54	13.4 19/07/21 12:54	—	—
SpO2	—	—	—	—	95 % -DS at 19/07/21 11:07
ETCO2 (kPa)	—	—	—	—	5.3 kPa -DS at 19/07/21 11:07
Device Name	—	—	—	—	Servo-u -DS at 19/07/21 11:07
Vent Mode	—	—	—	—	Synchronised intermittent mandatory ventilation/pressure control -DS at 19/07/21 11:07
Resp Rate (Set)	—	—	—	—	14 -DS at 19/07/21 11:07
Resp Rate Observed	—	—	—	—	14 -DS at 19/07/21 11:07
PEEP/CPAP set (cmH2O)	—	—	—	—	5 cmH2O -DS at 19/07/21 11:07
PEEP achieved (cmH2O)	—	—	—	—	4.7 cm H2O -DS at 19/07/21 11:07
Achieved PEEP - Set PEEP (difference)	—	—	—	—	-0.3 cmH2O -DS at 19/07/21 11:07
Pressure Support (cm H2O)	—	—	—	—	10 cm H2O -DS at 19/07/21 11:07
PC Set	—	—	—	—	8 -DS at 19/07/21 11:07
Tidal Volume achieved (ml)	—	—	—	—	321.2 mL -DS at 19/07/21 11:07
Minute Ventilation (L/min)	—	—	—	—	4.5 L/min -DS at 19/07/21 11:07
Ppeak (cm H2O)	—	—	—	—	13 cm H2O -DS at 19/07/21 11:07
Pmean MAP (cmH20)	—	—	—	—	6.8 cm H2O -DS at 19/07/21 11:07
Trigger Sensitivity Flow (L/min)	—	—	—	—	1.41 L/min -DS at 19/07/21 11:07
Vt/10	32.1 -DS at 19/07/21 13:00	—	—	31.5 -DS at 19/07/21 12:04	32.1 -DS at 19/07/21 11:07
Source (from Blood Gas - read only)	—	Arterial 19/07/21 12:54	Arterial 19/07/21 12:54	—	—
FiO2 (from Blood Gas - read only)	—	25 19/07/21 12:54	25 19/07/21 12:54	—	—
pH (from Blood Gas - read only)	—	7.372 19/07/21 12:54	7.372 19/07/21 12:54	—	—
PCO2 (from Blood Gas - read only)	—	5.99 19/07/21 12:54	5.99 19/07/21 12:54	—	—
PO2 (from Blood Gas - read only)	—	(!) 13.4 19/07/21 12:54	13.4 19/07/21 12:54	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

HCO3- (from Blood Gas - read only)	—	24.8 19/07/21 12:54	24.8 19/07/21 12:54	—	—
Base Excess (from Blood Gas - read only)	—	0.8 19/07/21 12:54	0.8 19/07/21 12:54	—	—
Total Hb (from Blood Gas - read only)	—	128 19/07/21 12:54	128 19/07/21 12:54	—	—
SaO2 (from Blood Gas - read only)	—	97.8 19/07/21 12:54	97.8 19/07/21 12:54	—	—
Oxyhaemoglobin (from Blood Gas - read only)	—	96.5 19/07/21 12:54	96.5 19/07/21 12:54	—	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	(!) 0.2 19/07/21 12:54	0.2 19/07/21 12:54	—	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	2.2 19/07/21 12:54	2.2 19/07/21 12:54	—	—
Methaemoglobin (from Blood Gas - read only)	—	1.1 19/07/21 12:54	1.1 19/07/21 12:54	—	—
Haematocrit (from Blood Gas - read only)	—	39.2 19/07/21 12:54	39.2 19/07/21 12:54	—	—
Sodium (from Blood Gas - read only)	—	(!) 156 19/07/21 12:54	156 19/07/21 12:54	—	—
Potassium (from Blood Gas - read only)	—	3.8 19/07/21 12:54	3.8 19/07/21 12:54	—	—
Ionised Calcium (from Blood Gas - read only)	—	1.16 19/07/21 12:54	1.16 19/07/21 12:54	—	—
Chloride (from Blood Gas - read only)	—	(!) 124 19/07/21 12:54	124 19/07/21 12:54	—	—
Glucose (from Blood Gas - read only)	—	(!) 7.5 19/07/21 12:54	7.5 19/07/21 12:54	—	—
Lactate (from Blood Gas - read only)	—	0.7 19/07/21 12:54	0.7 19/07/21 12:54	—	—
Oxygen Content (from Blood Gas - read only)	—	7.8 19/07/21 12:54	17.5 19/07/21 12:54	—	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	3.64 19/07/21 12:54	3.64 19/07/21 12:54	—	—
f/VT	—	—	—	—	43.59 L -DS at 19/07/21 11:07
<b>Row Name</b>	<b>19/07/21 10:10</b>	<b>19/07/21 10:07</b>	<b>19/07/21 10:00</b>	<b>19/07/21 09:00</b>	<b>19/07/21 08:00</b>
PO2 (from Blood Gas - read only)	—	(!) 14.8 19/07/21 10:07	—	—	—
ETCO2 (kPa)	—	—	—	—	4.8 kPa -RC at 19/07/21 08:04
Vent Mode	—	—	—	—	Synchronised intermittent mandatory ventilation/pressure control -RC at 19/07/21 08:03

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Resp Rate (Set)	—	—	—	—	<b>16</b> -RC at 19/07/21 08:03
Resp Rate Observed	—	—	—	—	<b>16</b> -RC at 19/07/21 08:03
PEEP/CPAP set (cmH2O)	—	—	—	—	<b>5 cmH2O</b> -RC at 19/07/21 08:04
PEEP achieved (cmH2O)	—	—	—	—	<b>4.8 cm H2O</b> -RC at 19/07/21 08:04
Pressure Support (cm H2O)	—	—	—	—	<b>10 cm H2O</b> -RC at 19/07/21 08:04
PC Set	—	—	—	—	<b>10</b> -RC at 19/07/21 08:04
Tidal Volume achieved (ml)	—	—	—	—	<b>383.2 mL</b> -RC at 19/07/21 08:04
Minute Ventilation (L/min)	—	—	—	—	<b>6.1 L/min</b> -RC at 19/07/21 08:04
I:E Ratio	—	—	—	—	<b>1:2</b> -RC at 19/07/21 08:03
Ppeak (cm H2O)	—	—	—	—	<b>15 cm H2O</b> -RC at 19/07/21 08:03
Pmean MAP (cmH2O)	—	—	—	—	<b>7.7 cm H2O</b> -RC at 19/07/21 08:04
Trigger Sensitivity Flow (L/min)	—	—	—	—	<b>1.41 L/min</b> -RC at 19/07/21 08:04
Vt/10	—	—	<b>41.1</b> -DS at 19/07/21 10:17	<b>37.1</b> -DS at 19/07/21 10:17	<b>38.3</b> -RC at 19/07/21 08:04
Source (from Blood Gas - read only)	—	<b>Arterial</b> 19/07/21 10:07	—	—	—
FiO2 (from Blood Gas - read only)	—	<b>25</b> 19/07/21 10:07	—	—	—
pH (from Blood Gas - read only)	—	<b>(!) 7.477</b> 19/07/21 10:07	—	—	—
PCO2 (from Blood Gas - read only)	—	<b>(!) 4.2</b> 19/07/21 10:07	—	—	—
PO2 (from Blood Gas - read only)	—	<b>(!) 14.8</b> 19/07/21 10:07	—	—	—
HCO3- (from Blood Gas - read only)	—	<b>24.8</b> 19/07/21 10:07	—	—	—
Base Excess (from Blood Gas - read only)	—	<b>-0.3</b> 19/07/21 10:07	—	—	—
Total Hb (from Blood Gas - read only)	—	<b>133</b> 19/07/21 10:07	—	—	—
SaO2 (from Blood Gas - read only)	—	<b>98</b> 19/07/21 10:07	—	—	—
Oxyhaemoglobin (from Blood Gas - read only)	—	<b>96.5</b> 19/07/21 10:07	—	—	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	<b>0.5</b> 19/07/21 10:07	—	—	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	<b>2</b> 19/07/21 10:07	—	—	—
Methaemoglobin (from Blood Gas - read only)	—	<b>1</b> 19/07/21 10:07	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Haematocrit (from Blood Gas - read only)	—	<b>40.6</b> 19/07/21 10:07	—	—	—
Sodium (from Blood Gas - read only)	—	<b>(!) 154</b> 19/07/21 10:07	—	—	—
Potassium (from Blood Gas - read only)	—	<b>3.8</b> 19/07/21 10:07	—	—	—
Ionised Calcium (from Blood Gas - read only)	—	<b>1.16</b> 19/07/21 10:07	—	—	—
Chloride (from Blood Gas - read only)	—	<b>(!) 127</b> 19/07/21 10:07	—	—	—
Glucose (from Blood Gas - read only)	—	<b>(!) 11.1</b> 19/07/21 10:07	—	—	—
Lactate (from Blood Gas - read only)	—	<b>0.8</b> 19/07/21 10:07	—	—	—
Oxygen Content (from Blood Gas - read only)	—	<b>8.1</b> 19/07/21 10:07	—	—	—
O2 Tension at 50% saturation (from Blood Gas - read only)	—	<b>3.11</b> 19/07/21 10:07	—	—	—
P/F Ratio (with PO2 in mmHg)	<b>444.04</b> -BI at 19/07/21 10:10	—	—	—	—
P/F Ratio (with PO2 in kPa)	<b>59.2</b> -BI at 19/07/21 10:10	—	—	—	—
<b>Row Name</b>	<b>19/07/21 07:21</b>	<b>19/07/21 07:20</b>	<b>19/07/21 07:00</b>	<b>19/07/21 06:21</b>	<b>19/07/21 06:20</b>
PO2 (from Blood Gas - read only)	—	<b>(!) 14.4</b> 19/07/21 07:20	—	—	<b>(!) 14.9</b> 19/07/21 06:20
ETCO2 (kPa)	—	—	<b>4.7 kPa</b> -RC at 19/07/21 08:04	—	—
Vent Mode	—	—	<b>Synchronised intermittent mandatory ventilation/pressure control</b> -RC at 19/07/21 08:03	—	—
Resp Rate (Set)	—	—	<b>16</b> -RC at 19/07/21 08:03	—	—
Resp Rate Observed	—	—	<b>16</b> -RC at 19/07/21 08:03	—	—
PEEP/CPAP set (cmH2O)	—	—	<b>5 cmH2O</b> -RC at 19/07/21 08:04	—	—
PEEP achieved (cmH2O)	—	—	<b>4.7 cm H2O</b> -RC at 19/07/21 08:04	—	—
Pressure Support (cm H2O)	—	—	<b>10 cm H2O</b> -RC at 19/07/21 08:04	—	—
PC Set	—	—	<b>10</b> -RC at 19/07/21 08:04	—	—
Tidal Volume achieved (ml)	—	—	<b>376 mL</b> -RC at 19/07/21 08:04	—	—
Minute Ventilation (L/min)	—	—	<b>6 L/min</b> -RC at 19/07/21 08:04	—	—
I:E Ratio	—	—	<b>1:2</b> -RC at 19/07/21 08:03	—	—
Ppeak (cm H2O)	—	—	<b>15 cm H2O</b> -RC at 19/07/21 08:03	—	—
Pmean MAP	—	—	<b>7.7 cm H2O</b>	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

(cmH20)			-RC at 19/07/21 08:04		
Trigger Sensitivity Flow (L/min)	—	—	1.41 L/min	—	—
Vt/10	—	—	37.6	—	—
			-RC at 19/07/21 08:04		
Source (from Blood Gas - read only)	—	Arterial 19/07/21 07:20	—	—	Arterial 19/07/21 06:20
FiO2 (from Blood Gas - read only)	—	25 19/07/21 07:20	—	—	25 19/07/21 06:20
pH (from Blood Gas - read only)	—	7.438 19/07/21 07:20	—	—	7.442 19/07/21 06:20
PCO2 (from Blood Gas - read only)	—	(!) 4.65 19/07/21 07:20	—	—	(!) 4.51 19/07/21 06:20
PO2 (from Blood Gas - read only)	—	(!) 14.4 19/07/21 07:20	—	—	(!) 14.9 19/07/21 06:20
HCO3- (from Blood Gas - read only)	—	24.2 19/07/21 07:20	—	—	24 19/07/21 06:20
Base Excess (from Blood Gas - read only)	—	-0.7 19/07/21 07:20	—	—	-1.1 19/07/21 06:20
Total Hb (from Blood Gas - read only)	—	131 19/07/21 07:20	—	—	138 19/07/21 06:20
SaO2 (from Blood Gas - read only)	—	98.1 19/07/21 07:20	—	—	97.6 19/07/21 06:20
Oxyhaemoglobin (from Blood Gas - read only)	—	96.6 19/07/21 07:20	—	—	96.1 19/07/21 06:20
Carboxyhaemoglobin (from Blood Gas - read only)	—	0.7 19/07/21 07:20	—	—	0.5 19/07/21 06:20
Deoxyhaemoglobin (from Blood Gas - read only)	—	1.9 19/07/21 07:20	—	—	2.4 19/07/21 06:20
Methaemoglobin (from Blood Gas - read only)	—	0.8 19/07/21 07:20	—	—	1 19/07/21 06:20
Haematocrit (from Blood Gas - read only)	—	40.1 19/07/21 07:20	—	—	42.1 19/07/21 06:20
Sodium (from Blood Gas - read only)	—	(!) 157 19/07/21 07:20	—	—	(!) 154 19/07/21 06:20
Potassium (from Blood Gas - read only)	—	3.9 19/07/21 07:20	—	—	(!) 3.3 19/07/21 06:20
Ionised Calcium (from Blood Gas - read only)	—	1.23 19/07/21 07:20	—	—	1.24 19/07/21 06:20
Chloride (from Blood Gas - read only)	—	(!) 127 19/07/21 07:20	—	—	(!) 127 19/07/21 06:20
Glucose (from Blood Gas - read only)	—	(!) 10 19/07/21 07:20	—	—	(!) 8.9 19/07/21 06:20
Lactate (from Blood Gas - read only)	—	0.7 19/07/21 07:20	—	—	0.9 19/07/21 06:20
Oxygen Content (from Blood Gas)	—	8 19/07/21 07:20	—	—	8.4 19/07/21 06:20

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

- read only)					
O2 Tension at 50% saturation (from Blood Gas - read only)	—	3.37 19/07/21 07:20	—	—	3.21 19/07/21 06:20
P/F Ratio (with PO2 in mmHg)	432.04 -Bl at 19/07/21 07:21	—	—	447.04 -Bl at 19/07/21 06:21	—
P/F Ratio (with PO2 in kPa)	57.6 -Bl at 19/07/21 07:21	—	—	59.6 -Bl at 19/07/21 06:21	—
<b>Row Name</b>	<b>19/07/21 06:00</b>	<b>19/07/21 05:00</b>	<b>19/07/21 04:00</b>	<b>19/07/21 03:05</b>	<b>19/07/21 03:03</b>
PO2 (from Blood Gas - read only)	—	—	—	—	(I) 17.3 19/07/21 03:03
SpO2	95 % -RC at 19/07/21 06:04	—	—	—	—
ETCO2 (kPa)	4.4 kPa -RC at 19/07/21 06:04	4 kPa -RC at 19/07/21 05:06	3.8 kPa -CC at 19/07/21 04:09	—	—
Vent Mode	Synchronised intermittent mandatory ventilation/pressure control -RC at 19/07/21 06:04	Synchronised intermittent mandatory ventilation/pressure control -RC at 19/07/21 05:06	Synchronised intermittent mandatory ventilation/pressure control -CC at 19/07/21 04:09	—	—
Resp Rate (Set)	16 -RC at 19/07/21 06:04	16 -RC at 19/07/21 05:06	16 -CC at 19/07/21 04:09	—	—
Resp Rate Observed	16 -RC at 19/07/21 06:04	16 -RC at 19/07/21 05:06	16 -CC at 19/07/21 04:09	—	—
PEEP/CPAP set (cmH2O)	5 cmH2O -RC at 19/07/21 06:04	5 cmH2O -RC at 19/07/21 05:06	5 cmH2O -CC at 19/07/21 04:09	—	—
PEEP achieved (cmH2O)	4.7 cm H2O -RC at 19/07/21 06:04	4.7 cm H2O -RC at 19/07/21 05:06	4.7 cm H2O -CC at 19/07/21 04:09	—	—
Pressure Support (cm H2O)	10 cm H2O -RC at 19/07/21 06:04	10 cm H2O -RC at 19/07/21 05:06	10 cm H2O -CC at 19/07/21 04:09	—	—
PC Set	10 -RC at 19/07/21 06:04	10 -RC at 19/07/21 05:06	10 -CC at 19/07/21 04:09	—	—
Tidal Volume achieved (ml)	375.6 mL -RC at 19/07/21 06:04	391.4 mL -RC at 19/07/21 05:06	391.8 mL -CC at 19/07/21 04:09	—	—
Minute Ventilation (L/min)	6 L/min -RC at 19/07/21 06:04	6.2 L/min -RC at 19/07/21 05:06	6.2 L/min -CC at 19/07/21 04:09	—	—
I:E Ratio	1:2 -RC at 19/07/21 06:04	1:2 -RC at 19/07/21 05:06	—	—	—
Ppeak (cm H2O)	15 cm H2O -RC at 19/07/21 06:04	15 cm H2O -RC at 19/07/21 05:06	15 cm H2O -CC at 19/07/21 04:09	—	—
Pmean MAP (cmH2O)	7.6 cm H2O -RC at 19/07/21 06:04	7.7 cm H2O -RC at 19/07/21 05:06	7.7 cm H2O -CC at 19/07/21 04:09	—	—
Trigger Sensitivity Flow (L/min)	1.41 L/min -RC at 19/07/21 06:04	1.41 L/min -RC at 19/07/21 05:06	1.61 L/min -CC at 19/07/21 04:09	—	—
Vt/10	37.6 -RC at 19/07/21 06:04	39.1 -RC at 19/07/21 05:06	39.2 -CC at 19/07/21 04:09	—	—
Source (from Blood Gas - read only)	—	—	—	—	Arterial 19/07/21 03:03
FiO2 (from Blood Gas - read only)	—	—	—	—	25 19/07/21 03:03
pH (from Blood Gas - read only)	—	—	—	—	7.418 19/07/21 03:03
PCO2 (from Blood Gas - read only)	—	—	—	—	(I) 4.45 19/07/21 03:03
PO2 (from Blood Gas - read only)	—	—	—	—	(I) 17.3 19/07/21 03:03
HCO3- (from Blood Gas - read only)	—	—	—	—	22.6 19/07/21 03:03

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Base Excess (from Blood Gas - read only)	—	—	—	—	-3 19/07/21 03:03
Total Hb (from Blood Gas - read only)	—	—	—	—	141 19/07/21 03:03
SaO2 (from Blood Gas - read only)	—	—	—	—	98.7 19/07/21 03:03
Oxyhaemoglobin (from Blood Gas - read only)	—	—	—	—	97.3 19/07/21 03:03
Carboxyhaemogl obin (from Blood Gas - read only)	—	—	—	—	0.7 19/07/21 03:03
Deoxyhaemoglo bin (from Blood Gas - read only)	—	—	—	—	1.3 19/07/21 03:03
Methaemoglobin (from Blood Gas - read only)	—	—	—	—	0.7 19/07/21 03:03
Haematocrit (from Blood Gas - read only)	—	—	—	—	43.1 19/07/21 03:03
Sodium (from Blood Gas - read only)	—	—	—	—	(!) 148 19/07/21 03:03
Potassium (from Blood Gas - read only)	—	—	—	—	4.2 19/07/21 03:03
Ionised Calcium (from Blood Gas - read only)	—	—	—	—	1.21 19/07/21 03:03
Chloride (from Blood Gas - read only)	—	—	—	—	(!) 119 19/07/21 03:03
Glucose (from Blood Gas - read only)	—	—	—	—	(!) 9.8 19/07/21 03:03
Lactate (from Blood Gas - read only)	—	—	—	—	1.2 19/07/21 03:03
Oxygen Content (from Blood Gas - read only)	—	—	—	—	8.7 19/07/21 03:03
O2 Tension at 50% saturation (from Blood Gas - read only)	—	—	—	—	3.43 19/07/21 03:03
P/F Ratio (with PO2 in mmHg)	—	—	—	519.04 -Bl at 19/07/21 03:05	—
P/F Ratio (with PO2 in kPa)	—	—	—	69.2 -Bl at 19/07/21 03:05	—
<b>Row Name</b>	<b>19/07/21 03:00</b>	<b>19/07/21 02:00</b>	<b>19/07/21 01:46</b>	<b>19/07/21 01:43</b>	<b>19/07/21 01:00</b>
PO2 (from Blood Gas - read only)	—	—	—	(!) 19.6 19/07/21 01:43	—
ETCO2 (kPa)	3.7 kPa -CC at 19/07/21 04:09	4 kPa -CC at 19/07/21 02:55	—	—	4.3 kPa -CC at 19/07/21 02:55
Vent Mode	Synchronised intermittent mandatory ventilation/pressure control -CC at 19/07/21 04:09	Synchronised intermittent mandatory ventilation/pressure control -CC at 19/07/21 02:55	—	—	Synchronised intermittent mandatory ventilation/pressure control -CC at 19/07/21 02:55
Resp Rate (Set)	16	16	—	—	16

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

	-CC at 19/07/21 04:09	-CC at 19/07/21 02:56			-CC at 19/07/21 02:56
Resp Rate	<b>16</b>	<b>16</b>	—	—	<b>16</b>
Observed	-CC at 19/07/21 04:09	-CC at 19/07/21 02:56			-CC at 19/07/21 02:56
PEEP/CPAP set (cmH2O)	<b>5 cmH2O</b>	<b>5 cmH2O</b>	—	—	<b>5 cmH2O</b>
	-CC at 19/07/21 04:09	-CC at 19/07/21 02:55			-CC at 19/07/21 02:55
PEEP achieved (cmH2O)	<b>4.7 cm H2O</b>	<b>4.7 cm H2O</b>	—	—	<b>4.6 cm H2O</b>
	-CC at 19/07/21 04:09	-CC at 19/07/21 02:55			-CC at 19/07/21 02:55
Pressure Support (cm H2O)	<b>10 cm H2O</b>	<b>10 cm H2O</b>	—	—	<b>8 cm H2O</b>
	-CC at 19/07/21 04:09	-CC at 19/07/21 02:55			-CC at 19/07/21 02:55
PC Set	<b>10</b>	<b>10</b>	—	—	<b>8</b>
	-CC at 19/07/21 04:09	-CC at 19/07/21 02:55			-CC at 19/07/21 02:55
Tidal Volume achieved (ml)	<b>391.2 mL</b>	<b>379.4 mL</b>	—	—	<b>308 mL</b>
	-CC at 19/07/21 04:09	-CC at 19/07/21 02:55			-CC at 19/07/21 02:55
Minute Ventilation (L/min)	<b>6.3 L/min</b>	<b>6 L/min</b>	—	—	<b>4.9 L/min</b>
	-CC at 19/07/21 04:09	-CC at 19/07/21 02:55			-CC at 19/07/21 02:55
Ppeak (cm H2O)	<b>15 cm H2O</b>	<b>15 cm H2O</b>	—	—	<b>15 cm H2O</b>
	-CC at 19/07/21 04:09	-CC at 19/07/21 02:56			-CC at 19/07/21 02:56
Pmean MAP (cmH2O)	<b>7.7 cm H2O</b>	<b>7.6 cm H2O</b>	—	—	<b>7.1 cm H2O</b>
	-CC at 19/07/21 04:09	-CC at 19/07/21 02:55			-CC at 19/07/21 02:55
Trigger Sensitivity Flow (L/min)	<b>1.61 L/min</b>	<b>1.61 L/min</b>	—	—	<b>1.61 L/min</b>
	-CC at 19/07/21 04:09	-CC at 19/07/21 02:55			-CC at 19/07/21 02:55
Vt/10	<b>39.1</b>	<b>37.9</b>	—	—	<b>30.8</b>
	-CC at 19/07/21 04:09	-CC at 19/07/21 02:55			-CC at 19/07/21 02:55
Source (from Blood Gas - read only)	—	—	—	<b>Arterial</b> 19/07/21 01:43	—
FiO2 (from Blood Gas - read only)	—	—	—	<b>30</b> 19/07/21 01:43	—
pH (from Blood Gas - read only)	—	—	—	<b>(I) 7.336</b> 19/07/21 01:43	—
PCO2 (from Blood Gas - read only)	—	—	—	<b>5.52</b> 19/07/21 01:43	—
PO2 (from Blood Gas - read only)	—	—	—	<b>(I) 19.6</b> 19/07/21 01:43	—
HCO3- (from Blood Gas - read only)	—	—	—	<b>21.4</b> 19/07/21 01:43	—
Base Excess (from Blood Gas - read only)	—	—	—	<b>-3.8</b> 19/07/21 01:43	—
Total Hb (from Blood Gas - read only)	—	—	—	<b>144</b> 19/07/21 01:43	—
SaO2 (from Blood Gas - read only)	—	—	—	<b>98.4</b> 19/07/21 01:43	—
Oxyhaemoglobin (from Blood Gas - read only)	—	—	—	<b>96.5</b> 19/07/21 01:43	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	—	—	<b>0.7</b> 19/07/21 01:43	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	—	—	<b>1.6</b> 19/07/21 01:43	—
Methaemoglobin (from Blood Gas - read only)	—	—	—	<b>1.2</b> 19/07/21 01:43	—
Haematocrit (from Blood Gas - read only)	—	—	—	<b>44.3</b> 19/07/21 01:43	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Sodium (from Blood Gas - read only)	—	—	—	144	—
				19/07/21 01:43	
Potassium (from Blood Gas - read only)	—	—	—	4.4	—
				19/07/21 01:43	
Ionised Calcium (from Blood Gas - read only)	—	—	—	1.18	—
				19/07/21 01:43	
Chloride (from Blood Gas - read only)	—	—	—	(!) 117	—
				19/07/21 01:43	
Glucose (from Blood Gas - read only)	—	—	—	(!) 9.9	—
				19/07/21 01:43	
Lactate (from Blood Gas - read only)	—	—	—	0.7	—
				19/07/21 01:43	
Oxygen Content (from Blood Gas - read only)	—	—	—	8.9	—
				19/07/21 01:43	
O2 Tension at 50% saturation (from Blood Gas - read only)	—	—	—	3.68	—
				19/07/21 01:43	
P/F Ratio (with PO2 in mmHg)	—	—	490.04	—	—
			-BI at 19/07/21 01:46		
P/F Ratio (with PO2 in kPa)	—	—	65.33	—	—
			-BI at 19/07/21 01:46		
f/VT	—	42.17 L	—	—	51.95 L
		-CC at 19/07/21 02:56			-CC at 19/07/21 02:56
<b>Row Name</b>	<b>19/07/21 00:00</b>	<b>18/07/21 23:40</b>	<b>18/07/21 23:38</b>	<b>18/07/21 23:00</b>	<b>18/07/21 22:00</b>
PO2 (from Blood Gas - read only)	—	—	(!) 19.4	—	—
			18/07/21 23:38		
ETCO2 (kPa)	3.9 kPa	—	—	3.4 kPa	4 kPa
	-RC at 19/07/21 00:43			-RC at 19/07/21 00:43	-RC at 19/07/21 00:43
Vent Mode	Synchronised intermittent mandatory ventilation/pressure control	—	—	Synchronised intermittent mandatory ventilation/pressure control	Synchronised intermittent mandatory ventilation/pressure control
	-RC at 19/07/21 00:43			-RC at 19/07/21 00:43	-RC at 19/07/21 00:43
Resp Rate (Set)	16	—	—	16	16
	-RC at 19/07/21 00:43			-RC at 19/07/21 00:43	-RC at 19/07/21 00:43
Resp Rate Observed	16	—	—	16	16
	-RC at 19/07/21 00:43			-RC at 19/07/21 00:43	-RC at 19/07/21 00:43
PEEP/CPAP set (cmH2O)	5 cmH2O	—	—	5 cmH2O	5 cmH2O
	-RC at 19/07/21 00:43			-RC at 19/07/21 00:43	-RC at 19/07/21 00:43
PEEP achieved (cmH2O)	4.5 cm H2O	—	—	4.7 cm H2O	4.6 cm H2O
	-RC at 19/07/21 00:43			-RC at 19/07/21 00:43	-RC at 19/07/21 00:43
Pressure Support (cm H2O)	8 cm H2O	—	—	8 cm H2O	8 cm H2O
	-RC at 19/07/21 00:43			-RC at 19/07/21 00:43	-RC at 19/07/21 00:43
PC Set	8	—	—	10	10
	-RC at 19/07/21 00:43			-RC at 19/07/21 00:43	-RC at 19/07/21 00:43
Tidal Volume achieved (ml)	315.8 mL	—	—	399.4 mL	400 mL
	-RC at 19/07/21 00:43			-RC at 19/07/21 00:43	-RC at 19/07/21 00:43
Minute Ventilation (L/min)	5 L/min	—	—	6.4 L/min	6.4 L/min
	-RC at 19/07/21 00:43			-RC at 19/07/21 00:43	-RC at 19/07/21 00:43
I:E Ratio	1:2	—	—	1:2	1:2
	-RC at 19/07/21 00:43			-RC at 19/07/21 00:43	-RC at 19/07/21 00:43
Ppeak (cm H2O)	13 cm H2O	—	—	13 cm H2O	13 cm H2O
	-RC at 19/07/21 00:43			-RC at 19/07/21 00:43	-RC at 19/07/21 00:43
Pmean MAP (cmH2O)	7.1 cm H2O	—	—	7.6 cm H2O	7.6 cm H2O
	-RC at 19/07/21 00:43			-RC at 19/07/21 00:43	-RC at 19/07/21 00:43

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Trigger Sensitivity Flow (L/min)	1.61 L/min -RC at 19/07/21 00:43	—	—	1.61 L/min -RC at 19/07/21 00:43	1.61 L/min -RC at 19/07/21 00:43
Vt/10	31.6 -RC at 19/07/21 00:43	—	—	39.9 -RC at 19/07/21 00:43	40 -RC at 19/07/21 00:43
Source (from Blood Gas - read only)	—	—	Arterial 18/07/21 23:38	—	—
FiO2 (from Blood Gas - read only)	—	—	35 18/07/21 23:38	—	—
pH (from Blood Gas - read only)	—	—	7.426 18/07/21 23:38	—	—
PCO2 (from Blood Gas - read only)	—	—	(!) 4.25 18/07/21 23:38	—	—
PO2 (from Blood Gas - read only)	—	—	(!) 19.4 18/07/21 23:38	—	—
HCO3- (from Blood Gas - read only)	—	—	22.3 18/07/21 23:38	—	—
Base Excess (from Blood Gas - read only)	—	—	-3.5 18/07/21 23:38	—	—
Total Hb (from Blood Gas - read only)	—	—	147 18/07/21 23:38	—	—
SaO2 (from Blood Gas - read only)	—	—	98.5 18/07/21 23:38	—	—
Oxyhaemoglobin (from Blood Gas - read only)	—	—	96.7 18/07/21 23:38	—	—
Carboxyhaemoglobin (from Blood Gas - read only)	—	—	0.7 18/07/21 23:38	—	—
Deoxyhaemoglobin (from Blood Gas - read only)	—	—	1.5 18/07/21 23:38	—	—
Methaemoglobin (from Blood Gas - read only)	—	—	1.1 18/07/21 23:38	—	—
Haematocrit (from Blood Gas - read only)	—	—	45 18/07/21 23:38	—	—
Sodium (from Blood Gas - read only)	—	—	139 18/07/21 23:38	—	—
Potassium (from Blood Gas - read only)	—	—	3.9 18/07/21 23:38	—	—
Ionised Calcium (from Blood Gas - read only)	—	—	1.12 18/07/21 23:38	—	—
Chloride (from Blood Gas - read only)	—	—	(!) 112 18/07/21 23:38	—	—
Glucose (from Blood Gas - read only)	—	—	(!) 9.4 18/07/21 23:38	—	—
Lactate (from Blood Gas - read only)	—	—	0.8 18/07/21 23:38	—	—
Oxygen Content (from Blood Gas - read only)	—	—	9 18/07/21 23:38	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

O2 Tension at 50% saturation (from Blood Gas - read only)	—	—	3.3 18/07/21 23:38	—	—
P/F Ratio (with PO2 in mmHg)	—	415.75 -Bl at 18/07/21 23:40	—	—	—
P/F Ratio (with PO2 in kPa)	—	55.43 -Bl at 18/07/21 23:40	—	—	—
<b>Row Name</b>	<b>18/07/21 21:22</b>	<b>18/07/21 21:20</b>	<b>18/07/21 21:15</b>	<b>18/07/21 21:00</b>	<b>18/07/21 20:00</b>
PO2 (from Blood Gas - read only)	(!) 7.48 18/07/21 21:22	—	(!) 18.8 18/07/21 21:15	—	—
Vent Mode	—	—	—	—	Synchronised intermittent mandatory ventilation/pressure control -RC at 19/07/21 00:43
Resp Rate Observed	—	—	—	16 -RC at 19/07/21 00:43	—
Source (from Blood Gas - read only)	Venous 18/07/21 21:22	—	Arterial 18/07/21 21:15	—	—
FiO2 (from Blood Gas - read only)	60 18/07/21 21:22	—	21 18/07/21 21:15	—	—
pH (from Blood Gas - read only)	7.359 18/07/21 21:22	—	7.385 18/07/21 21:15	—	—
PCO2 (from Blood Gas - read only)	5.45 18/07/21 21:22	—	4.97 18/07/21 21:15	—	—
PO2 (from Blood Gas - read only)	(!) 7.48 18/07/21 21:22	—	(!) 18.8 18/07/21 21:15	—	—
HCO3- (from Blood Gas - read only)	22.3 18/07/21 21:22	—	22.4 18/07/21 21:15	—	—
Base Excess (from Blood Gas - read only)	-2.5 18/07/21 21:22	—	-2.8 18/07/21 21:15	—	—
Total Hb (from Blood Gas - read only)	129 18/07/21 21:22	—	128 18/07/21 21:15	—	—
SaO2 (from Blood Gas - read only)	88.8 18/07/21 21:22	—	98.7 18/07/21 21:15	—	—
Oxyhaemoglobin (from Blood Gas - read only)	(!) 87.6 18/07/21 21:22	—	97.4 18/07/21 21:15	—	—
Carboxyhaemoglobin (from Blood Gas - read only)	0.7 18/07/21 21:22	—	(!) 0.3 18/07/21 21:15	—	—
Deoxyhaemoglobin (from Blood Gas - read only)	(!) 11.1 18/07/21 21:22	—	1.3 18/07/21 21:15	—	—
Methaemoglobin (from Blood Gas - read only)	0.6 18/07/21 21:22	—	1 18/07/21 21:15	—	—
Haematocrit (from Blood Gas - read only)	39.6 18/07/21 21:22	—	39.3 18/07/21 21:15	—	—
Sodium (from Blood Gas - read only)	(!) 129 18/07/21 21:22	—	(!) 129 18/07/21 21:15	—	—
Potassium (from Blood Gas - read only)	3.7 18/07/21 21:22	—	3.5 18/07/21 21:15	—	—
Ionised Calcium	1.14	—	(!) 1.1	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

(from Blood Gas - read only)	18/07/21 21:22		18/07/21 21:15		
Chloride (from Blood Gas - read only)	<b>(!) 97</b> 18/07/21 21:22	—	<b>98</b> 18/07/21 21:15	—	—
Glucose (from Blood Gas - read only)	<b>(!) 8.4</b> 18/07/21 21:22	—	<b>(!) 8.4</b> 18/07/21 21:15	—	—
Lactate (from Blood Gas - read only)	<b>0.8</b> 18/07/21 21:22	—	<b>0.7</b> 18/07/21 21:15	—	—
Oxygen Content (from Blood Gas - read only)	<b>7.1</b> 18/07/21 21:22	—	<b>8</b> 18/07/21 21:15	—	—
O2 Tension at 50% saturation (from Blood Gas - read only)	<b>3.56</b> 18/07/21 21:22	—	<b>3.57</b> 18/07/21 21:15	—	—
P/F Ratio (with PO2 in mmHg)	—	<b>671.48</b> -Bl at 18/07/21 21:20	—	—	—
P/F Ratio (with PO2 in kPa)	—	<b>89.52</b> -Bl at 18/07/21 21:20	—	—	—
f/VT	—	—	—	<b>49.84 L</b> -RC at 19/07/21 00:43	—
<b>Row Name</b>	<b>18/07/21 19:50</b>	<b>18/07/21 19:45:01</b>	<b>18/07/21 19:45</b>	<b>18/07/21 18:30</b>	<b>18/07/21 18:28</b>
PO2 (from Blood Gas - read only)	—	<b>(!) 21.5</b> 18/07/21 19:45	<b>(!) 21.4</b> 18/07/21 19:45	—	<b>(!) 20.8</b> 18/07/21 18:28
Source (from Blood Gas - read only)	—	<b>Arterial</b> 18/07/21 19:45	<b>Arterial</b> 18/07/21 19:45	—	<b>Arterial</b> 18/07/21 18:28
FiO2 (from Blood Gas - read only)	—	<b>21</b> 18/07/21 19:45	<b>35</b> 18/07/21 19:45	—	<b>60</b> 18/07/21 18:28
pH (from Blood Gas - read only)	—	<b>(!) 7.531</b> 18/07/21 19:45	<b>(!) 7.536</b> 18/07/21 19:45	—	<b>(!) 7.53</b> 18/07/21 18:28
PCO2 (from Blood Gas - read only)	—	<b>(!) 3.04</b> 18/07/21 19:45	<b>(!) 3.05</b> 18/07/21 19:45	—	<b>(!) 3.15</b> 18/07/21 18:28
PO2 (from Blood Gas - read only)	—	<b>(!) 21.5</b> 18/07/21 19:45	<b>(!) 21.4</b> 18/07/21 19:45	—	<b>(!) 20.8</b> 18/07/21 18:28
HCO3- (from Blood Gas - read only)	—	<b>22.6</b> 18/07/21 19:45	<b>22.9</b> 18/07/21 19:45	—	<b>23.1</b> 18/07/21 18:28
Base Excess (from Blood Gas - read only)	—	<b>-3.6</b> 18/07/21 19:45	<b>-3.3</b> 18/07/21 19:45	—	<b>-3</b> 18/07/21 18:28
Total Hb (from Blood Gas - read only)	—	<b>(!) 112</b> 18/07/21 19:45	<b>116</b> 18/07/21 19:45	—	<b>119</b> 18/07/21 18:28
SaO2 (from Blood Gas - read only)	—	<b>(!) 99.2</b> 18/07/21 19:45	<b>98.9</b> 18/07/21 19:45	—	<b>99</b> 18/07/21 18:28
Oxyhaemoglobin (from Blood Gas - read only)	—	<b>98.6</b> 18/07/21 19:45	<b>97.5</b> 18/07/21 19:45	—	<b>97.6</b> 18/07/21 18:28
Carboxyhaemoglobin (from Blood Gas - read only)	—	<b>(!) 0</b> 18/07/21 19:45	<b>(!) 0.3</b> 18/07/21 19:45	—	<b>(!) 0.3</b> 18/07/21 18:28
Deoxyhaemoglobin (from Blood Gas - read only)	—	<b>(!) 0.8</b> 18/07/21 19:45	<b>1.1</b> 18/07/21 19:45	—	<b>1</b> 18/07/21 18:28
Methaemoglobin (from Blood Gas - read only)	—	<b>0.8</b> 18/07/21 19:45	<b>1.1</b> 18/07/21 19:45	—	<b>1.1</b> 18/07/21 18:28
Haematocrit (from Blood Gas)	—	<b>34.4</b> 18/07/21 19:45	<b>35.5</b> 18/07/21 19:45	—	<b>36.5</b> 18/07/21 18:28

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

- read only)					
Sodium (from Blood Gas - read only)	—	<b>(!) 121</b> 18/07/21 19:45	<b>(!) 120</b> 18/07/21 19:45	—	<b>(!) 121</b> 18/07/21 18:28
Potassium (from Blood Gas - read only)	—	<b>(!) 3.4</b> 18/07/21 19:45	<b>(!) 3.3</b> 18/07/21 19:45	—	<b>(!) 3.3</b> 18/07/21 18:28
Ionised Calcium (from Blood Gas - read only)	—	<b>(!) 1.04</b> 18/07/21 19:45	<b>(!) 1.03</b> 18/07/21 19:45	—	<b>(!) 1.03</b> 18/07/21 18:28
Chloride (from Blood Gas - read only)	—	<b>(!) 96</b> 18/07/21 19:45	<b>(!) 96</b> 18/07/21 19:45	—	<b>(!) 94</b> 18/07/21 18:28
Glucose (from Blood Gas - read only)	—	<b>(!) 9</b> 18/07/21 19:45	<b>(!) 9.2</b> 18/07/21 19:45	—	<b>(!) 10.2</b> 18/07/21 18:28
Lactate (from Blood Gas - read only)	—	1.5 18/07/21 19:45	1.3 18/07/21 19:45	—	1.8 18/07/21 18:28
Oxygen Content (from Blood Gas - read only)	—	7.1 18/07/21 19:45	7.2 18/07/21 19:45	—	7.4 18/07/21 18:28
O2 Tension at 50% saturation (from Blood Gas - read only)	—	2.98 18/07/21 19:45	2.9 18/07/21 19:45	—	2.91 18/07/21 18:28
P/F Ratio (with PO2 in mmHg)	767.92 -Bl at 18/07/21 19:50	—	—	260.02 -Bl at 18/07/21 18:30	—
P/F Ratio (with PO2 in kPa)	102.38 -Bl at 18/07/21 19:50	—	—	34.67 -Bl at 18/07/21 18:30	—
<b>Row Name</b>	<b>18/07/21 18:24</b>	<b>18/07/21 15:55</b>	<b>18/07/21 15:51</b>	<b>18/07/21 13:53</b>	<b>18/07/21 02:03</b>
PO2 (from Blood Gas - read only)	<b>(!) 29.9</b> 18/07/21 18:24	—	<b>(!) 63.5</b> 18/07/21 15:51	<b>(!) 9.84</b> 18/07/21 13:53	<b>(!) 5.68</b> 18/07/21 02:03
Source (from Blood Gas - read only)	Arterial 18/07/21 18:24	—	Arterial 18/07/21 15:51	Venous 18/07/21 13:53	Venous 18/07/21 02:03
FiO2 (from Blood Gas - read only)	60 18/07/21 18:24	—	21 18/07/21 15:51	—	21 18/07/21 02:03
pH (from Blood Gas - read only)	<b>(!) 7.517</b> 18/07/21 18:24	—	<b>(!) 7.264</b> 18/07/21 15:51	7.408 18/07/21 13:53	7.435 18/07/21 02:03
PCO2 (from Blood Gas - read only)	<b>(!) 3.29</b> 18/07/21 18:24	—	5.96 18/07/21 15:51	<b>(!) 4.09</b> 18/07/21 13:53	<b>(!) 4.32</b> 18/07/21 02:03
PO2 (from Blood Gas - read only)	<b>(!) 29.9</b> 18/07/21 18:24	—	<b>(!) 63.5</b> 18/07/21 15:51	<b>(!) 9.84</b> 18/07/21 13:53	<b>(!) 5.68</b> 18/07/21 02:03
HCO3- (from Blood Gas - read only)	23.1 18/07/21 18:24	—	19.1 18/07/21 15:51	20.7 18/07/21 13:53	22.6 18/07/21 02:03
Base Excess (from Blood Gas - read only)	-2.9 18/07/21 18:24	—	-6.7 18/07/21 15:51	-5.4 18/07/21 13:53	-2.5 18/07/21 02:03
Total Hb (from Blood Gas - read only)	117 18/07/21 18:24	—	137 18/07/21 15:51	<b>(!) 112</b> 18/07/21 13:53	128 18/07/21 02:03
SaO2 (from Blood Gas - read only)	<b>(!) 99.4</b> 18/07/21 18:24	—	<b>(!) 99.7</b> 18/07/21 15:51	<b>(!) 99.1</b> 18/07/21 13:53	80.7 18/07/21 02:03
Oxyhaemoglobin (from Blood Gas - read only)	98.3 18/07/21 18:24	—	98.9 18/07/21 15:51	98.3 18/07/21 13:53	<b>(!) 79.5</b> 18/07/21 02:03
Carboxyhaemoglobin (from Blood Gas - read only)	<b>(!) 0.2</b> 18/07/21 18:24	—	<b>(!) 0</b> 18/07/21 15:51	<b>(!) 0.3</b> 18/07/21 13:53	0.5 18/07/21 02:03
Deoxyhaemoglobin	<b>(!) 0.6</b> 18/07/21 18:24	—	<b>(!) 0.3</b> 18/07/21 15:51	<b>(!) 0.9</b> 18/07/21 13:53	<b>(!) 19</b> 18/07/21 02:03

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

bin (from Blood Gas - read only)					
Methaemoglobin (from Blood Gas - read only)	0.9 18/07/21 18:24	—	0.8 18/07/21 15:51	0.5 18/07/21 13:53	1 18/07/21 02:03
Haematocrit (from Blood Gas - read only)	35.8 18/07/21 18:24	—	42.1 18/07/21 15:51	34.2 18/07/21 13:53	39.3 18/07/21 02:03
Sodium (from Blood Gas - read only)	(!) 121 18/07/21 18:24	—	(!) 123 18/07/21 15:51	—	(!) 129 18/07/21 02:03
Potassium (from Blood Gas - read only)	(!) 3.3 18/07/21 18:24	—	(!) 3.1 18/07/21 15:51	(!) 3.2 18/07/21 13:53	3.7 18/07/21 02:03
Ionised Calcium (from Blood Gas - read only)	(!) 1.06 18/07/21 18:24	—	1.15 18/07/21 15:51	(!) 1.08 18/07/21 13:53	(!) 1.11 18/07/21 02:03
Chloride (from Blood Gas - read only)	(!) 92 18/07/21 18:24	—	(!) 93 18/07/21 15:51	(!) 93 18/07/21 13:53	(!) 97 18/07/21 02:03
Glucose (from Blood Gas - read only)	(!) 9.5 18/07/21 18:24	—	(!) 11.8 18/07/21 15:51	(!) 7.5 18/07/21 13:53	(!) 6.6 18/07/21 02:03
Lactate (from Blood Gas - read only)	—	—	(!) 2.7 18/07/21 15:51	—	(!) 2.3 18/07/21 02:03
Oxygen Content (from Blood Gas - read only)	7.4 18/07/21 18:24	—	9.1 18/07/21 15:51	6.9 18/07/21 13:53	6.4 18/07/21 02:03
O2 Tension at 50% saturation (from Blood Gas - read only)	3.07 18/07/21 18:24	—	4.08 18/07/21 15:51	3.47 18/07/21 13:53	3.36 18/07/21 02:03
P/F Ratio (with PO2 in mmHg)	—	2268.04 -Bl at 18/07/21 15:55	—	—	—
P/F Ratio (with PO2 in kPa)	—	302.38 -Bl at 18/07/21 15:55	—	—	—
<b>Row Name</b>	<b>18/07/21 00:33:05</b>	<b>18/07/21 00:33:04</b>	<b>18/07/21 00:33:03</b>	<b>18/07/21 00:33:02</b>	<b>18/07/21 00:33:01</b>
PO2 (from Blood Gas - read only)	10.9 18/07/21 00:33	10.9 18/07/21 00:33	10.9 18/07/21 00:33	10.9 18/07/21 00:33	10.9 18/07/21 00:33
Source (from Blood Gas - read only)	Venous 18/07/21 00:33	Venous 18/07/21 00:33	Venous 18/07/21 00:33	Venous 18/07/21 00:33	Venous 18/07/21 00:33
FiO2 (from Blood Gas - read only)	21 18/07/21 00:33	21 18/07/21 00:33	21 18/07/21 00:33	21 18/07/21 00:33	21 18/07/21 00:33
pH (from Blood Gas - read only)	(!) 7.514 18/07/21 00:33	(!) 7.514 18/07/21 00:33	(!) 7.514 18/07/21 00:33	(!) 7.514 18/07/21 00:33	(!) 7.514 18/07/21 00:33
PCO2 (from Blood Gas - read only)	(!) 3.33 18/07/21 00:33	(!) 3.33 18/07/21 00:33	(!) 3.33 18/07/21 00:33	(!) 3.33 18/07/21 00:33	(!) 3.33 18/07/21 00:33
PO2 (from Blood Gas - read only)	10.9 18/07/21 00:33	10.9 18/07/21 00:33	10.9 18/07/21 00:33	10.9 18/07/21 00:33	10.9 18/07/21 00:33
HCO3- (from Blood Gas - read only)	23.2 18/07/21 00:33	23.2 18/07/21 00:33	23.2 18/07/21 00:33	23.2 18/07/21 00:33	23.2 18/07/21 00:33
Base Excess (from Blood Gas - read only)	-2.9 18/07/21 00:33	-2.9 18/07/21 00:33	-2.9 18/07/21 00:33	-2.9 18/07/21 00:33	-2.9 18/07/21 00:33
Total Hb (from Blood Gas - read only)	133 18/07/21 00:33	133 18/07/21 00:33	133 18/07/21 00:33	133 18/07/21 00:33	133 18/07/21 00:33
SaO2 (from Blood Gas - read only)	96 18/07/21 00:33	96 18/07/21 00:33	96 18/07/21 00:33	96 18/07/21 00:33	96 18/07/21 00:33

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Oxyhaemoglobin (from Blood Gas - read only)	<b>(!) 94.7</b> 18/07/21 00:33	<b>(!) 94.7</b> 18/07/21 00:33	<b>(!) 94.7</b> 18/07/21 00:33	<b>(!) 94.7</b> 18/07/21 00:33	<b>(!) 94.7</b> 18/07/21 00:33
Carboxyhaemoglobin (from Blood Gas - read only)	<b>(!) 0.3</b> 18/07/21 00:33	<b>(!) 0.3</b> 18/07/21 00:33	<b>(!) 0.3</b> 18/07/21 00:33	<b>(!) 0.3</b> 18/07/21 00:33	<b>(!) 0.3</b> 18/07/21 00:33
Deoxyhaemoglobin (from Blood Gas - read only)	<b>3.9</b> 18/07/21 00:33	<b>3.9</b> 18/07/21 00:33	<b>3.9</b> 18/07/21 00:33	<b>3.9</b> 18/07/21 00:33	<b>3.9</b> 18/07/21 00:33
Methaemoglobin (from Blood Gas - read only)	<b>1.1</b> 18/07/21 00:33	<b>1.1</b> 18/07/21 00:33	<b>1.1</b> 18/07/21 00:33	<b>1.1</b> 18/07/21 00:33	<b>1.1</b> 18/07/21 00:33
Haematocrit (from Blood Gas - read only)	<b>40.8</b> 18/07/21 00:33	<b>40.8</b> 18/07/21 00:33	<b>40.8</b> 18/07/21 00:33	<b>40.8</b> 18/07/21 00:33	<b>40.8</b> 18/07/21 00:33
Sodium (from Blood Gas - read only)	<b>(!) 129</b> 18/07/21 00:33	<b>(!) 129</b> 18/07/21 00:33	<b>(!) 129</b> 18/07/21 00:33	<b>(!) 129</b> 18/07/21 00:33	<b>(!) 129</b> 18/07/21 00:33
Potassium (from Blood Gas - read only)	<b>(!) 3.4</b> 18/07/21 00:33	<b>(!) 3.4</b> 18/07/21 00:33	<b>(!) 3.4</b> 18/07/21 00:33	<b>(!) 3.4</b> 18/07/21 00:33	<b>(!) 3.4</b> 18/07/21 00:33
Ionised Calcium (from Blood Gas - read only)	<b>(!) 1.1</b> 18/07/21 00:33	<b>(!) 1.1</b> 18/07/21 00:33	<b>(!) 1.1</b> 18/07/21 00:33	<b>(!) 1.1</b> 18/07/21 00:33	<b>(!) 1.1</b> 18/07/21 00:33
Chloride (from Blood Gas - read only)	<b>(!) 97</b> 18/07/21 00:33	<b>(!) 97</b> 18/07/21 00:33	<b>(!) 97</b> 18/07/21 00:33	<b>(!) 97</b> 18/07/21 00:33	<b>(!) 97</b> 18/07/21 00:33
Glucose (from Blood Gas - read only)	<b>(!) 6.3</b> 18/07/21 00:33	<b>(!) 6.3</b> 18/07/21 00:33	<b>(!) 6.3</b> 18/07/21 00:33	<b>(!) 6.3</b> 18/07/21 00:33	<b>(!) 6.3</b> 18/07/21 00:33
Lactate (from Blood Gas - read only)	<b>(!) 2.7</b> 18/07/21 00:33	<b>(!) 2.7</b> 18/07/21 00:33	<b>(!) 2.7</b> 18/07/21 00:33	<b>(!) 2.7</b> 18/07/21 00:33	<b>(!) 2.7</b> 18/07/21 00:33
Oxygen Content (from Blood Gas - read only)	<b>7.9</b> 18/07/21 00:33	<b>7.9</b> 18/07/21 00:33	<b>7.9</b> 18/07/21 00:33	<b>7.9</b> 18/07/21 00:33	<b>7.9</b> 18/07/21 00:33
O2 Tension at 50% saturation (from Blood Gas - read only)	<b>3.5</b> 18/07/21 00:33	<b>3.5</b> 18/07/21 00:33	<b>3.5</b> 18/07/21 00:33	<b>3.5</b> 18/07/21 00:33	<b>3.5</b> 18/07/21 00:33
<b>Row Name</b>	<b>18/07/21 00:33</b>				
PO2 (from Blood Gas - read only)	<b>10.9</b> 18/07/21 00:33				
Source (from Blood Gas - read only)	<b>Venous</b> 18/07/21 00:33				
FiO2 (from Blood Gas - read only)	<b>21</b> 18/07/21 00:33				
pH (from Blood Gas - read only)	<b>(!) 7.514</b> 18/07/21 00:33				
PCO2 (from Blood Gas - read only)	<b>(!) 3.33</b> 18/07/21 00:33				
PO2 (from Blood Gas - read only)	<b>10.9</b> 18/07/21 00:33				
HCO3- (from Blood Gas - read only)	<b>23.2</b> 18/07/21 00:33				
Base Excess (from Blood Gas - read only)	<b>-2.9</b> 18/07/21 00:33				
Total Hb (from Blood Gas - read only)	<b>133</b> 18/07/21 00:33				

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

SaO2 (from Blood Gas - read only)	96 18/07/21 00:33
Oxyhaemoglobin (from Blood Gas - read only)	<b>(!) 94.7</b> 18/07/21 00:33
Carboxyhaemoglobin (from Blood Gas - read only)	<b>(!) 0.3</b> 18/07/21 00:33
Deoxyhaemoglobin (from Blood Gas - read only)	3.9 18/07/21 00:33
Methaemoglobin (from Blood Gas - read only)	1.1 18/07/21 00:33
Haematocrit (from Blood Gas - read only)	40.8 18/07/21 00:33
Sodium (from Blood Gas - read only)	<b>(!) 129</b> 18/07/21 00:33
Potassium (from Blood Gas - read only)	<b>(!) 3.4</b> 18/07/21 00:33
Ionised Calcium (from Blood Gas - read only)	<b>(!) 1.1</b> 18/07/21 00:33
Chloride (from Blood Gas - read only)	<b>(!) 97</b> 18/07/21 00:33
Glucose (from Blood Gas - read only)	<b>(!) 6.3</b> 18/07/21 00:33
Lactate (from Blood Gas - read only)	<b>(!) 2.7</b> 18/07/21 00:33
Oxygen Content (from Blood Gas - read only)	7.9 18/07/21 00:33
O2 Tension at 50% saturation (from Blood Gas - read only)	3.5 18/07/21 00:33

**Vital Signs**

Row Name	20/07/21 15:00	20/07/21 13:00	20/07/21 10:00	20/07/21 09:00	18/07/21 19:00
Resp	18 -CM at 20/07/21 15:11	18 -CM at 20/07/21 13:13	18 -CM at 20/07/21 10:03	18 -CM at 20/07/21 10:03	—
SpO2	98 % -CM at 20/07/21 15:11	—	97 % -CM at 20/07/21 10:03	—	—
O2 delivery device	Endotracheal tube -CM at 20/07/21 15:11	Endotracheal tube -CM at 20/07/21 13:13	Endotracheal tube -CM at 20/07/21 10:03	—	—
FiO2 (%)	21 % -CM at 20/07/21 15:11	21 % -CM at 20/07/21 13:13	25 % -CM at 20/07/21 10:03	—	—
Vent Mode	Synchronised intermittent mandatory ventilation/pressure control -CM at 20/07/21 15:11	Synchronised intermittent mandatory ventilation/pressure control -CM at 20/07/21 13:13	Synchronised intermittent mandatory ventilation/pressure control -CM at 20/07/21 10:03	—	—
PEEP achieved (cmH2O)	5 cm H2O -CM at 20/07/21 15:11	—	5 cm H2O -CM at 20/07/21 10:03	—	—
Pulse	101 -CM at 20/07/21 15:11	—	88 -CM at 20/07/21 10:03	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Pulse source	Monitor -CM at 20/07/21 15:11	Monitor -CM at 20/07/21 13:13	Monitor -CM at 20/07/21 10:03	—	—
Level of consciousness	<b>(!) Unresponsive</b> -CM at 20/07/21 15:11	—	—	—	—
Temp	36.6 °C (97.9 °F) -CM at 20/07/21 15:11	36.9 °C (98.4 °F) -CM at 20/07/21 13:13	—	—	—
Temp src	Tympanic -CM at 20/07/21 15:11	Tympanic -CM at 20/07/21 13:13	—	—	—
Eye Opening	—	None/Not able to obtain (eg eyes closed by swelling) -CM at 20/07/21 13:13	—	—	—
Best Verbal Response	—	None/Not able to obtain (eg ET or tracheostomy tube) -CM at 20/07/21 13:13	—	—	—
Best Motor Response	—	None -CM at 20/07/21 13:13	—	—	—
Glasgow Coma Scale Score	—	3 -CM at 20/07/21 13:13	—	—	—
Are pupils equal and reactive?	—	No -CM at 20/07/21 13:13	—	—	—
R Pupil Size (mm)	—	7 -CM at 20/07/21 13:13	—	—	—
R Pupil Reaction	—	Nonreactive -CM at 20/07/21 13:13	—	—	—
L Pupil Size (mm)	—	7 -CM at 20/07/21 13:13	—	—	—
L Pupil Reaction	—	Nonreactive -CM at 20/07/21 13:13	—	—	—
Weight	—	—	—	—	55 kg -LG at 18/07/21 19:12
Weight Method	—	—	—	—	Estimated -LG at 18/07/21 19:12
<b>Row Name</b>	<b>18/07/21 12:28</b>	<b>18/07/21 09:00</b>	<b>18/07/21 07:03</b>	<b>18/07/21 04:56</b>	<b>18/07/21 03:28</b>
Resp	21 -MM at 18/07/21 12:30	23 -RCA at 18/07/21 09:32	18 -OA at 18/07/21 07:05	18 -OA at 18/07/21 04:58	19 -AD at 18/07/21 03:30
SpO2	98 % -MM at 18/07/21 12:30	100 % -RCA at 18/07/21 09:32	99 % -OA at 18/07/21 07:05	100 % -OA at 18/07/21 04:58	100 % -AD at 18/07/21 03:30
Room Air or Oxygen	Room air -MM at 18/07/21 12:30	Room air -RCA at 18/07/21 09:32	Room air -OA at 18/07/21 07:05	Room air -OA at 18/07/21 04:58	Room air -AD at 18/07/21 03:30
BP	107/66 -MM at 18/07/21 12:30	122/70 -RCA at 18/07/21 09:32	100/67 -OA at 18/07/21 07:05	112/77 -OA at 18/07/21 04:58	137/68 -AD at 18/07/21 03:34
Blood pressure location	Left arm -MM at 18/07/21 12:30	Left arm -RCA at 18/07/21 09:32	Left arm -OA at 18/07/21 07:05	Right arm -OA at 18/07/21 04:58	Right arm -AD at 18/07/21 03:34
Blood pressure method	Automatic -MM at 18/07/21 12:30	Automatic -RCA at 18/07/21 09:32	Automatic -OA at 18/07/21 07:05	Automatic -OA at 18/07/21 04:58	Automatic -AD at 18/07/21 03:34
Blood pressure patient position	Lying on back -MM at 18/07/21 12:30	Lying on back -RCA at 18/07/21 09:32	Lying right side -OA at 18/07/21 07:05	Lying on back -OA at 18/07/21 04:58	Lying on back -AD at 18/07/21 03:34
Pulse	74 -MM at 18/07/21 12:30	70 -RCA at 18/07/21 09:32	87 -OA at 18/07/21 07:05	102 -OA at 18/07/21 04:58	103 -AD at 18/07/21 03:34
Pulse source	Sats probe -MM at 18/07/21 12:30	Sats probe -RCA at 18/07/21 09:32	Sats probe -OA at 18/07/21 07:05	Sats probe -OA at 18/07/21 04:58	Sats probe -AD at 18/07/21 03:34
Level of consciousness	Alert -MM at 18/07/21 12:30	Alert -RCA at 18/07/21 09:32	Alert -OA at 18/07/21 07:05	Alert -OA at 18/07/21 04:58	Alert -AD at 18/07/21 03:34
Temp	36.6 °C (97.9 °F) -MM at 18/07/21 12:30	37.8 °C (100 °F) -RCA at 18/07/21 09:32	36.8 °C (98.2 °F) -OA at 18/07/21 07:05	37.5 °C (99.5 °F) -OA at 18/07/21 04:58	36.8 °C (98.2 °F) -AD at 18/07/21 03:34
Temp src	Tympanic -MM at 18/07/21 12:30	Tympanic -RCA at 18/07/21 09:32	Tympanic -OA at 18/07/21 07:05	Tympanic -OA at 18/07/21 04:58	Tympanic -AD at 18/07/21 03:34
NEWS score (SpO2 scale 1)	3 -MM at 18/07/21 12:30	2 -RCA at 18/07/21 09:32	2 -OA at 18/07/21 07:05	1 -OA at 18/07/21 04:58	1 -AD at 18/07/21 03:34
Pain Scale	—	Verbal Pain Scale (0-4) -MM at 18/07/21 10:13	None/denies pain -OA at 18/07/21 07:05	None/denies pain -OA at 18/07/21 04:58	None/denies pain -AD at 18/07/21 03:34
Verbal pain scale at rest	—	Mild -MM at 18/07/21 10:13	Nil -OA at 18/07/21 07:05	Nil -OA at 18/07/21 04:58	Nil -AD at 18/07/21 03:34
Verbal pain	—	Mild -MM at 18/07/21 10:13	Nil -OA at 18/07/21 07:05	Nil -OA at 18/07/21 04:58	Nil -AD at 18/07/21 03:34

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

scale on movement					
Pain Type	—	Acute pain -MM at 18/07/21 10:13	—	—	—
Pain Location	—	Head -MM at 18/07/21 10:13	—	—	—
Add additional pain details?	—	No -MM at 18/07/21 10:13	—	—	—
Nausea or vomiting?	—	None -MM at 18/07/21 10:13	None -OA at 18/07/21 07:05	None -OA at 18/07/21 04:58	None -AD at 18/07/21 03:34
Nausea score	—	Symptom absent -MM at 18/07/21 10:13	—	—	—
Eye Opening	—	Spontaneous -MM at 18/07/21 10:13	—	Spontaneous -MMA at 18/07/21 04:58	Spontaneous -AD at 18/07/21 03:34
Best Verbal Response	—	Confused -MM at 18/07/21 10:14	—	Oriented -MMA at 18/07/21 04:58	Oriented -AD at 18/07/21 03:34
Best Motor Response	—	Obeys commands -MM at 18/07/21 10:13	—	Obeys commands -MMA at 18/07/21 04:58	Obeys commands -AD at 18/07/21 03:34
Glasgow Coma Scale Score	—	14 -MM at 18/07/21 10:14	—	15 -MMA at 18/07/21 04:58	15 -AD at 18/07/21 03:34
Are pupils equal and reactive?	—	Yes -MM at 18/07/21 10:13	—	—	Yes -AD at 18/07/21 03:34
R Pupil Size (mm)	—	3 -MM at 18/07/21 10:13	—	—	3 -AD at 18/07/21 03:34
R Pupil Reaction	—	Brisk -MM at 18/07/21 10:13	—	—	Brisk -AD at 18/07/21 03:34
L Pupil Size (mm)	—	3 -MM at 18/07/21 10:13	—	—	3 -AD at 18/07/21 03:34
L Pupil Reaction	—	Brisk -MM at 18/07/21 10:13	—	—	Brisk -AD at 18/07/21 03:34
Right upper limb power	—	Full -MM at 18/07/21 10:13	—	—	Full -AD at 18/07/21 03:34
Right lower limb power	—	Full -MM at 18/07/21 10:13	—	—	Full -AD at 18/07/21 03:34
Left upper limb power	—	Full -MM at 18/07/21 10:13	—	—	Full -AD at 18/07/21 03:34
Left lower limb power	—	Full -MM at 18/07/21 10:13	—	—	Full -AD at 18/07/21 03:34
<b>Row Name</b>	<b>18/07/21 03:26</b>	<b>18/07/21 03:15</b>	<b>18/07/21 02:12</b>	<b>18/07/21 01:49</b>	<b>17/07/21 23:19</b>
Resp	—	—	—	18 -S at 18/07/21 01:50	15 -BS at 17/07/21 23:20
SpO2	—	—	—	100 % -S at 18/07/21 01:50	100 % -BS at 17/07/21 23:20
Room Air or Oxygen	—	—	—	Room air -S at 18/07/21 01:50	Room air -BS at 17/07/21 23:20
Pulse Oximetry Type	—	—	—	—	Intermittent -BS at 17/07/21 23:20
BP	—	—	—	105/57 -S at 18/07/21 01:50	119/69 -BS at 17/07/21 23:20
Blood pressure location	—	—	—	Right arm -S at 18/07/21 01:50	Right arm -BS at 17/07/21 23:20
Blood pressure method	—	—	—	Automatic -S at 18/07/21 01:50	Automatic -BS at 17/07/21 23:20
Blood pressure patient position	—	—	—	Lying on back -S at 18/07/21 01:50	Sitting -BS at 17/07/21 23:20
Pulse	—	—	—	99 -S at 18/07/21 01:50	83 -BS at 17/07/21 23:20
Pulse source	—	—	—	Sats probe -S at 18/07/21 01:50	Sats probe;Monitor -BS at 17/07/21 23:20
Level of consciousness	—	—	—	(!) Responds to voice -S at 18/07/21 01:50	Alert -BS at 17/07/21 23:20
Temp	—	—	—	36.7 °C (98.1 °F) -S at 18/07/21 01:50	36.2 °C (97.2 °F) -BS at 17/07/21 23:20
Temp src	—	—	—	Tympanic -S at 18/07/21 01:50	Tympanic -BS at 17/07/21 23:20
NEWS score	—	—	—	5	0

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

(SpO2 scale 1)				-S at 18/07/21 01:50	-BS at 17/07/21 23:20
How does the patient feel?	—	—	—	—	the same -BS at 17/07/21 23:20
Pain Scale	—	—	—	Abbey Pain Score -S at 18/07/21 01:50	Verbal Pain Scale (0-4) -BS at 17/07/21 23:20
Verbal pain scale at rest	—	—	—	—	Mild -BS at 17/07/21 23:20
Verbal pain scale on movement	—	—	—	—	Mild -BS at 17/07/21 23:20
Pain Type	—	—	—	—	Acute pain -BS at 17/07/21 23:20
Pain Location	—	—	—	—	Head -BS at 17/07/21 23:20
Add additional pain details?	—	—	—	—	No -BS at 17/07/21 23:20
Nausea or vomiting?	Vomiting -AD at 18/07/21 03:26	None -S at 18/07/21 03:16	None -S at 18/07/21 02:13	Vomiting -S at 18/07/21 01:50	None -BS at 17/07/21 23:20
Vocalisation	—	—	—	Absent -S at 18/07/21 01:50	—
Facial expression	—	—	—	Moderate -S at 18/07/21 01:50	—
Changes in body language	—	—	—	Severe -S at 18/07/21 01:50	—
Behavioural change	—	—	—	Severe -S at 18/07/21 01:50	—
Physiological change	—	—	—	Mild -S at 18/07/21 01:50	—
Physical change	—	—	—	Moderate -S at 18/07/21 01:50	—
ABBEY PAIN SCORE	—	—	—	11 -S at 18/07/21 01:50	—
Patient Activity	—	—	—	—	At rest -BS at 17/07/21 23:20
Nausea score	—	—	—	—	Symptom absent -BS at 17/07/21 23:20
Eye Opening	Spontaneous -AD at 18/07/21 03:26	—	—	To sound -S at 18/07/21 01:50	Spontaneous -BS at 17/07/21 23:20
Best Verbal Response	Oriented -AD at 18/07/21 03:26	—	—	Words -S at 18/07/21 01:50	Oriented -BS at 17/07/21 23:20
Best Motor Response	Obeys commands -AD at 18/07/21 03:26	—	—	Localises to pain -S at 18/07/21 01:50	Obeys commands -BS at 17/07/21 23:20
Glasgow Coma Scale Score	15 -AD at 18/07/21 03:26	—	—	11 -S at 18/07/21 01:50	15 -BS at 17/07/21 23:20
R Pupil Size (mm)	—	—	—	3 -S at 18/07/21 01:50	—
R Pupil Reaction	—	—	—	Brisk -S at 18/07/21 01:50	—
L Pupil Size (mm)	—	—	—	3 -S at 18/07/21 01:50	—
L Pupil Reaction	—	—	—	Brisk -S at 18/07/21 01:50	—
BMI Amputation Adjustment	—	—	—	—	No -BS at 17/07/21 23:20

**Vital Signs ICU**

Row Name	22/07/21 11:04	22/07/21 09:01	22/07/21 07:09	22/07/21 07:08	22/07/21 05:15
PO2 (from Blood Gas - read only)	(!) 21.8 22/07/21 11:04	(!) 17.9 22/07/21 09:01	(!) 64.1 22/07/21 07:09	(!) 19.7 22/07/21 07:08	(!) 15.2 22/07/21 05:15
Row Name	22/07/21 05:14	22/07/21 03:09	22/07/21 01:32	22/07/21 00:15	21/07/21 23:06
PO2 (from Blood Gas - read only)	(!) 65.9 22/07/21 05:14	(!) 67.9 22/07/21 03:09	(!) 21.7 22/07/21 01:32	(!) 21.3 22/07/21 00:15	(!) 32.4 21/07/21 23:06
Row Name	21/07/21 21:21	21/07/21 21:11	21/07/21 21:06	21/07/21 21:01	21/07/21 20:51

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

PO2 (from Blood Gas - read only)	(!) 63.5 21/07/21 21:21	(!) 57.8 21/07/21 21:11	(!) 61.2 21/07/21 21:06	(!) 61 21/07/21 21:01	(!) 56.3 21/07/21 20:51
<b>Row Name</b>	<b>21/07/21 20:42</b>	<b>21/07/21 20:33</b>	<b>21/07/21 20:19</b>	<b>21/07/21 19:57</b>	<b>21/07/21 19:56</b>
PO2 (from Blood Gas - read only)	(!) 61.4 21/07/21 20:42	(!) 57.3 21/07/21 20:33	(!) 62.4 21/07/21 20:19	(!) 52 21/07/21 19:57	(!) 54.4 21/07/21 19:56
<b>Row Name</b>	<b>21/07/21 19:44</b>	<b>21/07/21 19:35</b>	<b>21/07/21 19:19</b>	<b>21/07/21 17:07</b>	<b>21/07/21 15:59</b>
PO2 (from Blood Gas - read only)	(!) 9.46 21/07/21 19:44	(!) 17.3 21/07/21 19:35	(!) 17.7 21/07/21 19:19	(!) 19.4 21/07/21 17:07	(!) 69.1 21/07/21 15:59
<b>Row Name</b>	<b>21/07/21 15:01</b>	<b>21/07/21 13:02</b>	<b>21/07/21 11:19</b>	<b>21/07/21 10:00</b>	<b>21/07/21 09:12</b>
Temp	—	—	—	35.8 °C (96.4 °F) -JM at 21/07/21 10:10	—
Temp src	—	—	—	Tympanic -JM at 21/07/21 10:10	—
FiO2 (%)	—	—	—	21 % -JM at 21/07/21 10:10	—
O2 delivery device	—	—	—	Endotracheal tube -JM at 21/07/21 10:10	—
SpO2	—	—	—	99 % -JM at 21/07/21 10:10	—
Resp	—	—	—	18 -JM at 21/07/21 10:10	—
PO2 (from Blood Gas - read only)	(!) 15.4 21/07/21 15:01	(!) 16.7 21/07/21 13:02	(!) 17.3 21/07/21 11:19	—	(!) 15.3 21/07/21 09:12
Pulse	—	—	—	92 -JM at 21/07/21 10:10	—
Pulse source	—	—	—	Monitor -JM at 21/07/21 10:10	—
Cardiac Rhythm	—	—	—	Normal sinus rhythm -JM at 21/07/21 10:10	—
Arterial Line BP	—	—	—	108/64 -JM at 21/07/21 10:10	—
Arterial Line MAP (mmHg)	—	—	—	79 mmHg -JM at 21/07/21 10:10	—
Richmond Agitation Sedation Scale (RASS)	—	—	—	Unarousable -JM at 21/07/21 10:11	—
<b>Row Name</b>	<b>21/07/21 07:04</b>	<b>21/07/21 04:40</b>	<b>21/07/21 01:14</b>	<b>20/07/21 23:03</b>	<b>20/07/21 21:00</b>
PO2 (from Blood Gas - read only)	(!) 13.4 21/07/21 07:04	(!) 10.7 21/07/21 04:40	(!) 13.8 21/07/21 01:14	(!) 13.8 20/07/21 23:03	(!) 13.5 20/07/21 21:00
<b>Row Name</b>	<b>20/07/21 17:17</b>	<b>20/07/21 14:05</b>	<b>20/07/21 13:00</b>	<b>20/07/21 10:35</b>	<b>20/07/21 07:58</b>
Bair Hugger on	—	—	No -CM at 20/07/21 13:15	—	—
PO2 (from Blood Gas - read only)	(!) 13.5 20/07/21 17:17	13.2 20/07/21 14:05	—	(!) 14.7 20/07/21 10:35	(!) 20.4 20/07/21 07:58
Pulse	—	—	104 -CM at 20/07/21 13:14	—	—
Arterial Line BP	—	—	114/59 -CM at 20/07/21 13:14	—	—
Arterial Line MAP (mmHg)	—	—	75 mmHg -CM at 20/07/21 13:14	—	—
Limb Power Assessment	—	—	Yes -CM at 20/07/21 13:15	—	—
Left lower limb power	—	—	Nil -CM at 20/07/21 13:15	—	—
Left upper limb power	—	—	Nil -CM at 20/07/21 13:15	—	—
Right lower limb power	—	—	Nil -CM at 20/07/21 13:15	—	—
Right upper limb power	—	—	Nil -CM at 20/07/21 13:15	—	—
<b>Row Name</b>	<b>20/07/21 04:57</b>	<b>20/07/21 01:52</b>	<b>19/07/21 23:17</b>	<b>19/07/21 21:23:01</b>	<b>19/07/21 21:23</b>
PO2 (from Blood Gas - read only)	(!) 14.9 20/07/21 04:57	(!) 14.4 20/07/21 01:52	(!) 15.5 19/07/21 23:17	(!) 16.5 19/07/21 21:23	16.5 19/07/21 21:23
<b>Row Name</b>	<b>19/07/21 20:00</b>	<b>19/07/21 19:02:01</b>	<b>19/07/21 19:02</b>	<b>19/07/21 19:00</b>	<b>19/07/21 17:11:01</b>

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

FiO2 (%)	25 % -MA at 19/07/21 20:43	—	—	25 % -DS at 19/07/21 19:00	—
O2 delivery device	Endotracheal tube -MA at 19/07/21 20:43	—	—	Endotracheal tube -DS at 19/07/21 19:00	—
SpO2	96 % -MA at 19/07/21 20:44	—	—	96 % -DS at 19/07/21 19:00	—
Resp	16 -MA at 19/07/21 20:44	—	—	14 -MA at 19/07/21 20:44	—
PO2 (from Blood Gas - read only)	—	(!) 15.9 19/07/21 19:02	15.9 19/07/21 19:02	—	12.2 19/07/21 17:11
Pulse	92 -MA at 19/07/21 20:44	—	—	80 -DS at 19/07/21 19:00	—
Pulse source	Monitor -MA at 19/07/21 20:44	—	—	Monitor -DS at 19/07/21 19:00	—
Cardiac Rhythm	Normal sinus rhythm -MA at 19/07/21 20:44	—	—	Normal sinus rhythm -DS at 19/07/21 19:00	—
Arterial Line BP	117/62 -MA at 19/07/21 20:44	—	—	97/60 -DS at 19/07/21 19:00	—
Arterial Line MAP (mmHg)	79 mmHg -MA at 19/07/21 20:44	—	—	74 mmHg -DS at 19/07/21 19:00	—
<b>Row Name</b>	<b>19/07/21 17:11</b>	<b>19/07/21 17:00</b>	<b>19/07/21 16:00</b>	<b>19/07/21 15:00</b>	<b>19/07/21 14:45:01</b>
Temp	—	—	—	36 °C (96.8 °F) -MA at 19/07/21 15:30	—
Temp src	—	—	—	Tympanic -MA at 19/07/21 15:30	—
Bair Hugger on	—	—	—	No -MA at 19/07/21 15:30	—
FiO2 (%)	—	21 % -MA at 19/07/21 17:05	21 % -MA at 19/07/21 16:34	21 % -MA at 19/07/21 15:18	—
O2 delivery device	—	Endotracheal tube -MA at 19/07/21 17:05	Endotracheal tube -MA at 19/07/21 16:34	Endotracheal tube -MA at 19/07/21 15:18	—
Resp	—	14 -MA at 19/07/21 17:05	14 -MA at 19/07/21 16:34	14 -MA at 19/07/21 15:18	—
PO2 (from Blood Gas - read only)	12.2 19/07/21 17:11	—	—	—	(!) 15.7 19/07/21 14:45
Pulse	—	82 -MA at 19/07/21 17:05	83 -MA at 19/07/21 16:34	84 -MA at 19/07/21 15:18	—
Pulse source	—	Monitor -MA at 19/07/21 17:05	Monitor -MA at 19/07/21 16:34	Monitor -MA at 19/07/21 15:18	—
Cardiac Rhythm	—	Normal sinus rhythm -MA at 19/07/21 17:05	Normal sinus rhythm -MA at 19/07/21 16:34	Normal sinus rhythm -MA at 19/07/21 15:18	—
Arterial Line BP	—	105/65 -MA at 19/07/21 17:05	103/62 -MA at 19/07/21 16:34	104/63 -MA at 19/07/21 15:18	—
Arterial Line MAP (mmHg)	—	79 mmHg -MA at 19/07/21 17:05	77 mmHg -MA at 19/07/21 16:34	77 mmHg -MA at 19/07/21 15:18	—
Eye Opening	—	—	—	None/Not able to obtain (eg eyes closed by swelling) -MA at 19/07/21 15:45	—
Best Verbal Response	—	—	—	None/Not able to obtain (eg ET or tracheostomy tube) -MA at 19/07/21 15:45	—
Best Motor Response	—	—	—	None -MA at 19/07/21 15:45	—
Glasgow Coma Scale Score	—	—	—	3 -MA at 19/07/21 15:45	—
<b>Row Name</b>	<b>19/07/21 14:45</b>	<b>19/07/21 14:00</b>	<b>19/07/21 13:00</b>	<b>19/07/21 12:54:01</b>	<b>19/07/21 12:54</b>
FiO2 (%)	—	25 % -MA at 19/07/21 15:18	—	—	—
O2 delivery device	—	Endotracheal tube -MA at 19/07/21 15:18	—	—	—
SpO2	—	97 % -MA at 19/07/21 15:18	—	—	—
Resp	—	14 -MA at 19/07/21 15:18	15 -MA at 19/07/21 15:22	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

PO2 (from Blood Gas - read only)	15.7 19/07/21 14:45	—	—	(I) 13.4 19/07/21 12:54	13.4 19/07/21 12:54
Pulse	—	84 -MA at 19/07/21 15:18	—	—	—
Arterial Line BP	—	96/59 -MA at 19/07/21 15:18	—	—	—
Arterial Line MAP (mmHg)	—	71 mmHg -MA at 19/07/21 15:18	—	—	—
Eye Opening	—	None/Not able to obtain (eg eyes closed by swelling) -MA at 19/07/21 15:45	—	—	—
Best Verbal Response	—	None/Not able to obtain (eg ET or tracheostomy tube) -MA at 19/07/21 15:45	—	—	—
Best Motor Response	—	None -MA at 19/07/21 15:45	—	—	—
Glasgow Coma Scale Score	—	3 -MA at 19/07/21 15:45	—	—	—
<b>Row Name</b>	<b>19/07/21 10:07</b>	<b>19/07/21 08:00</b>	<b>19/07/21 07:20</b>	<b>19/07/21 07:00</b>	<b>19/07/21 06:20</b>
Temp	—	37.2 °C (99 °F) -RC at 19/07/21 08:03	—	—	—
Temp src	—	Tympanic -RC at 19/07/21 08:03	—	—	—
Bair Hugger on	—	Yes -RC at 19/07/21 08:03	—	—	—
FiO2 (%)	—	25 % -RC at 19/07/21 08:03	—	25 % -RC at 19/07/21 08:03	—
O2 delivery device	—	Endotracheal tube -RC at 19/07/21 08:03	—	Endotracheal tube -RC at 19/07/21 08:03	—
SpO2	—	95 % -RC at 19/07/21 08:03	—	95 % -RC at 19/07/21 08:03	—
Resp	—	16 -RC at 19/07/21 08:03	—	16 -RC at 19/07/21 08:03	—
PO2 (from Blood Gas - read only)	(I) 14.8 19/07/21 10:07	—	(I) 14.4 19/07/21 07:20	—	(I) 14.9 19/07/21 06:20
Pulse	—	95 -RC at 19/07/21 08:03	—	92 -RC at 19/07/21 08:03	—
Pulse source	—	Monitor -RC at 19/07/21 08:03	—	Monitor -RC at 19/07/21 08:03	—
Cardiac Rhythm	—	Normal sinus rhythm -RC at 19/07/21 08:03	—	Normal sinus rhythm -RC at 19/07/21 08:03	—
Arterial Line BP	—	97/56 -RC at 19/07/21 08:03	—	95/55 -RC at 19/07/21 08:03	—
Arterial Line MAP (mmHg)	—	68 mmHg -RC at 19/07/21 08:03	—	67 mmHg -RC at 19/07/21 08:03	—
Eye Opening	—	None/Not able to obtain (eg eyes closed by swelling) -RC at 19/07/21 08:03	—	—	—
Best Verbal Response	—	None/Not able to obtain (eg ET or tracheostomy tube) -RC at 19/07/21 08:03	—	—	—
Best Motor Response	—	None -RC at 19/07/21 08:03	—	—	—
Glasgow Coma Scale Score	—	3 -RC at 19/07/21 08:03	—	—	—
Richmond Agitation Sedation Scale (RASS)	—	Unarousable -RC at 19/07/21 08:03	—	Unarousable -RC at 19/07/21 08:03	—
R Pupil Size (mm)	—	8 -RC at 19/07/21 08:03	—	—	—
R Pupil Reaction	—	Nonreactive -RC at 19/07/21 08:03	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

L Pupil Size (mm)	—	8 -RC at 19/07/21 08:03	—	—	—
L Pupil Reaction	—	Nonreactive -RC at 19/07/21 08:03	—	—	—
Limb Power Assessment	—	Yes -RC at 19/07/21 08:03	—	—	—
Left lower limb power	—	Nil -RC at 19/07/21 08:03	—	—	—
Left upper limb power	—	Nil -RC at 19/07/21 08:03	—	—	—
Right lower limb power	—	Nil -RC at 19/07/21 08:03	—	—	—
Right upper limb power	—	Nil -RC at 19/07/21 08:03	—	—	—
<b>Row Name</b>	<b>19/07/21 06:00</b>	<b>19/07/21 05:00</b>	<b>19/07/21 04:00</b>	<b>19/07/21 03:03</b>	<b>19/07/21 03:00</b>
Temp	36.1 °C (97 °F) -RC at 19/07/21 06:04	—	(!) 34.6 °C (94.3 °F) -RC at 19/07/21 04:43	—	(!) 33.4 °C (92.1 °F) -CC at 19/07/21 03:06
Temp src	Tympanic -RC at 19/07/21 06:04	—	Tympanic -CC at 19/07/21 04:06	—	Tympanic -CC at 19/07/21 03:06
Bair Hugger on	Yes -RC at 19/07/21 06:04	—	Yes -RC at 19/07/21 04:52	—	Yes -RC at 19/07/21 04:52
FiO2 (%)	25 % -RC at 19/07/21 06:04	25 % -RC at 19/07/21 05:04	25 % -CC at 19/07/21 04:06	—	25 % -CC at 19/07/21 03:06
O2 delivery device	Endotracheal tube -RC at 19/07/21 06:04	Endotracheal tube -RC at 19/07/21 05:04	Endotracheal tube -CC at 19/07/21 04:06	—	Endotracheal tube -CC at 19/07/21 03:06
SpO2	—	95 % -RC at 19/07/21 05:05	95 % -CC at 19/07/21 04:06	—	95 % -CC at 19/07/21 03:06
Resp	16 -RC at 19/07/21 06:04	16 -RC at 19/07/21 05:04	16 -RC at 19/07/21 05:04	—	16 -CC at 19/07/21 03:06
PO2 (from Blood Gas - read only)	—	—	—	(!) 17.3 19/07/21 03:03	—
Pulse	89 -RC at 19/07/21 08:03	85 -RC at 19/07/21 05:05	81 -CC at 19/07/21 04:06	—	77 -CC at 19/07/21 03:06
Pulse source	Monitor -RC at 19/07/21 06:04	Monitor -RC at 19/07/21 05:04	Monitor -CC at 19/07/21 04:06	—	Monitor -CC at 19/07/21 03:06
Cardiac Rhythm	Normal sinus rhythm -RC at 19/07/21 06:04	Normal sinus rhythm -RC at 19/07/21 05:04	Normal sinus rhythm -CC at 19/07/21 04:06	—	Normal sinus rhythm -CC at 19/07/21 03:06
Arterial Line BP	95/56 -RC at 19/07/21 08:03	97/59 -RC at 19/07/21 05:05	99/62 -CC at 19/07/21 04:06	—	97/60 -CC at 19/07/21 03:06
Arterial Line MAP (mmHg)	67 mmHg -RC at 19/07/21 08:03	70 mmHg -RC at 19/07/21 05:05	74 mmHg -CC at 19/07/21 04:06	—	74 mmHg -CC at 19/07/21 03:06
Eye Opening	—	None/Not able to obtain (eg eyes closed by swelling) -RC at 19/07/21 05:04	—	—	—
Best Verbal Response	—	None/Not able to obtain (eg ET or tracheostomy tube) -RC at 19/07/21 05:04	—	—	—
Best Motor Response	—	None -RC at 19/07/21 05:04	—	—	—
Glasgow Coma Scale Score	—	3 -RC at 19/07/21 05:04	—	—	—
Richmond Agitation Sedation Scale (RASS)	Unarousable -RC at 19/07/21 06:04	Unarousable -RC at 19/07/21 05:04	Unarousable -CC at 19/07/21 04:06	—	Unarousable -CC at 19/07/21 03:06
R Pupil Size (mm)	—	8 -RC at 19/07/21 05:04	—	—	—
R Pupil Reaction	—	Nonreactive -RC at 19/07/21 05:04	—	—	—
L Pupil Size (mm)	—	8 -RC at 19/07/21 05:04	—	—	—
L Pupil Reaction	—	Nonreactive -RC at 19/07/21 05:04	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Limb Power Assessment	—	Yes -RC at 19/07/21 05:04	—	—	—
Left lower limb power	—	Nil -RC at 19/07/21 05:04	—	—	—
Left upper limb power	—	Nil -RC at 19/07/21 05:04	—	—	—
Right lower limb power	—	Nil -RC at 19/07/21 05:04	—	—	—
Right upper limb power	—	Nil -RC at 19/07/21 05:04	—	—	—
Continuous EEG	—	No -RC at 19/07/21 05:04	—	—	—
<b>Row Name</b>	<b>19/07/21 02:00</b>	<b>19/07/21 01:43</b>	<b>19/07/21 01:00</b>	<b>19/07/21 00:00</b>	<b>18/07/21 23:38</b>
Temp	(!) 32.5 °C (90.5 °F) -CC at 19/07/21 02:54	—	—	(!) 34 °C (93.2 °F) -RC at 19/07/21 01:10	—
Temp src	Tympanic -CC at 19/07/21 02:54	—	—	Tympanic -RC at 19/07/21 01:10	—
Bair Hugger on	Yes -RC at 19/07/21 04:52	—	—	Yes -RC at 19/07/21 01:10	—
FiO2 (%)	25 % -CC at 19/07/21 02:54	—	35 % -RC at 19/07/21 01:10	35 % -RC at 19/07/21 00:38	—
O2 delivery device	Endotracheal tube -CC at 19/07/21 02:54	—	Endotracheal tube -RC at 19/07/21 01:10	Endotracheal tube -RC at 19/07/21 00:38	—
SpO2	95 % -CC at 19/07/21 02:54	—	95 % -RC at 19/07/21 01:10	97 % -RC at 19/07/21 00:38	—
Resp	16 -CC at 19/07/21 03:06	—	16 -RC at 19/07/21 01:10	16 -RC at 19/07/21 00:38	—
PO2 (from Blood Gas - read only)	—	(!) 19.6 19/07/21 01:43	—	—	(!) 19.4 18/07/21 23:38
Pulse	74 -CC at 19/07/21 02:54	—	70 -RC at 19/07/21 01:10	74 -RC at 19/07/21 00:38	—
Pulse source	Monitor -CC at 19/07/21 02:54	—	Monitor -RC at 19/07/21 01:10	Monitor -RC at 19/07/21 00:38	—
Cardiac Rhythm	Normal sinus rhythm -CC at 19/07/21 02:54	—	Normal sinus rhythm -RC at 19/07/21 01:10	Normal sinus rhythm -RC at 19/07/21 00:38	—
Arterial Line BP	94/60 -CC at 19/07/21 02:54	—	93/61 -RC at 19/07/21 01:10	95/61 -RC at 19/07/21 00:38	—
Arterial Line MAP (mmHg)	73 mmHg -CC at 19/07/21 02:54	—	74 mmHg -RC at 19/07/21 01:10	75 mmHg -RC at 19/07/21 00:38	—
Eye Opening	—	—	None/Not able to obtain (eg eyes closed by swelling) -RC at 19/07/21 01:10	—	—
Best Verbal Response	—	—	None/Not able to obtain (eg ET or tracheostomy tube) -RC at 19/07/21 01:10	—	—
Best Motor Response	—	—	None -RC at 19/07/21 01:10	—	—
Glasgow Coma Scale Score	—	—	3 -RC at 19/07/21 01:10	—	—
Richmond Agitation Sedation Scale (RASS)	Unarousable -CC at 19/07/21 03:06	—	Unarousable -RC at 19/07/21 01:10	Unarousable -RC at 19/07/21 00:38	—
<b>Row Name</b>	<b>18/07/21 23:00</b>	<b>18/07/21 22:00</b>	<b>18/07/21 21:22</b>	<b>18/07/21 21:15</b>	<b>18/07/21 19:45:01</b>
Temp	—	(!) 34.5 °C (94.1 °F) -RC at 19/07/21 00:38	—	—	—
Temp src	—	Tympanic -RC at 19/07/21 00:38	—	—	—
FiO2 (%)	35 % -RC at 18/07/21 23:23	35 % -RC at 18/07/21 22:31	—	—	—
O2 delivery device	Endotracheal tube -RC at 18/07/21 23:23	Endotracheal tube -RC at 18/07/21 22:31	—	—	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

SpO2	95 % -RC at 18/07/21 23:24	98 % -RC at 18/07/21 22:31	—	—	—
Resp	16 -RC at 18/07/21 23:23	16 -RC at 18/07/21 22:31	—	—	—
PO2 (from Blood Gas - read only)	—	—	(!) 7.48 18/07/21 21:22	(!) 18.8 18/07/21 21:15	(!) 21.5 18/07/21 19:45
Pulse	85 -RC at 18/07/21 23:24	89 -RC at 18/07/21 22:31	—	—	—
Pulse source	Monitor -RC at 18/07/21 23:23	Monitor -RC at 18/07/21 22:31	—	—	—
Cardiac Rhythm	Normal sinus rhythm -RC at 18/07/21 23:23	Normal sinus rhythm -RC at 18/07/21 22:31	—	—	—
Arterial Line BP	114/72 -RC at 18/07/21 23:24	111/69 -RC at 18/07/21 22:31	—	—	—
Arterial Line MAP (mmHg)	88 mmHg -RC at 18/07/21 23:24	84 mmHg -RC at 18/07/21 22:31	—	—	—
Eye Opening	—	None/Not able to obtain (eg eyes closed by swelling) -RC at 18/07/21 22:34	—	—	—
Best Verbal Response	—	None/Not able to obtain (eg ET or tracheostomy tube) -RC at 18/07/21 22:34	—	—	—
Best Motor Response	—	None -RC at 18/07/21 22:34	—	—	—
Glasgow Coma Scale Score	—	3 -RC at 18/07/21 22:34	—	—	—
Richmond Agitation Sedation Scale (RASS)	Unarousable -RC at 18/07/21 23:23	Unarousable -RC at 18/07/21 22:34	—	—	—
R Pupil Size (mm)	—	8 -RC at 18/07/21 22:34	—	—	—
R Pupil Reaction	—	Nonreactive -RC at 18/07/21 22:34	—	—	—
L Pupil Size (mm)	—	8 -RC at 18/07/21 22:34	—	—	—
L Pupil Reaction	—	Nonreactive -RC at 18/07/21 22:34	—	—	—
Limb Power Assessment	—	Yes -RC at 18/07/21 22:34	—	—	—
Left lower limb power	—	Nil -RC at 18/07/21 22:34	—	—	—
Left upper limb power	—	Nil -RC at 18/07/21 22:34	—	—	—
Right lower limb power	—	Nil -RC at 18/07/21 22:34	—	—	—
Right upper limb power	—	Nil -RC at 18/07/21 22:34	—	—	—
Continuous EEG	—	No -RC at 19/07/21 05:04	—	—	—
<b>Row Name</b>	<b>18/07/21 19:45</b>	<b>18/07/21 19:00</b>	<b>18/07/21 18:28</b>	<b>18/07/21 18:24</b>	<b>18/07/21 18:00</b>
Temp	—	35.5 °C (95.9 °F) -JN at 18/07/21 19:17	—	—	35.5 °C (95.9 °F) -JN at 18/07/21 19:13
Temp src	—	Tympanic -JN at 18/07/21 19:17	—	—	Tympanic -JN at 18/07/21 19:13
FiO2 (%)	—	35 % -JN at 18/07/21 19:16	—	—	60 % -JN at 18/07/21 19:13
O2 delivery device	—	Endotracheal tube -JN at 18/07/21 19:16	—	—	Endotracheal tube -JN at 18/07/21 19:13
SpO2	—	98 % -JN at 18/07/21 19:16	—	—	97 % -JN at 18/07/21 19:13
Resp	—	18 -JN at 18/07/21 19:16	—	—	18 -JN at 18/07/21 19:13
PO2 (from Blood	(!) 21.4	—	(!) 20.8	(!) 29.9	—

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Gas - read only)	18/07/21 19:45		18/07/21 18:28		18/07/21 18:24
Pulse	—	85 -JN at 18/07/21 19:16	—	—	86 -JN at 18/07/21 19:13
Pulse source	—	Monitor -JN at 18/07/21 19:16	—	—	Monitor -JN at 18/07/21 19:13
Cardiac Rhythm	—	Normal sinus rhythm -JN at 18/07/21 19:16	—	—	Normal sinus rhythm -JN at 18/07/21 19:13
BP	—	(!) 82/52 -JN at 18/07/21 19:16	—	—	(!) 83/51 -JN at 18/07/21 19:13
MAP (mmHg)	—	67 -JN at 18/07/21 19:16	—	—	63 -JN at 18/07/21 19:13
Arterial Line BP	—	88/59 -JN at 18/07/21 19:16	—	—	88/60 -JN at 18/07/21 19:13
Arterial Line MAP (mmHg)	—	62 mmHg -JN at 18/07/21 19:16	—	—	69 mmHg -JN at 18/07/21 19:13
<b>Row Name</b>	<b>18/07/21 17:00</b>	<b>18/07/21 15:51</b>	<b>18/07/21 13:53</b>	<b>18/07/21 02:03</b>	<b>18/07/21 00:33:05</b>
FiO2 (%)	60 % -JN at 18/07/21 17:50	—	—	—	—
O2 delivery device	Endotracheal tube -JN at 18/07/21 17:50	—	—	—	—
SpO2	99 % -JN at 18/07/21 17:50	—	—	—	—
Resp	18 -JN at 18/07/21 17:50	—	—	—	—
PO2 (from Blood Gas - read only)	—	(!) 63.5 18/07/21 15:51	(!) 9.84 18/07/21 13:53	(!) 5.68 18/07/21 02:03	10.9 18/07/21 00:33
Pulse	109 -JN at 18/07/21 17:50	—	—	—	—
Pulse source	Monitor -JN at 18/07/21 17:50	—	—	—	—
Cardiac Rhythm	Sinus tachycardia -JN at 18/07/21 17:50	—	—	—	—
BP	111/59 -JN at 18/07/21 17:50	—	—	—	—
MAP (mmHg)	78 -JN at 18/07/21 17:50	—	—	—	—
<b>Row Name</b>	<b>18/07/21 00:33:04</b>	<b>18/07/21 00:33:03</b>	<b>18/07/21 00:33:02</b>	<b>18/07/21 00:33:01</b>	<b>18/07/21 00:33</b>
PO2 (from Blood Gas - read only)	10.9 18/07/21 00:33	10.9 18/07/21 00:33	10.9 18/07/21 00:33	10.9 18/07/21 00:33	10.9 18/07/21 00:33

**Vitals Reassessment**

<b>Row Name</b>	<b>22/07/21 02:00</b>	<b>22/07/21 01:00</b>	<b>22/07/21 00:00</b>	<b>18/07/21 19:00</b>	<b>18/07/21 18:00</b>
Restart Vitals Timer	Yes -FM at 22/07/21 02:10	Yes -FM at 22/07/21 02:10	Yes -HN at 22/07/21 00:25	Yes -JN at 18/07/21 19:16	Yes -JN at 18/07/21 19:13
<b>Row Name</b>	<b>18/07/21 17:00</b>	<b>18/07/21 12:28</b>	<b>18/07/21 09:00</b>	<b>18/07/21 07:03</b>	<b>18/07/21 04:56</b>
Restart Vitals Timer	Yes -JN at 18/07/21 17:50	Yes -MM at 18/07/21 12:30	Yes -RCA at 18/07/21 09:32	Yes -OA at 18/07/21 07:05	Yes -OA at 18/07/21 04:58
<b>Row Name</b>	<b>18/07/21 03:28</b>	<b>18/07/21 01:49</b>	<b>17/07/21 23:19</b>		
Restart Vitals Timer	Yes -AD at 18/07/21 03:34	Yes -S at 18/07/21 01:50	Yes -BS at 17/07/21 23:20		

**VTE Assessment**

<b>Row Name</b>	<b>18/07/21 07:52</b>
Patient mobility level	Medical (no expectation of reduced mobility relative to normal state) -CF at 18/07/21 07:52
Document for ALL patients	LOW VTE risk -CF at 18/07/21 07:52

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

**Waterlow Assessment**

Row Name	18/07/21 00:52
Gender	2 - Female -S at 18/07/21 00:53
Age	1 - Age 14-49 -S at 18/07/21 00:53
Build	0 - BMI 20-24.9 -S at 18/07/21 00:53
Visual Assessment of At Risk Skin Area	0 - Healthy -S at 18/07/21 00:53
Mobility	0 - Fully -S at 18/07/21 00:53
Continenence:	0 - Continent / Catheterised -S at 18/07/21 00:53
Tissue Malnutrition	0 - None of the above -S at 18/07/21 00:53
Appetite	0 - Average -S at 18/07/21 00:53
Neurological Deficit	0 - None of the above -S at 18/07/21 00:53
Major Surgery or Trauma	0 - None of the above -S at 18/07/21 00:53
Medication	0 - N/A -S at 18/07/21 00:53
Waterlow Score	3 -S at 18/07/21 00:53

**Workload Acuity Scores**

Row Name	23/07/21 02:05	23/07/21 00:06	22/07/21 22:06	22/07/21 20:06	22/07/21 18:06
Total Workload Acuity Score	48.15 -BC at 23/07/21 02:10	50.9 -BC at 23/07/21 00:11	51.65 -BC at 22/07/21 22:12	58.15 -BC at 22/07/21 20:12	56.65 -BC at 22/07/21 18:12
Row Name	22/07/21 16:06	22/07/21 14:05	22/07/21 12:05	22/07/21 10:05	22/07/21 08:05
Total Workload Acuity Score	56.65 -BC at 22/07/21 16:12	55.4 -BC at 22/07/21 14:12	57.65 -BC at 22/07/21 12:12	58.28 -BC at 22/07/21 10:12	58.45 -BC at 22/07/21 08:11
Row Name	22/07/21 06:06	22/07/21 04:06	22/07/21 02:05	22/07/21 00:06	21/07/21 22:06
Total Workload Acuity Score	54.58 -BC at 22/07/21 06:11	58.45 -BC at 22/07/21 04:12	56.45 -BC at 22/07/21 02:10	59.08 -BC at 22/07/21 00:11	53.45 -BC at 21/07/21 22:12
Row Name	21/07/21 20:06	21/07/21 18:06	21/07/21 16:06	21/07/21 14:05	21/07/21 12:05
Total Workload Acuity Score	59.38 -BC at 21/07/21 20:12	60.13 -BC at 21/07/21 18:12	58.38 -BC at 21/07/21 16:12	58.75 -BC at 21/07/21 14:12	59.5 -BC at 21/07/21 12:12
Row Name	21/07/21 10:05	21/07/21 08:05	21/07/21 06:06	21/07/21 04:06	21/07/21 02:05
Total Workload Acuity Score	58.5 -BC at 21/07/21 10:11	62.5 -BC at 21/07/21 08:10	61.5 -BC at 21/07/21 06:11	59.5 -BC at 21/07/21 04:11	59.63 -BC at 21/07/21 02:10
Row Name	21/07/21 00:06	20/07/21 22:06	20/07/21 20:06	20/07/21 18:06	20/07/21 16:06
Total Workload Acuity Score	65.63 -BC at 21/07/21 00:11	59.25 -BC at 20/07/21 22:11	65.63 -BC at 20/07/21 20:12	66.25 -BC at 20/07/21 18:11	62.43 -BC at 20/07/21 16:13
Row Name	20/07/21 14:05	20/07/21 12:05	20/07/21 10:05	20/07/21 08:05	20/07/21 06:06
Total Workload Acuity Score	63.3 -BC at 20/07/21 14:11	64.68 -BC at 20/07/21 12:11	64.68 -BC at 20/07/21 10:11	71.68 -BC at 20/07/21 08:11	72.18 -BC at 20/07/21 06:11
Row Name	20/07/21 04:06	20/07/21 02:05	20/07/21 00:06	19/07/21 22:06	19/07/21 20:06
Total Workload Acuity Score	71.68 -BC at 20/07/21 04:11	72.6 -BC at 20/07/21 02:10	66.6 -BC at 20/07/21 00:11	68.35 -BC at 19/07/21 22:11	63.23 -BC at 19/07/21 20:12
Row Name	19/07/21 18:06	19/07/21 16:06	19/07/21 14:05	19/07/21 12:05	19/07/21 10:05
Total Workload Acuity Score	59.85 -BC at 19/07/21 18:11	60.9 -BC at 19/07/21 16:12	60.15 -BC at 19/07/21 14:12	36.75 -BC at 19/07/21 12:11	26.75 -BC at 19/07/21 10:11
Row Name	19/07/21 08:05	19/07/21 06:06	19/07/21 04:06	19/07/21 02:05	19/07/21 00:06
Total Workload Acuity Score	24.88 -BC at 19/07/21 08:10	24.5 -BC at 19/07/21 06:11	24.13 -BC at 19/07/21 04:11	28.38 -BC at 19/07/21 02:10	26 -BC at 19/07/21 00:11

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

Row Name	18/07/21 22:06	18/07/21 20:06	18/07/21 18:06	18/07/21 16:06	18/07/21 14:06
Total Workload	28.83	27.45	24.7	24.53	23.53
Acuity Score	-BC at 18/07/21 22:11	-BC at 18/07/21 20:12	-BC at 18/07/21 18:11	-BC at 18/07/21 16:12	-BC at 18/07/21 14:12
Row Name	18/07/21 12:07	18/07/21 10:07	18/07/21 08:07	18/07/21 06:07	
Total Workload	23.15	21.15	20.78	20.4	
Acuity Score	-BC at 18/07/21 12:12	-BC at 18/07/21 10:12	-BC at 18/07/21 08:12	-BC at 18/07/21 06:12	

**Workload Acuity Scores**

Row Name	22/07/21 18:00	22/07/21 10:01	21/07/21 18:00	21/07/21 10:01	20/07/21 18:00
Workflow Safety Score	1 -BC at 22/07/21 18:04	1 -BC at 22/07/21 10:05	2 -BC at 21/07/21 18:04	2 -BC at 21/07/21 10:05	1 -BC at 20/07/21 18:04
Row Name	20/07/21 10:01	19/07/21 18:00	19/07/21 10:01	18/07/21 18:00	18/07/21 10:02
Workflow Safety Score	1 -BC at 20/07/21 10:04	4 -BC at 19/07/21 18:04	5 -BC at 19/07/21 10:05	2 -BC at 18/07/21 18:04	2 -BC at 18/07/21 10:07

**Wound Assessment/Care**

Row Name	19/07/21 19:00
Gender	2 - Female -DS at 19/07/21 19:13
Age	1 - Age 14-49 -DS at 19/07/21 19:13
Build	0 - BMI 20-24.9 -DS at 19/07/21 19:13
Visual Assessment of At Risk Skin Area	0 - Healthy -DS at 19/07/21 19:13
Mobility	0 - Fully -DS at 19/07/21 19:13
Continence:	0 - Continent / Catheterised -DS at 19/07/21 19:13
Tissue Malnutrition	0 - None of the above -DS at 19/07/21 19:13
Appetite	0 - Average -DS at 19/07/21 19:13
Neurological Deficit	6 - Motor/sensory/neuropathy -DS at 19/07/21 19:13
Major Surgery or Trauma	0 - None of the above -DS at 19/07/21 19:13
Medication	0 - N/A -DS at 19/07/21 19:13
Waterlow Score	9 -DS at 19/07/21 19:13

**User Key**

(r) = Recorded By, (t) = Taken By, (c) = Cosigned By

Initials	Name
OA	Odette AKASSI
CC	Carla CABAL, RN
NH	Nicola HUGHES
MM	Marianne MCFADDEN, RN
FM	Filsan MOALIN, RN
JN	Jeane NASCIMENTO, RN
NR	Naomi RONAN
RC	Raquel Soraia CASTRO RIBEIRO, RN
MA	Melania ABELENDIA CASTRO, RN
RCA	Roisin CRACKNELL
JM	Jaina MISTRY

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Flowsheets (group 3 of 3) (continued)**

S	SEREDNURSE1012
MMA	Mariss MATILLANO, RN
BS	Bryan SUMAYAO
ZS	Zoie SIDAWAY
CF	Conor FEELY
HN	Hannah NYBERG, RN
LG	Livia GOTTARDI
GO	Gwenyvere OTERO
CM	Camille Aura MANALANG
DS	Darryl Ionee SANTOS
RB	Ruksana Ruby BEGUM, RN
AD	Ainen DEMAVIVAS
BC	Chronicles, Batchq
BI	Ip, Background User

**Care Plan**

**Active**

**Problem: Acute pain**

Dates: Start: 19/07/21  
Description: Unpleasant sensory and emotional experience associated with actual or potential tissue damage, or described in terms of such damage (International Association for the Study of Pain); sudden or slow onset of any intensity from mild to severe with an anti  
Disciplines: Nurse, Interdisciplinary

**Goal: Client Satisfaction: Pain Management**

Dates: Start: 19/07/21  
Disciplines: Nurse, Interdisciplinary

**Intervention: Perform a comprehensive assessment of pain to include location, characteristics, onset/duration, frequency, quality, intensity or severity of pain, and precipitating factors**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Perform a comprehensive assessment of pain to include location, characteristics, onset/duration, frequency, quality, intensity or severity of pain, and precipitating factors

**Problem: Impaired spontaneous ventilation**

Dates: Start: 19/07/21  
Description: Inability to initiate and/or maintain independent breathing that is adequate to support life.  
Disciplines: Nurse, Interdisciplinary

**Goal: Respiratory Status: Ventilation**

Dates: Start: 19/07/21  
Description: .

Disciplines: Nurse, Interdisciplinary

**Intervention: Position patient to maximize ventilation potential**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Position patient to maximize ventilation potential

**Intervention: Remove secretions by encouraging coughing or suctioning**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Remove secretions by encouraging coughing or suctioning

**Intervention: Encourage slow, deep breathing; turning; and coughing**

Frequency: PRN  
Dates: Start: 19/07/21

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Care Plan (continued)**

Description: Encourage slow, deep breathing; turning; and coughing

**Intervention: Use fun techniques to encourage deep breathing for children (e.g., blow bubbles with bubble blower; blow on pinwheel, whistle, harmonica, balloons, party blowers; have blowing contest using ping-pong balls, feathers)**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Use fun techniques to encourage deep breathing for children (e.g., blow bubbles with bubble blower; blow on pinwheel, whistle, harmonica, balloons, party blowers; have blowing contest using ping-pong

**Intervention: Assist with incentive spirometer, as appropriate**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Assist with incentive spirometer, as appropriate

**Intervention: Regulate fluid intake to optimize fluid balance**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Regulate fluid intake to optimize fluid balance

**Intervention: Maintain inflation of the endotracheal/tracheostoma cuff at 15 to 25 mm Hg during mechanical ventilation and during and after feeding**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Maintain inflation of the endotracheal/tracheostoma cuff at 15 to 25 mm Hg during mechanical ventilation and during and after feeding

**Intervention: Loosen commercial endotracheal tube holders at least once a day, and provide skin care**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Loosen commercial endotracheal tube holders at least once a day, and provide skin care

**Intervention: Note the centimeter reference marking on endotracheal tube to monitor for possible displacement**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Note the centimeter reference marking on endotracheal tube to monitor for possible displacement

**Intervention: Perform oral care (i.e., use toothbrush, swabs, mouth and lip moisturizer), as needed**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Perform oral care (i.e., use toothbrush, swabs, mouth and lip moisturizer), as needed

**Intervention: Monitor for presence of pain**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Monitor for presence of pain

**Intervention: Ensure that endotracheal/tracheostomy cuff is inflated during feedings, as appropriate**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Ensure that endotracheal/tracheostomy cuff is inflated during feedings, as appropriate

**Intervention: Monitor PFT values, particularly vital capacity, maximal inspiratory force, forced expiratory volume in 1 second (FEV1), and FEV1/FVC, as available**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Monitor PFT values, particularly vital capacity, maximal inspiratory force, forced expiratory volume in 1 second (FEV1), and FEV1/FVC, as available

**Intervention: Monitor for increased restlessness, anxiety, and air hunger**

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Care Plan (continued)**

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Frequency: PRN  
Dates: Start: 19/07/21  
Description: Monitor for increased restlessness, anxiety, and air hunger

**Intervention: Monitor for dyspnea and events that improve and worsen it**

---

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Monitor for dyspnea and events that improve and worsen it

**Intervention: Monitor for hoarseness and voice changes every hour in patients with facial burns**

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Frequency: PRN  
Dates: Start: 19/07/21  
Description: Monitor for hoarseness and voice changes every hour in patients with facial burns

**Intervention: Assist with incentive spirometer, as appropriate**

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Frequency: PRN  
Dates: Start: 19/07/21  
Description: Assist with incentive spirometer, as appropriate

**Intervention: Initiate and maintain supplemental oxygen, as prescribed**

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Frequency: PRN  
Dates: Start: 19/07/21  
Description: Initiate and maintain supplemental oxygen, as prescribed

**Intervention: Determine patient readiness for weaning (e.g., hemodynamically stable, condition requiring ventilation resolved, current condition optimal for weaning)**

---

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Determine patient readiness for weaning (e.g., hemodynamically stable, condition requiring ventilation resolved, current condition optimal for weaning)

**Intervention: Monitor predictors of ability to tolerate weaning based on agency protocol (e.g., degree of shunt, vital capacity, Vd/Vt, MVV, inspiratory force, FEV1, negative inspiratory pressure)**

---

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Monitor predictors of ability to tolerate weaning based on agency protocol (e.g., degree of shunt, vital capacity, Vd/Vt, MVV, inspiratory force, FEV1, negative inspiratory pressure)

**Intervention: Monitor to assure patient is free of significant infection prior to weaning**

---

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Monitor to assure patient is free of significant infection prior to weaning

**Intervention: Monitor for optimal fluid and electrolyte status**

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Frequency: PRN  
Dates: Start: 19/07/21  
Description: Monitor for optimal fluid and electrolyte status

**Intervention: Collaborate with other health team members to optimize patient's nutritional status, assuring that 50% of the diet's nonprotein caloric source is fat rather than carbohydrate**

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Frequency: PRN  
Dates: Start: 19/07/21  
Description: Collaborate with other health team members to optimize patient's nutritional status, assuring that 50% of the diet's nonprotein caloric source is fat rather than carbohydrate

**Intervention: Position patient for best use of ventilatory muscles and to optimize diaphragmatic descent**

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Frequency: PRN  
Dates: Start: 19/07/21  
Description: Position patient for best use of ventilatory muscles and to optimize diaphragmatic descent

**Intervention: Suction the airway, as needed**

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Frequency: PRN

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Care Plan (continued)**

Dates: Start: 19/07/21  
Description: Suction the airway, as needed

**Intervention: Administer chest physiotherapy, as appropriate**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Administer chest physiotherapy, as appropriate

**Intervention: Consult with other health care personnel in selecting a method for weaning**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Consult with other health care personnel in selecting a method for weaning

**Intervention: Initiate weaning with trial periods (e.g., 30 to 120 minutes of ventilator-assisted spontaneous breathing)**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Initiate weaning with trial periods (e.g., 30 to 120 minutes of ventilator-assisted spontaneous breathing)

**Intervention: Alternate periods of weaning trials with sufficient periods of rest and sleep**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Alternate periods of weaning trials with sufficient periods of rest and sleep

**Intervention: Avoid delaying return of patient with fatigued respiratory muscles to mechanical ventilation**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Avoid delaying return of patient with fatigued respiratory muscles to mechanical ventilation

**Intervention: Set a schedule to coordinate other patient care activities with weaning trials**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Set a schedule to coordinate other patient care activities with weaning trials

**Intervention: Promote the best use of the patient's energy by initiating weaning trials after the patient is well rested**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Promote the best use of the patient's energy by initiating weaning trials after the patient is well rested

**Intervention: Monitor for signs of respiratory muscle fatigue (e.g., abrupt rise in PaCO<sub>2</sub>, rapid, shallow ventilation, paradoxical abdominal wall motion), hypoxemia, and tissue hypoxia while weaning is in process**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Monitor for signs of respiratory muscle fatigue (e.g., abrupt rise in PaCO<sub>2</sub>, rapid, shallow ventilation, paradoxical abdominal wall motion), hypoxemia, and tissue hypoxia while weaning is in process

**Intervention: Administer medications that promote airway patency and gas exchange**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Administer medications that promote airway patency and gas exchange

**Intervention: Set discrete, attainable goals with the patient for weaning**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Set discrete, attainable goals with the patient for weaning

**Intervention: Use relaxation techniques, as appropriate**

Frequency: PRN

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Care Plan (continued)**

Dates: Start: 19/07/21  
Description: Use relaxation techniques, as appropriate

**Intervention: Coach the patient during difficult weaning trials**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Coach the patient during difficult weaning trials

**Intervention: Assist the patient to distinguish spontaneous breaths from mechanically delivered breaths**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Assist the patient to distinguish spontaneous breaths from mechanically delivered breaths

**Intervention: Minimize excessive work of breathing that is nontherapeutic by eliminating extra dead space, adding pressure support, administering bronchodilators, and maintaining airway patency, as appropriate**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Minimize excessive work of breathing that is nontherapeutic by eliminating extra dead space, adding pressure support, administering bronchodilators, and maintaining airway patency, as appropriate

**Intervention: Avoid pharmacological sedation during weaning trials, as appropriate**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Avoid pharmacological sedation during weaning trials, as appropriate

**Intervention: Provide some means of patient control during weaning**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Provide some means of patient control during weaning

**Intervention: Stay with the patient and provide support during initial weaning attempts**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Stay with the patient and provide support during initial weaning attempts

**Intervention: Instruct patient about ventilator setting changes that increase the work of breathing, as appropriate**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Instruct patient about ventilator setting changes that increase the work of breathing, as appropriate

**Intervention: Provide the patient with positive reinforcement and frequent progress reports**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Provide the patient with positive reinforcement and frequent progress reports

**Intervention: Consider using alternate methods of weaning as determined by patient's response to the current method**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Consider using alternate methods of weaning as determined by patient's response to the current method

**Intervention: Instruct the patient and family about what to expect during various stages of weaning**

Frequency: PRN  
Dates: Start: 19/07/21  
Description: Instruct the patient and family about what to expect during various stages of weaning

**Intervention: Prepare discharge arrangements through multidisciplinary involvement with patient and family**

Frequency: PRN  
Dates: Start: 19/07/21

UNIVERSITY COLLEGE HOSPITAL CAMPUS  
University College Hospital Campus  
235 Euston Road  
London  
NW1 2BU

YOUNG, GAIA Inigo  
MRN: 21365083, DOB: 4/3/1996, Sex: F  
Adm: 17/7/2021, D/C: 23/7/2021

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Care Plan (continued)**

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Description: Prepare discharge arrangements through multidisciplinary involvement with patient and family

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**Documents (group 1 of 2)**

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**Consent Form**

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**Media type: Scan Date: 20/7/2021 13:13 Description: MRI safety questionnaire**

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Scan (below)

17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)

Documents (group 1 of 2) (continued)

University College London Hospitals **NHS**  
 NHS Foundation Trust

**MRI Safety Questionnaire: Filled in on behalf of a patient who is unable to answer.**  
 Complete for every visit)

Name	Gaia Young	Date of Birth	04/03/1996
Hospital Number	21365083	Weight (kg)	
First line of address		Patient ID confirmed By	(MRI Staff)
ID Method(Staff)	(Please tick): Verbal	(Please tick): Wristband	

1. Have you ever had a cardiac device, even if it has been removed?  
 Eg: pacemaker, implantable cardioverter defibrillator (ICD), cardiac monitor or a REVEAL device? Yes /  No
2. Have you ever had an operation to your heart?  
 Eg: cardiac stents, heart valves, repair of holes in the heart? Yes /  No
3. Have you ever had an operation to your head, neck, spine, eyes or ears?  
 Eg: aneurysm clips, coils, shunts, cochlear / inner ear devices, or any other implants in the head? Yes /  No
4. Have you ever had metal fragments in your eyes or other part of your body?  
 E.g. shrapnel, bullets, debris etc? Yes /  No
5. Have you ever had any type of electronic, mechanical or magnetic implants?  
 Eg: neuro-stimulator, tissue expanders, Stanmore non-invasive grower, drug infusion pumps etc? Yes /  No
6. Have you ever have any other implants or devices (NOT dental) Eg: orthopaedic implants, joint replacements, plates, clips, IVC filters, stents, coils, clamps, access ports, penile implant, sutures, staples, metal or wire mesh, IUD or contraceptive coil, or any other device? Yes /  No
7. Have you ever swallowed an endoscopy capsule or any other device  
 Can you confirm whether it is has left the body? Yes/No Yes /  No
8. Have you had any operations to any part of your body in the past 3 months? Yes /  No
9. Do you wear dentures, a dental plate or a brace? (please remove if metal and removable) Yes /  No
10. Do you have epilepsy or have you had a seizure in the past? Yes /  No
11. Do you have a tattoo or permanent makeup, magnetic makeup accessories? Yes /  No
12. Are you wearing coloured contact lens, piercings or hearing aids?  
 if yes, please remove Yes /  No
13. Are you currently wearing a transdermal patch (medication/nicotine patch)? Yes /  No
14. Is there any possibility that you are pregnant? Yes /  No
15. Are you breastfeeding? Yes /  No

I have read, understood and correctly answered all the relevant questions above and consent for this patient to undergo an MRI scan. I understand the patient may also receive a contrast injection as a routine part of this examination. Contact the MRI Radiographers on 73235 or 73226 if you have answered **yes** or have any concerns.

Signature..... Relationship to Patient/Referrer..... Doctor (ICU)

Print name LIA GOTTARDI Contact No/bleep 70302 Date 20/7/21

Referrer discussed with..... Contact number.....

MRI Radiographer/authorised member of staff: I confirm that I have supervised the completion of this safety checklist and based on the information provided I am satisfied that it is safe to proceed with the MRI examination.		1.5T safe	3T safe
Does the patient have an RTLS patient badge?	Yes / No	Has badge been removed and stored prior to scan?	Yes / No/ NA
Has badge been re-attached post scan? MRI Staff signature and print .....			Yes / No/ NA
Radiographer Signature .....		Date .....	
Radiographer name (PRINT).....			

Page 1 of 2 – Please complete both sides

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

Documents (group 1 of 2) (continued)

Scan (below)

University College London Hospitals **NHS**  
NHS Foundation Trust

**MRI Safety Questionnaire: Filled in on behalf of a patient who is unable to answer – Completed by Referrer.**  
 (Complete for every visit)

Name	GAIA YOUNG.	Date of Birth	4/3/96.
Hospital Number	21365083	Weight (kg)+Height(m)	55kg.
First line of address		Patient ID confirmed By	(MRI Staff)
ID Method(Staff)	(Please tick): Verbal	(Please tick): Wristband	

Please circle

1. Has the patient ever had a cardiac device, even if it has been removed?  
Eg: pacemaker, implantable cardioverter defibrillator (ICD), cardiac monitor or a REVEAL device? Yes /  No
2. Has the patient ever had an operation to your heart?  
Eg: cardiac stents, heart valves, repair of holes in the heart? Yes /  No
3. Has the patient ever had an operation to your head, neck, spine, eyes or ears?  
Eg: aneurysm clips, coils, shunts, cochlear / inner ear devices, or any other implants in the head Yes /  No
4. Has the patient ever had metal fragments in your eyes or other part of your body?  
E.g. metal fillings, shrapnel, bullets, debris etc? Yes /  No
5. Has the patient ever had any type of electronic, mechanical or magnetic implants?  
Eg: neuro-stimulator, tissue expanders, Stanmore non-invasive grower, drug infusion pumps etc Yes /  No
6. Has the patient ever had any other implants or devices (NOT dental) Eg: orthopaedic implants, joint replacements, plates, clips, IVC filters, stents, coils, clamps, access ports, penile implant, sutures, staples, metal or wire mesh, IUD or contraceptive coil, or any other device? Yes /  No
7. Has the patient ever swallowed an endoscopy capsule or any other device  
Can you confirm whether it is has left the body? Yes/No Yes /  No
8. Has the patient had any operations to any part of your body in the past 3 months? Yes /  No
9. Does the patient wear dentures, a dental plate or a brace? (please remove if metal and removable) Yes /  No
10. Does the patient have epilepsy or had a seizure in the past? Yes /  No
11. Does the patient have a tattoo/s or permanent makeup, magnetic makeup accessories, clothing with magnetic components? Yes /  No
12. Is the patient wearing coloured contact lens, piercings or hearing aids? if yes, please remove Yes /  No
13. Is the patient currently wearing a transdermal patch (medication/nicotine patch)? Yes /  No
14. Is there any possibility that the patient is pregnant? Yes /  No

If you answer yes or are unsure of any of the above questions, please call the MRI coordinator on ext 73235.

I consent to the patient wearing earplugs to protect their hearing for the MRI examination.  Yes /  No

I have read, understood and correctly answered all the relevant questions above and consent for this patient to undergo a MRI scan.

Signature: Angus De Wilco GMC number: 7490397  
 Print name: ANGUS DE WILCO Contact No/bleep: ext 70300 Date: 20/07/21

Referrer discussed with: ..... relationship to patient: .....  
 Contact number: .....

MRI Radiographer/authorised member of staff: I confirm that I have supervised the completion of this safety checklist and based on the information provided I am satisfied that it is safe to proceed with the MRI examination.	1.5T Safe	3T Safe
Radiographer Signature .....	Date .....	
Radiographer name (PRINT).....		

Page 1 of 2 – Please complete both sides

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

Documents (group 1 of 2) (continued)

Media type: Scan Date: 20/7/2021 16:25 Description: MRI safety questionnaire front

Scan (below)

University College London Hospitals **NHS**  
NHS Foundation Trust

**MRI Checklist for Injections** (Complete for every visit)

<b>Name</b>	GAIA YOUNG	<b>Date of Birth</b>	4/3/96
<b>First line of address</b>		<b>Hospital Number</b>	21365083

**Do you have any allergies? If yes please list**  
 No. Yes /  No

1. Has the patient ever had Buscopan®? If yes, did you experience any side effects? Yes /  No
2. Does the patient have tachycardia or any heart problems? Yes /  No
3. Does the patient have megacolon (swollen large bowel) or narrowing of the bowel? Yes /  No
4. Is the patient taking anticoagulants (warfarin, aspirin, heparin) or any medication that thins your blood? Yes /  No
5. Does the patient have myasthenia gravis (a disease causing muscle weakness)? Yes /  No
6. Does the patient have a urinary catheter for urinary retention due to an enlarged prostate? Yes /  No
7. Does the patient have glaucoma or under investigation for glaucoma? Yes /  No

8. Have you ever had the MRI contrast injection before (gadolinium)?  
 If yes, did you experience any side effects? Yes /  No /  N/A

9. Do you suffer from asthma?  
 If yes, are you wheezy or is your asthma poorly controlled? Yes /  No /  N/A

**If you answer yes to any of the questions below, the patient will need to have had a eGFR result within 3 months of the appointment date.**

10. Do you have hypertension or diabetes? Yes /  No
11. Have you ever had renal (kidney) disease, renal failure, renal transplant or renal injury? Yes /  No
12. Have you ever had liver failure, awaiting a liver transplant or had a liver transplant? Yes /  No

I have read, understood and answered all the relevant questions. I understand the patient may receive a contrast injection as a routine part of this examination.

I consent to the patient having injection/s as part of the MRI examination. Yes /  No

Signature: *Angus D.F. White* GMC number: 2690397  
 Print name: ANGUS D.F. WHITE Contact No/bleep: ext 20302 Date: 20/7/21  
 Referrer discussed with: ..... Contact number: .....

**MRI Radiographer/authorised member of staff:** I confirm that I have supervised the completion of this checklist.

Yes / No / N/A Safe for Buscopan: Reason for no.....  
 Yes / No / N/A Safe for Gadolinium GFR (if known):...../unknown Date:.....

Radiographer Signature ..... Date .....

Radiographer name (PRINT).....

Page 2 of 2 – Please complete both sides





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Adm: 17/7/2021, D/C: 23/7/2021

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Documents (group 1 of 2) (continued)**

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**Media type: Scan Date: 22/7/2021 09:54**

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Scan (below)



17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)

Documents (group 1 of 2) (continued)

Scan (below)

FORM FRM4281/8 Cross-Referenced in Primary Document: SOP5818 Effective Date: 13/01/2021

**NHS**  
**Blood and Transplant**

Consent for Organ and/or Tissue Donation

Unique Tissue Number

ODT Donor number

**SHARING OF INFORMATION REQUIRED TO SUPPORT ORGAN AND TISSUE DONATION** **Section 6**

**Core information**  
Blood samples will be obtained from the patient for testing, including pregnancy (for organ donors only, if applicable), tissue typing, HIV, Hepatitis, HTLV and Syphilis. These samples may be subsequently stored for future testing as necessary. In the event of any screening results that may have implications for the family, relevant individuals may be contacted if their health could be affected.

*For paediatric donation only:*  
Blood samples will be obtained from the patient and the patient's mother where the patient is under 18 months old and/or the patient has been breast fed in the last 12 months for testing, including tissue typing, HIV, Hepatitis, HTLV and Syphilis. These samples may be subsequently stored for future testing as necessary. In the event of any screening results that may have implications for the family, relevant individuals may be contacted if their health could be affected.

*Organ donation:*  
Tissue samples for example, lymph node and spleen that have been obtained for screening will be subsequently biopsied, analysed and stored for future testing as necessary.

*Blood vessels* will be retrieved and stored to support organ transplant or other surgical procedures, if not used within 14 days will be disposed of in accordance with the hospital/tissue establishment policy.

*Tissue donation:*  
The tissue donated (including hepatocytes and heart for valves) for transplantation will be stored for extended periods in tissue establishments whilst it is prepared for transplantation.

The patient's medical records have/will be accessed by relevant healthcare professionals to obtain a past medical/behavioural history. This information may be passed on a need-to-know basis to other healthcare professionals in support of the donation and transplantation process. This information may also be retained by the Organ Donation Teams/Tissue Establishment. The information collected from you on the consent form will be stored securely and only be used in support of the donation and transplantation process. For further information please see the privacy statement on NHSBT's website:  
<https://www.nhsbt.nhs.uk/privacy/>

Core information has been provided



**Applicable legislation:**  
Consent is obtained in accordance with the following legislation and good practice guidance:

- Human Tissue Act (2004)
- Human Transplantation (Wales) Act 2013 \*
- Human Transplantation and Anatomy (Jersey) Law 2018 \*
- The Human Tissue Authority Codes of Practice
- Organ Donation (Deemed Consent) Act 2019 \*
- The Human Tissue Authority Code of Practice for organ donation to support the Human Transplantation (Wales) Act 2013
- Mental Capacity Act (2005)
- Mental Capacity Act (Northern Ireland) 2016
- General Data Protection Regulation 2016

Page 4 of 7



17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)

Documents (group 1 of 2) (continued)

Media type: Scan Date: 22/7/2021 09:54

Scan (below)

FORM FRM4281/8 Cross-Referenced in Primary Document: SOP5818 Effective Date: 13/01/2021

**NHS**  
**Blood and Transplant**

**Consent for Organ and/or Tissue Donation**

Unique Tissue Number 

K									
---	--	--	--	--	--	--	--	--	--

 ODT Donor number 

1	5	1	4	3	8
---	---	---	---	---	---

**Additional Information**

Family wanted time to consider research, question 2 - left blank and 3A 'lungs' - left blank at time of consent. Aware since taking over will complete after family have had time to think with the information leaflets. T Neves 21-7-21 21:27.

CD002 Consent/Authorisation Sticker - Version 5.0 Effective: 18/08/2021  
**Patient Consent/Authorisation Form Sticker**

**Study Title:** Quality in Organ Donation (QUOD)  
**Ethics reference no:** 18/NW/0187 and 20/SS/0105  
**Principal Investigator:** Professor R J Ploeg, Professor of Transplant Biology and Honorary Consultant Transplant Surgeon, University Hospital Oxford NHS Foundation Trust

The Quality in Organ Donation initiative aims to identify factors that affect the outcome of organ transplantation. The research will involve the collection of blood, urine and samples of tissue (kidneys, ureter, liver, heart and spleen) or if applicable whole organ not suitable for transplant (heart, lung, pancreas, kidneys and liver) from your relative. Data normally obtained during the process of organ donation will be stored securely without any personal identifiers. Anonymous data will be analysed for audit and research purposes towards improving outcomes of organ donation. All information will be recorded on a secure database in compliance with the General Data Protection Regulation (GDPR).

Samples/organs obtained during this study will be used for biochemical testing of organ function. This helps us to understand how donor organs are injured during the donation process. This will contribute to the development of new therapies to improve the outcomes of organ transplantation.

The relative information leaflet provided details a website where you find more information about the QUOD study. You can provide your contact details to receive updates on the project.

Page 6 of 7

17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)

Documents (group 1 of 2) (continued)

Media type: Scan Date: 22/7/2021 09:54

Scan (below)

FORM FRM4281/8 Cross-Referenced in Primary Document: SOP5818 Effective Date: 13/01/2021

**Consent for Organ and/or Tissue Donation** **NHS Blood and Transplant**

Unique Tissue Number 

K									
---	--	--	--	--	--	--	--	--	--

 ODT Donor number 

1	5	1	4	3	8
---	---	---	---	---	---

**Additional Information**

Discussed with Donit regarding research question number 2 and 3A lungs, agreed to question number 2 but no to question 3A lungs.

HATZA @MMA  
8/1/21  
22:30

Page 7 of 7

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---

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Documents (group 1 of 2) (continued)**

---

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**Media type: Scan Date: 22/7/2021 09:54 Description: Consent for Organ and/or Tissue Donation**

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Scan (below)



**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

**Documents (group 2 of 2)**

**Other**

**Media type: Scan Date: 19/7/2021 09:03 Description: Bed 17, INTUBATED, property ref 38755, There is one woollen toy with patient**

Scan (below)





UNIVERSITY COLLEGE HOSPITAL CAMPUS  
University College Hospital Campus  
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NW1 2BU

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Adm: 17/7/2021, D/C: 23/7/2021

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Documents (group 2 of 2) (continued)**

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**Media type: Scan Date: 20/7/2021 20:02 Description: Anaesthetic Record**

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Scan (below)

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

Documents (group 2 of 2) (continued)

*GAIA INIGO YOUNG*

**University College London Hospitals  
 Anaesthetic Record**

Patient Label  
 21365083  
 4/3/1996

Proposed Operation \_\_\_\_\_  
 Urgency \_\_\_\_\_  
 ASA Grade \_\_\_\_\_

PMH *VACS ? Cause 14V*  
~~Cardiac over 1000~~

NBM Solids \_\_\_\_\_ Clear Fluids \_\_\_\_\_  
 Aspiration Risk Y / N \_\_\_\_\_  
 Previous Anaesthetic History (inc FH) \_\_\_\_\_

**Examination**

CVS \_\_\_\_\_ RS \_\_\_\_\_  
 Dentition: \_\_\_\_\_  
 Warned of \_\_\_\_\_  
 Dentition Damage Y / N \_\_\_\_\_

**Investigations**

ECG \_\_\_\_\_  
 X-rays \_\_\_\_\_  
 Echo \_\_\_\_\_  
 Other \_\_\_\_\_

**Discussion with Patient**

Regional / Other \_\_\_\_\_

Anaesthetist Name \_\_\_\_\_ Grade \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

**Weight (kg)** 55  
**Height (m)** \_\_\_\_\_  
**BP** \_\_\_\_\_  
**Pulse** \_\_\_\_\_  
**Temp (°C)** \_\_\_\_\_  
**SPO2** \_\_\_\_\_  
**LMP** \_\_\_\_\_  
**Pregnant** Y / N \_\_\_\_\_

**Drug Therapy**

**Allergies** *NEA*

Smoker \_\_\_\_\_  
 Alcohol \_\_\_\_\_  
 Recreational Drugs \_\_\_\_\_

**Blood Results** Date: \_\_\_\_\_

Hb \_\_\_\_\_ Na \_\_\_\_\_  
 WBC \_\_\_\_\_ K \_\_\_\_\_  
 Pt \_\_\_\_\_ Cr \_\_\_\_\_

APTT \_\_\_\_\_  
 PT \_\_\_\_\_  
 INR \_\_\_\_\_  
 TT \_\_\_\_\_

PCA \_\_\_\_\_  
 ITU/HDU \_\_\_\_\_  
 Lines \_\_\_\_\_  
 NGT \_\_\_\_\_  
 PR Meds \_\_\_\_\_  
 Urine Catheter \_\_\_\_\_  
 Blood Transfusion \_\_\_\_\_

**Epidural**

Failure \_\_\_\_\_  
 PDPH \_\_\_\_\_  
 Nerve damage \_\_\_\_\_  
 Pruritis \_\_\_\_\_  
 Other: \_\_\_\_\_

**Additional Notes / ABG Results / TOE Summary**

**PACU / HDU / ITU Handover**

Intra-operative problems / How were they addressed \_\_\_\_\_  
 Anaesthetic: \_\_\_\_\_

**Surgical:** \_\_\_\_\_

**Postoperative Instructions**

Oxygen: 4-6 l/min until awake or SpO<sub>2</sub> > 96%  
 Fluids: As per drug chart  
 Analgesia: As per drug chart

**Patient Destination**

Day Surgery / Ward No. \_\_\_\_\_  
 23 hr Surgery / Ward No. \_\_\_\_\_  
 Inpatient Surgery / Ward No. \_\_\_\_\_  
 Intensive Care Unit  
 PACU  
 Other \_\_\_\_\_

Nutrition: \_\_\_\_\_  
 Anticoagulation: \_\_\_\_\_  
 Other: \_\_\_\_\_

Patient to return to ward once routine observations are met YES/NO \_\_\_\_\_  
 I would like to review patient before discharge YES/NO \_\_\_\_\_

**Signature** \_\_\_\_\_  
**Name** \_\_\_\_\_  
**Bleep / Contact No** \_\_\_\_\_

**Telephone No.**

UCH \_\_\_\_\_  
 ITU Registrar South 07939 135 452  
 ITU Registrar North 07726 330 331  
 ITU Bed Co-ordinator 07726 330 331  
 PACU Bed Co-ordinator 07908 617 891  
 Acute Pain Nurse Bleep 2257  
 MNHN \_\_\_\_\_  
 ITU ext 64706 / 83123  
 HDU ext 65274 / 84575  
 Acute Pain Nurse Bleep 8248  
 Heart Hospital ICU North ext 63170 / 71 172  
 ICU South (HDU) ext 63160 / 83

17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)

Documents (group 2 of 2) (continued)

Scan (below)

**Operation** MRI HEAD  
**Date** 20/7/21  
**Name Consultant**  
**Anaesthetist**

**Anaesthetic Name / Grade** D<sub>2</sub> O<sub>2</sub> S<sub>2</sub> ST<sub>2</sub>  
**Surgeon Name / Grade**

**Airway/Intubation**  
 Facemask ventilation: Easy / Difficult  
 Guided Airway Bougie Wsg  
 ETT: Oral Nasal DLT Wsg  
 Other: Amoured Rse  
 Size 7.0  
 Intubation Grade:  
 LMA: Size In Out  
 Throat Pack In Out  
 Comments: SIMU (EPD) + RS  
 Fb<sub>2</sub> 21, PEPD 5.0  
 SIMU 18, PEPD 10, RS 10

**Vascular Access**  
 Peripheral Venous Central Venous Arterial

**Maintenance**  
 O<sub>2</sub> Air N<sub>2</sub>O  
 Soro Desg Iso  
 Other (eg TCI / TIVA)

**Monitoring**  
 ECG  ETAMAMC  
 SpO<sub>2</sub>  FOC  
 NIBP  CVP  
 ETCO<sub>2</sub>  GPR  
 ET/Spn Doppler Tone  
 PMS  
 Other BIS/Entropy

**Spac, Taped / Padded / Contoured**  
 Warning Blanket Fluid warmer  
 Other NOT

**Induction** Inflation O<sub>2</sub> N<sub>2</sub>O Sevoflurane Time  
**Intravenous (Dose)** Midazolam Propofol Thiopentone Desmethorone Oxidastrom Cyclopropane Metomidazole Gemtamin Augmentin Teicoplanin  
**Time** 21 21 21 50 50 50 50  
**ETAMAMC** TV  
**Ramp rate** Paw SpO<sub>2</sub> ET/CO<sub>2</sub> S<sub>2</sub>/CO<sub>2</sub> F<sub>2</sub> F<sub>2</sub> Temp BIS/Entropy  
 1790 1820 1920  
 98 98 97 100 100 99  
 4.0 4.0 4.2 4.2 4.4 4.5

**Ventilation** Sp-Flow Nasal Cannula Other  
**Patient Position** Supine Prone Park bench  
**Lithotomy** Lt / Rt Lateral Sling Other

**Epidural / Spinal / CSF** Awake/Asleep Sling/Lying Level Tuohy Size LOR Saline / Air Epidural Depth Catheter at Skin Epidural Test Dose Epidural Bolus Spinal Needle Size Spinal Dose  
**Aspic**  
**Local / Regional Block** Nerve Stimulator Ultrasound Guided  
**Surgeon Local Infiltr**

**Cardiac/Vascular Anaesthesia**  
 ACT Baseline  
 Hepatin Dose/Time  
 ACT Post-Heparin  
 Protamine Dose/Time  
 ACT Post-Protamine  
 CPB Total Time  
 X-Clamp Total Time  
 DHCA Total Time

**BP** 120 140 160 180 200 220  
**Pulse** 60 80 100 120 140 160 180 200 220  
**CVP** 40 60 80 100 120 140 160 180 200 220  
**ET/Spn Doppler Tone** 20 40 60 80 100 120 140 160 180 200 220

**Urine Output (hourly)** M1 M2  
**Blood Loss (hourly)**  
**Blood Loss (Total)**

**Total Blood Loss (ml)**  
 ≤ 100 1  
 101-500 2  
 501-999 4  
 ≥ 1000 8

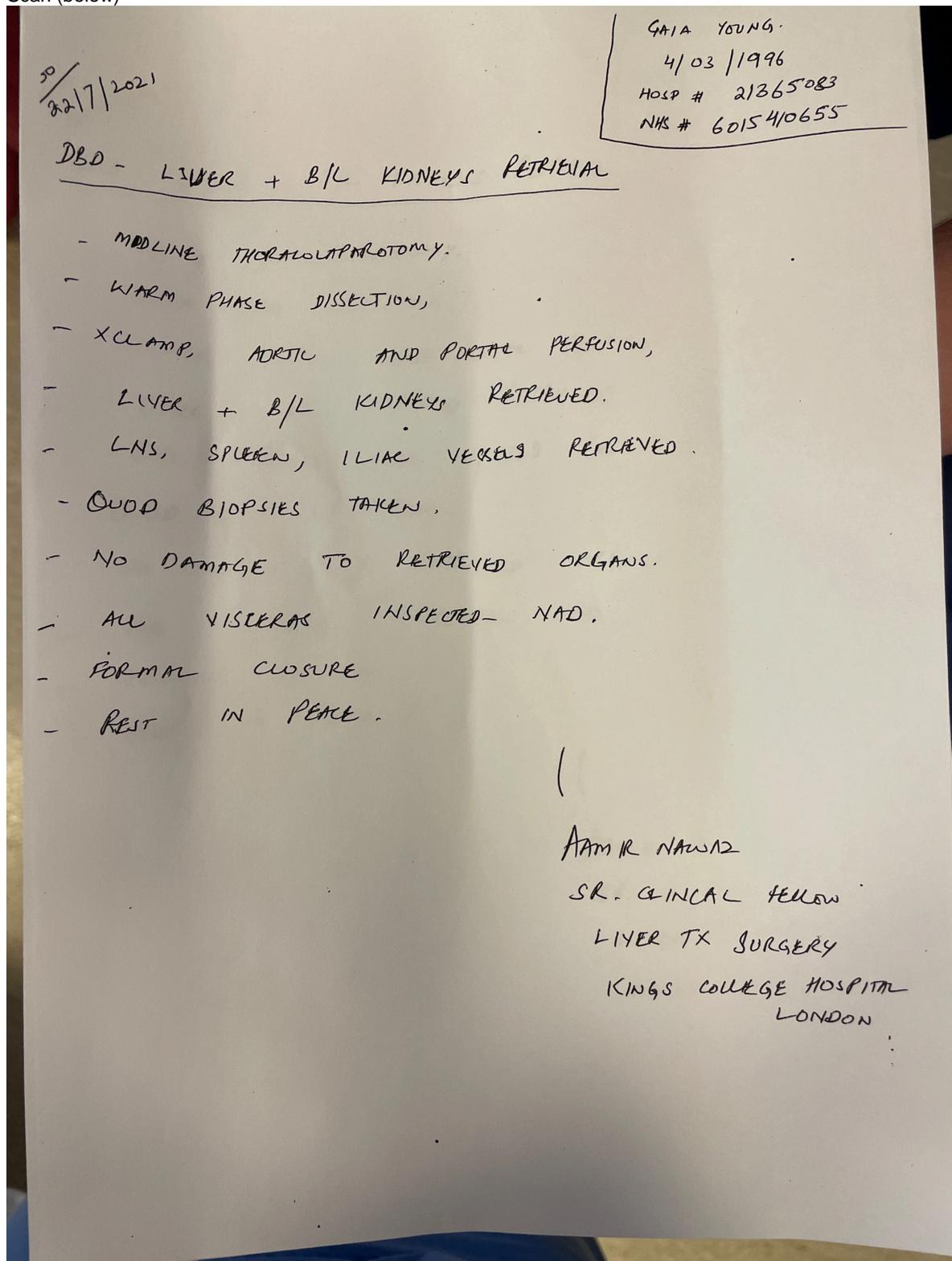
**Patent Label**  
**Blood Product / Unit No. / Events**

17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)

Documents (group 2 of 2) (continued)

Media type: Scan Date: 22/7/2021 17:46 Description: Op note page 1 of 1

Scan (below)



**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

Documents (group 2 of 2) (continued)

Patient Questionnaire

Media type: Scan Date: 20/7/2021 19:10 Description: MR Safety Questionnaire Effective from: 20/7/2021

Scan (below)



**MRI Safety Questionnaire: Filled in on behalf of a patient who is unable to answer – Completed by Referrer.**

(Complete for every visit)

Name	GAIA YOUNG	Date of Birth	4/3/96
Hospital Number	21365083	Weight (kg)+Height(m)	55kg
First line of address		Patient ID confirmed By (MRI Staff)	EU
ID Method(Staff)	(Please tick) : Verbal	(Please tick) : Wristband	

	Please circle
1. Has the patient ever had a cardiac device, even if it has been removed? <i>Eg: pacemaker, implantable cardioverter defibrillator (ICD), cardiac monitor or a REVEAL device?</i>	Yes / <input checked="" type="radio"/> No
2. Has the patient ever had an operation to your heart? <i>Eg: cardiac stents, heart valves, repair of holes in the heart?</i>	Yes / <input checked="" type="radio"/> No
3. Has the patient ever had an operation to your head, neck, spine, eyes or ears? <i>Eg: aneurysm clips, coils, shunts, cochlear / inner ear devices, or any other implants in the head</i>	Yes / <input checked="" type="radio"/> No
4. Has the patient ever had metal fragments in your eyes or other part of your body? <i>E.g. metal filings, shrapnel, bullets, debris etc?</i>	Yes / <input checked="" type="radio"/> No
5. Has the patient ever had any type of electronic, mechanical or magnetic implants? <i>Eg: neuro-stimulator, tissue expanders, Stanmore non-invasive grower, drug infusion pumps etc</i>	Yes / <input checked="" type="radio"/> No
6. Has the patient ever had any other implants or devices (NOT dental) <i>Eg: orthopaedic implants, joint replacements, plates, clips, IVC filters, stents, coils, clamps, access ports, penile implant, sutures, staples, metal or wire mesh, IUD or contraceptive coil, or any other device?</i>	Yes / <input checked="" type="radio"/> No
7. Has the patient ever swallowed an endoscopy capsule or any other device <i>Can you confirm whether it is has left the body? Yes/No</i>	Yes / <input checked="" type="radio"/> No
8. Has the patient had any operations to any part of your body in the past 3 months?	Yes / <input checked="" type="radio"/> No
9. Does the patient wear dentures, a dental plate or a brace? <i>(please remove if metal and removable)</i>	Yes / <input checked="" type="radio"/> No
10. Does the patient have epilepsy or had a seizure in the past?	Yes / <input checked="" type="radio"/> No
11. Does the patient have a tattoo/s or permanent makeup, magnetic makeup accessories, clothing with magnetic components?	Yes / <input checked="" type="radio"/> No
12. Is the patient wearing coloured contact lens, piercings or hearing aids? <i>if yes, please remove</i>	Yes / <input checked="" type="radio"/> No
13. Is the patient currently wearing a transdermal patch (medication/nicotine patch)?	Yes / <input checked="" type="radio"/> No
14. Is there any possibility that the patient is pregnant?	Yes / <input checked="" type="radio"/> No

If you answer **yes** or **are unsure** of any of the above questions, please call the MRI coordinator on ext 73235.

I consent to the patient wearing earplugs to protect their hearing for the MRI examination.  Yes /  No

I have read, understood and correctly answered all the relevant questions above and consent for this patient to undergo a MRI scan.

Signature: Angus De Wilto GMC number: 7490397  
 Print name: ANGUS DE WILTO Contact No/bleep: ext 70300 Date: 20/07/21

Referrer discussed with: ..... relationship to patient: .....  
 Contact number: .....

MRI Radiographer/authorised member of staff: I confirm that I have supervised the completion of this safety checklist and based on the information provided I am satisfied that it is safe to proceed with the MRI examination.	1.5T Safe <input checked="" type="checkbox"/>	3T Safe <input checked="" type="checkbox"/>
Radiographer Signature: <u>[Signature]</u>	Date: <u>20/7/21</u>	
Radiographer name (PRINT): <u>Etchofia</u>		

17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)

Documents (group 2 of 2) (continued)

MRI Checklist for Injections (Complete for every visit)

Name	GAIA YOUNG	Date of Birth	4/3/96
First line of address		Hospital Number	21365083

Do you have any allergies? If yes please list  
 No

Yes /  No

1. Has the patient ever had Buscopan®? If yes, did you experience any side effects?.....	Yes / <input checked="" type="radio"/> No
2. Does the patient have tachycardia or any heart problems?	Yes / <input checked="" type="radio"/> No
3. Does the patient have megacolon (swollen large bowel) or narrowing of the bowel?	Yes / <input checked="" type="radio"/> No
4. Is the patient taking anticoagulants (warfarin, aspirin, heparin) or any medication that thins your blood?	Yes / <input checked="" type="radio"/> No
5. Does the patient have myasthenia gravis (a disease causing muscle weakness)?	Yes / <input checked="" type="radio"/> No
6. Does the patient have a urinary catheter for urinary retention due to an enlarged prostate?	Yes / <input checked="" type="radio"/> No
7. Does the patient have glaucoma or under investigation for glaucoma?	Yes / <input checked="" type="radio"/> No

8. Have you ever had the MRI contrast injection before (gadolinium)? If yes, did you experience any side effects?.....	Yes / <input checked="" type="radio"/> No Yes / No / <input checked="" type="radio"/> N/A
9. Do you suffer from asthma? If yes, are you wheezy or is your asthma poorly controlled?	Yes / <input checked="" type="radio"/> No Yes / No / <input checked="" type="radio"/> N/A

If you answer **yes** to any of the questions below, the patient will need to have had a eGFR result within 3 months of the appointment date.

10. Do you have hypertension or diabetes?	Yes / <input checked="" type="radio"/> No
11. Have you ever had renal (kidney) disease, renal failure, renal transplant or renal injury?	Yes / <input checked="" type="radio"/> No
12. Have you ever had liver failure, awaiting a liver transplant or had a liver transplant?	Yes / <input checked="" type="radio"/> No

I have read, understood and answered all the relevant questions. I understand the patient may receive a contrast injection as a routine part of this examination.

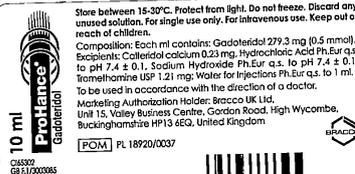
I consent to the patient having injection/s as part of the MRI examination. Yes /  No

Signature: *Alex Webb* GMC number: 7690397  
 Print name: *ANGUS DE WILCOX* Contact No/bleep: *ext 30300* Date: *20/7/21*  
 Referrer discussed with: ..... Contact number: *ext*

MRI Radiographer/authorised member of staff: I confirm that I have supervised the completion of this checklist.

Yes / No / N/A Safe for Buscopan: Reason for no.....  
 Yes /  No / N/A Safe for Gadolinium GFR (if known): *>90 on 25/07/21* / unknown

Radiographer Signature: *[Signature]* Date: *20/7/21*  
 Radiographer name (PRINT): *Eudofia*



Batch n°: 0J2362  
 Exp.: 09/2023

Page 2 of 2 – Please complete both sides

Transfer Documentation

Media type: Scan Date: 20/7/2021 20:00 Description: Transfer documentation

Scan (below)

17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)

Documents (group 2 of 2) (continued)

**University College London Hospital Critical Care Patient Transfer Documentation**  
Outreach 07939 135452 North Reg 07984 183141 South Reg 07415 634970  
NIC 07736330331

Date/ Time ..... 20/07/21 .....	
Patients Name ..... Gaia Young .....	
DOB ..... 04/03/1996 .....	Hospital Number ..... 21365083 .....

<b>Escorting Team</b>	
Doctor .....	Grade .....
Nurse .....	Grade .....
Transfer to:	
CT <input type="checkbox"/>	MRI <input type="checkbox"/>
Interventional Radiology <input type="checkbox"/>	Other Hospital .....

<b>Patient Baseline Before Transfer</b>	
A SV <input type="checkbox"/> ET <input checked="" type="checkbox"/>	Trache <input type="checkbox"/> Artificial Airway Secure <input type="checkbox"/> Replacement Trache/Dilator <input type="checkbox"/>
Tube Size ..... 7 .....	Length at Lips ..... 23cm ..... Cuff Pressure ..... 30 .....
Grade of Intubation (circle) <input checked="" type="radio"/> I <input type="radio"/> II <input type="radio"/> III <input type="radio"/> IV (Do You Know AIRWAY Plan)	
B Patient Stabilised on Transfer Ventilator at least 15 minutes prior to transfer <input type="checkbox"/>	EtCO2 monitoring <input type="checkbox"/>
ABG prior to transfer <input type="checkbox"/>	ABG issues actioned before transfer <input type="checkbox"/> (Detail actions taken on reverse)
C Heart rate 60-120bpm <input checked="" type="checkbox"/>	MAP > 65mmHg <input type="checkbox"/> Patient on Inotropes <input type="checkbox"/> 2 <sup>nd</sup> syringe available <input type="checkbox"/>
Blood loss controlled <input type="checkbox"/>	Cross match available <input type="checkbox"/> If not, is sample sent <input type="checkbox"/>
D Cervical Spine Protected <input type="checkbox"/> N/A <input type="checkbox"/>	Patient on sedation <input type="checkbox"/> extra sedation drugs available <input type="checkbox"/>
E Art Line <input checked="" type="checkbox"/> CVC <input checked="" type="checkbox"/> Vas Cath <input checked="" type="checkbox"/> Peripheral Cannula <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NG <input checked="" type="checkbox"/>	NG ..... 55 ..... cms at nose
Catheter <input checked="" type="checkbox"/>	Drains <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Other lines .....

<b>Checklist</b>	
Ventilator <input checked="" type="checkbox"/> Monitor <input checked="" type="checkbox"/> Spare Oxygen Cylinder <input type="checkbox"/> Suction <input checked="" type="checkbox"/> Extensions for Oxygen/Air <input checked="" type="checkbox"/>	
Transfer Bag <input checked="" type="checkbox"/> Emergency Drugs <input type="checkbox"/> Cannula for Contrast <input type="checkbox"/> Patient Wristband <input checked="" type="checkbox"/>	
MRI Checklist <input type="checkbox"/> 3x length IV infusion sets for MRI <input type="checkbox"/> Sliding Sheet <input checked="" type="checkbox"/> Patient's Notes <input type="checkbox"/>	
Portable drip stand <input type="checkbox"/> Equipment battery life <input type="checkbox"/> Accepting department informed of infection status <input type="checkbox"/>	

**Department Telephone Numbers**  
CT Office Hours 73238; CT Out of Hours 73229; MRI 73235;  
Interventional Radiology 70225 Radiology Acute Desk 73259

**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

Documents (group 2 of 2) (continued)

Scan (below)

**University College London Hospital Critical Care Patient Transfer Documentation**  
 Outreach 07939 135452 North Reg 07984 183141 South Reg 07415 634970  
 NIC 07736330331

**BLOOD RESULTS**  
 Hb <sup>131</sup> ..... Pits <sup>217</sup> ..... APTT <sup>29</sup> ..... INR <sup>1.16</sup> ..... K<sup>+</sup> <sup>4.1</sup> ..... Mg <sup>1.05</sup> ..... Urea <sup>1.5</sup> ..... Creatinine <sup>61</sup> .....

Take a baseline set of patient observations before leaving the unit.  
 Take a set of patient observations upon arrival at the destination before removing the patient from their bed. Take patient observations every 15 minutes whilst in the other department.  
 Take a set of observations when the patient is returned to their bed before they leave that department and immediately upon arrival to ITU again.

	Baseline												
Time	1600	1822	1924	1840									
RR	18	12	12	12									
VT	407												
MV	7.6												
FiO2	21%	21	21	21									
SaO2	97%	100	100	100									
ETCO2	4.2	4.2	4.2	4.2									
HR	96	94	94	88									
BP	103/61	114/61	100/51	119/68									
MAP	74	70	64	76									
TEMP	36.6												

**Infusions and fluids**

Pre transfer	During transfer
NORADRENALINE (8mg/50ml)	

**Incidents/interventions pre and during transfer**


**Department Telephone Numbers**  
 CT Office Hours 73238; CT Out of Hours 73229; MRI 73235;  
 Interventional Radiology 70225 Radiology Acute Desk 73259

UNIVERSITY COLLEGE HOSPITAL CAMPUS  
University College Hospital Campus  
235 Euston Road  
London  
NW1 2BU

YOUNG, GAIA Inigo  
MRN: 21365083, DOB: 4/3/1996, Sex: F  
Adm: 17/7/2021, D/C: 23/7/2021

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**17/07/2021 - ED to Hosp-Admission (Discharged) in UCH Tower 3rd Floor Intensive Care Unit (continued)**

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**Documents (group 2 of 2) (continued)**

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18/07/2021 - Appointment in UCH ED CT Department

Visit Information

Appointment Information

CT HEAD  
18/7/2021 11:20

Completed

Time	Provider	Department	Length
11:20	UCH ED CT	UCH ED CT	15 min

Referral Clinician: GREGSON, CHRISTINE  
Enc Form Number: 2845760

Arrival Time: 13:11

History

Made On:	18/7/2021 11:16	By:	Karen CLOTTEY	RIS
Checked In:	18/7/2021 13:11	By:	Karen CLOTTEY	ES
EOD Status:	22/7/2021 01:07	By:	Cadence, Batch Job	ES

Medication List

Medication List

Cannot display patient medication because the patient has not yet been checked in.

Imaging

Imaging

CT Head (Final result)

Electronically signed by: **Karen CLOTTEY on 18/07/21 11:06**

Status: **Completed**

This order may be acted on in another encounter.

Ordering user: Karen CLOTTEY 18/07/21 11:06

Ordering clinician: Simon Alexander Thomas WESTBY

Authorised by: Christine GREGSON

Ordering mode: Patient group direction (PGD)

Frequency: Routine Once 18/07/21 11:06 - 1 occurrence

Class: Hospital Performed

Quantity: 1

Lab status: Final result

Instance released by: Karen CLOTTEY 18/7/2021 11:16

Questionnaire

Question	Answer
Is this scan part of the acute stroke pathway?	No
Is this scan from the TIA clinic?	No
What is your team contact number?	2227
NHS or private patient?	1 NHS Patient
Clinical indications:	?encephalitis ? SOL ? bleed, young girl odd beahviour
Are there any clinical risk factors for contrast medium, eg history of renal impairment, hypertension, diabetes or taking medication containing metformin?	No
Does this appointment require a Play Specialist?	No
What is the patient's anaesthetic requirement?	None needed
How can the patient travel to the department?	Chair
Is the patient pregnant?	No

Screening Form

General Information

Patient Name: YOUNG, GAIA Inigo  
Date of Birth: 4/3/1996  
Legal Sex: Female

MRN: 21365083  
Mobile: 07954 554153

**18/07/2021 - Appointment in UCH ED CT Department (continued)**

**Imaging (continued)**

Procedure	Ordering Clinician	Authorising Clinician	Appointment Information
CT HEAD	Simon Alexander Thomas WESTBY	Christine GREGSON	18/7/2021 11:20 UCH ED CT UCH ED CT

**Screening Form Questions**

No questions have been answered for this form.

\_\_\_\_\_  
Patient Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Radiographer Signature

\_\_\_\_\_  
Date

**End Exam Questions**

	Answer	Comment
DLP (mGy*cm)	707.9	
Cannulation attempt and location		
Image count for ELR		
Patient made aware of use of ionising radiation?	Yes	

Resulted: 18/07/21 13:34, Result status: Final result

**CT Head**

Ordering clinician: Simon Alexander Thomas WESTBY  
18/07/21 11:06

Order status: Completed

Resulted by: Ayman MAHFOUZ

Filed by: Ayman MAHFOUZ 18/07/21 13:40

Performed: 18/07/21 13:07 - 18/07/21 13:17

Accession number: RRV2101434

Resulting lab: IMAGING

Narrative:

Study Date: 18/7/21 Accession No. RRV2101434

Exam Name: CT Head

Clinical Indications:

?encephalitis ? SOL ? bleed, young girl odd behaviour

Findings:

No previous neuroimaging available for comparison.

No intracranial haemorrhage. No acute infarct or mass.  
The ventricles and basal cisterns are patent.  
No destructive bone lesion.

Impression:

No acute intracranial finding.

Ayman Mahfouz

Consultant Radiologist

GMC : 7041035

University College London Hospitals NHS Foundation Trust  
uclh.referrals.imaging.secretaries@nhs.net

Acknowledged by: Tim CUTFIELD on 27/07/21 16:29

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

**18/07/2021 - Appointment in UCH ED CT Department (continued)**

**Imaging (continued)**

Resulted: 18/07/21 13:11, Result status: In process

**CT Head**

Ordering clinician: Simon Alexander Thomas WESTBY  
18/07/21 11:06  
Resulted by: Ayman MAHFOUZ  
Performed: 18/07/21 13:07 - 18/07/21 13:17  
Resulting lab: IMAGING

Order status: Completed

Filed by: Karen CLOTTEY 18/07/21 13:11  
Accession number: RRV2101434

**Reviewed by**

Tim CUTFIELD on 27/07/21 16:29

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

**Signed**

Electronically signed by Ayman MAHFOUZ on 18/7/21 at 13:40 BST

**All Reviewers List**

Tim CUTFIELD on 27/7/2021 16:29

**18/07/2021 - Appointment in UCH ED CT Department (continued)**

Case 660835

**Surgery Information**

**General Information**

Date: 18/7/2021	Time:	Status: Unposted
Location: UCH IR IMAGING	Theatre:	Specialty:
Patient class:	Case classification:	

**Diagnosis Information**

No post-op diagnosis codes associated with the log.

**Clinical Documentation**

**Case Tracking Events**

No case tracking events recorded

**Event Tracking**

No event timings documented

**Patient Preparation**

None

**Counts by Panel**

**Panel 1**

Type	Which ?	Correct?	X-Ray?	Dr Notified?	Counted By	Verified By
Swabs	Initial					
Sharps	Initial					
Instruments	Initial					
Swabs	Closing					
Sharps	Closing					
Instruments	Closing					
Swabs	Final					
Sharps	Final					
Instruments	Final					

**18/07/2021 - Appointment in UCH ED CT Department**

**Visit Information**

**Appointment Information**

**CT HEAD**  
 18/7/2021 16:50

**Completed**

Time	Provider	Department	Length
16:50	UCH ED CT	UCH ED CT	15 min

Referral Clinician: HARRIS, STEPHEN  
 Enc Form Number: 2845937

Arrival Time: 16:45

**History**

Made On: 18/7/2021 16:45	By: Karen CLOTTEY	RIS
Checked In: 18/7/2021 16:45	By: Karen CLOTTEY	ES
EOD Status: 22/7/2021 01:07	By: Cadence, Batch Job	ES

**Medication List**

**Medication List**

Cannot display patient medication because the patient has not yet been checked in.

**Imaging**

**Imaging**

**CT Head (Final result)**

Electronically signed by: **Stephen HARRIS on 18/07/21 16:11** Status: **Completed**  
 This order may be acted on in another encounter.  
 Ordering user: Stephen HARRIS 18/07/21 16:11 Ordering clinician: Stephen HARRIS  
 Authorised by: Stephen HARRIS Ordering mode: Standard  
 Frequency: Routine Once 18/07/21 16:11 - 1 occurrence Class: Hospital Performed  
 Quantity: 1 Lab status: Final result  
 Instance released by: Stephen HARRIS (auto-released) 18/7/2021 16:11

**Questionnaire**

Question	Answer
Is this scan part of the acute stroke pathway?	No
Is this scan from the TIA clinic?	No
What is your team contact number?	2227
NHS or private patient?	1 NHS Patient
Clinical indications:	acute drop in GCS, now GCS 3, ?intracranial bleed as per ITU consultant
Are there any clinical risk factors for contrast medium, eg history of renal impairment, hypertension, diabetes or taking medication containing metformin?	No
Does this appointment require a Play Specialist?	No
What is the patient's anaesthetic requirement?	None needed
How can the patient travel to the department?	Bed with Oxygen Comment - will come with ITU consultant intubated
Is the patient pregnant?	No

**Screening Form**

**General Information**

Patient Name: YOUNG, GAIA Inigo

MRN: 21365083



**18/07/2021 - Appointment in UCH ED CT Department (continued)**

**Imaging (continued)**

Discussion with neurosurgery is advised.

Findings discussed with the referring team at the time of reporting.

Alexandra Dudek  
Radiology ST4  
GMC 7480195  
University College London Hospitals NHS Foundation Trust  
Uchl.referrals.imaging.secretaries@nhs.net

Dr Ayman Mahfouz  
Consultant Radiologist UCH  
GMC 7041035

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

Resulted: 18/07/21 17:45, Result status:  
Preliminary result

**CT Head**

Ordering clinician: Stephen HARRIS 18/07/21 16:11      Order status: Completed  
Resulted by:      Filed by: Ruth Maria DUDEK 18/07/21 18:14  
Ruth Maria DUDEK  
Ayman MAHFOUZ  
Performed: 18/07/21 16:53 - 18/07/21 16:56      Accession number: RRV2101588  
Resulting lab: IMAGING  
Narrative:  
Study Date: 18/7/21 Accession No. RRV2101588  
Exam Name: CT Head

Clinical Indications:  
acute drop in GCS, now GCS 3, ?intracranial bleed as per ITU consultant

Findings:  
This is a PRELIMINARY RADIOLOGY SPR report which can be acted upon. A consultant will authorise this report and please note once finalised it may change. Please always check the final consultant report.

Comparison to the CT head performed 3 hours prior the same day.

There is slightly poor grey-white matter differentiation and loss of defined sulcal spaces. Findings are suspicious for generalised brain oedema. The cerebellar tonsils are at 1 cm below the foramen magnum. The ventricular system and basal cisterns are slightly effaced due to the generalised oedema.  
No obstructive hydrocephalus.  
No acute intra or extra-axial haemorrhage.  
No major territory infarct.  
No diffuse hypoattenuation within the temporal lobes on either side, however these areas are subject to beam hardening artefact from the skull base and better assessed on MRI.

Impression:  
Slight degradation of grey-white matter differentiation as well as loss of sulcal spaces. Low-lying tonsils. In combination with the drop in GCS these findings are suspicious for generalised brain oedema.

**18/07/2021 - Appointment in UCH ED CT Department (continued)**

**Imaging (continued)**

No acute haemorrhage.  
No infarction.  
No obstructive hydrocephalus

Discussion with neurosurgery is advised.

Findings discussed with the referring team at the time of reporting.

Alexandra Dudek  
Radiology ST4  
GMC 7480195  
University College London Hospitals NHS Foundation Trust  
uclh.referrals.imaging.secretaries@nhs.net

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

Resulted: 18/07/21 16:53, Result status: In process

**CT Head**

Ordering clinician: Stephen HARRIS 18/07/21 16:11

Order status: Completed

Resulted by:

Filed by: Grace FINN 18/07/21 16:53

Ruth Maria DUDEK

Ayman MAHFOUZ

Performed: 18/07/21 16:53 - 18/07/21 16:56

Accession number: RRV2101588

Resulting lab: IMAGING

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

**Signed**

Electronically signed by Ayman MAHFOUZ on 18/7/21 at 18:20 BST

**18/07/2021 - Appointment in UCH ED CT Department (continued)**

Case 660905

**Surgery Information**

**General Information**

Date: 18/7/2021	Time:	Status: Unposted
Location: UCH IR IMAGING	Theatre:	Specialty:
Patient class:	Case classification:	

**Diagnosis Information**

No post-op diagnosis codes associated with the log.

**Clinical Documentation**

**Case Tracking Events**

No case tracking events recorded

**Event Tracking**

No event timings documented

**Patient Preparation**

None

**Counts by Panel**

**Panel 1**

Type	Which ?	Correc t?	X-Ray?	Dr Notified?	Counted By	Verified By
Swabs	Initial					
Sharps	Initial					
Instruments	Initial					
Swabs	Closing					
Sharps	Closing					
Instruments	Closing					
Swabs	Final					
Sharps	Final					
Instruments	Final					

UNIVERSITY COLLEGE HOSPITAL CAMPUS  
University College Hospital Campus  
235 Euston Road  
London  
NW1 2BU

YOUNG, GAIA Inigo  
MRN: 21365083, DOB: 4/3/1996, Sex: F  
Visit date: 18/7/2021

---

**18/07/2021 - Orders Only in UCH Tower 1st Floor Acute Medical Unit**

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**Visit Information**

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**Clinician Information**

**Encounter Provider**

Bria BUSUTTIL

**Department**

**Name**

**Phone**

UCH Tower 1st Floor Acute Medical Unit      020 344 70100

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**Medication List**

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**Medication List**

This visit is during an admission. Changes to the med list made in this visit will be reflected in the After Visit Summary of the admission.

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**18/07/2021 - Documentation in PAEDS: NEUROSURGERY**

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**Visit Information**

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**Clinician Information**

**Encounter Provider**

Lucia (Maria) DARIE

**Department**

**Name**

PAEDS: NEUROSURGERY

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**Medication List**

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**Medication List**

This visit is during an admission. Changes to the med list made in this visit will be reflected in the After Visit Summary of the admission.

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**Clinical Notes**

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**Progress Notes**

**Lucia (Maria) DARIE at 18/7/2021 18:42**

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Discussed with the SITU SHO on the phone:

History: patient found by NOK in the night from Sat to Sunday non responsive/ confused? Arrived at UCLH last night - at ca 3 am? By the time she came to UCLH, she recovered.

In the morning "odd behaviour", CT head at ca 13pm and lumbar puncture;

Arrested during the LP, didn't need sedation during intubation;

Blown pupils at least since 16:53pm (the time of the second CT scan) - now at least 2h

CT Head showing no sulci and gyri high fronto-parietal, full basal cisterns and foramen magnum.

No neurosurgical intervention

Discussed with Mr Castanho<sup>[LD.1M]</sup>

Electronically signed by Lucia (Maria) DARIE at 18/7/2021 18:47

**Attribution Key**

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LD.1 - Lucia (Maria) DARIE on 18/7/2021 18:42

M - Manual

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**18/07/2021 - Orders Only in NHNN Chandler Wing 1st & 2nd Floor Theatre Suite**

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**Visit Information**

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**Clinician Information**

**Encounter Provider**

Lucia (Maria) DARIE

**Department**

**Name**

**Phone**

NHNN Chandler Wing 1st & 2nd  
Floor Theatre Suite

020 344 83155 / 83829

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**Medication List**

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**Medication List**

This visit is during an admission. Changes to the med list made in this visit will be reflected in the After Visit Summary of the admission.

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**Clinical Notes**

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**Progress Notes**

**Lucia (Maria) DARIE at 18/7/2021 19:46**

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Thank you for your call again - I have put a note at 18:42, immediately after I initially spoke with you as I was unable to reach the SHO at the given number (answerphone).

No neurosurgical intervention due to the poor prognostic associated with blown pupils since at least 2h from the initial call<sup>[LD.1M]</sup>

Electronically signed by Lucia (Maria) DARIE at 18/7/2021 19:48

**Attribution Key**

---

LD.1 - Lucia (Maria) DARIE on 18/7/2021 19:46

M - Manual

**18/07/2021 - Appointment in UCH ED CT Department**

**Visit Information**

**Appointment Information**

**CT ANGIOGRAM INTRACRANIAL**  
 18/7/2021 19:55

**Completed**

Time	Provider	Department	Length
19:55	UCH ED CT	UCH ED CT	10 min

Referral Clinician: GREGSON, CHRISTINE  
 Enc Form Number: 2846013

Arrival Time: 20:11

**History**

Made On:	18/7/2021 19:51	By:	Karen CLOTTEY	RIS
Lnk Req:	18/7/2021 19:52	By:	Karen CLOTTEY	Vrfy Orders
Checked In:	18/7/2021 20:11	By:	Christopher IWUAGWU	ES
EOD Status:	22/7/2021 01:07	By:	Cadence, Batch Job	ES

**Medication List**

**Medication List**

Cannot display patient medication because the patient has not yet been checked in.

**Imaging**

**Imaging**

**CT Angiogram Intracranial (Final result)**

Electronically signed by: **Livia GOTTARDI on 18/07/21 19:19**

Status: **Completed**

This order may be acted on in another encounter.

Ordering user: Livia GOTTARDI 18/07/21 19:19

Ordering clinician: Livia GOTTARDI

Authorised by: Christine GREGSON

Ordering mode: Standard

Frequency: Routine Once 18/07/21 19:18 - 1 occurrence

Class: Hospital Performed

Quantity: 1

Lab status: Final result

Instance released by: Livia GOTTARDI (auto-released) 18/7/2021 19:19

**Questionnaire**

Question	Answer
What is your team contact number?	70300
NHS or private patient?	1 NHS Patient
Clinical indications:	ICU patient post respiratory arrest - generalised cerebral oedema ? cause. severe acute intracranial hypertension. CTA and CTV advised by Neurology and Neurosurgery for ?venous sinus thrombus or ?intravascular occlusion/arterial malformation
Are there any clinical risk factors for contrast medium, eg history of renal impairment, hypertension, diabetes or taking medication containing metformin?	No
Does this appointment require a Play Specialist?	No
What is the patient's anaesthetic requirement?	None needed
Is the patient pregnant?	No
Does this order need result reconciliation from ELR?	Yes

**Screening Form**

**General Information**

**18/07/2021 - Appointment in UCH ED CT Department (continued)**

**Imaging (continued)**

Patient Name: YOUNG, GAIA Inigo  
 Date of Birth: 4/3/1996  
 Legal Sex: Female  
 MRN: 21365083  
 Mobile: 07954 554153

Procedure	Ordering Clinician	Authorising Clinician	Appointment Information
CT ANGIOGRAM INTRACRANIAL	Livia GOTTARDI	Christine GREGSON	18/7/2021 19:55 UCH ED CT UCH ED CT

**Screening Form Questions**

No questions have been answered for this form.

\_\_\_\_\_  
 Patient Signature                      Date                      Radiographer Signature                      Date

**End Exam Questions**

	Answer	Comment
DLP (mGy*cm)	1059	
Cannulation attempt and location		
Image count for ELR		

Resulted: 18/07/21 21:58, Result status: Final result

**CT Angiogram Intracranial**

Ordering clinician: Livia GOTTARDI 18/07/21 19:19  
 Resulted by: Everlight Radiologist RADIANT  
 Performed: 18/07/21 20:37 - 18/07/21 20:38  
 Resulting lab: IMAGING  
 Order status: Completed  
 Filed by: Elaine ATKINS 19/07/21 16:28  
 Accession number: RRV2101651

Narrative:  
 CT BRAIN , CT ANGIOGRAM NECK AND CIRCLE OF WILLIS

**CLINICAL HISTORY**

ICU patient post respiratory arrest - generalised cerebral oedema ? cause. severe acute intracranial hypertension. CTA and CTV advised by Neurology and Neurosurgery for ?venous sinus thrombus or ?intravascular occ

**FINDINGS:**

Diffuse brain oedema is noted with effacement of the foramen Magnum CSF space, partial deformation of the fourth ventricle and also further defacement of the CSF spaces around the brain stem.

Loss of grey-white matter differentiation is noted.

The CT angiogram shows interruption of flow intracranially with complete loss of anterior/post previous circulation and nonvisualization of intracranial vasculature.

The neck vasculatures appear preserved

Post Aspiration changes seen in the posterior segment left upper lobe  
 Visualised neck soft tissues are normal

**CONCLUSION**

Diffuse brain oedema post hypoxaemia.  
 There is no blood flow in the intracranial compartment as a consequence of diffuse brain oedema subsequent to hypoxia.

Electronically signed by:  
 Dr. Changez Khan Jadun  
 Consultant Diagnostic And Interventional Neuroradiologist  
 GMC: 6071500  
 Ever light Radiology

**18/07/2021 - Appointment in UCH ED CT Department (continued)**

**Imaging (continued)**

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

Resulted: 18/07/21 20:37, Result status: In process

**CT Angiogram Intracranial**

Ordering clinician: Livia GOTTARDI 18/07/21 19:19  
Resulted by: Everlight Radiologist RADIANT  
Performed: 18/07/21 20:37 - 18/07/21 20:38  
Resulting lab: IMAGING

Order status: Completed  
Filed by: Christopher IWUAGWU 18/07/21 20:37  
Accession number: RRV2101651

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

**CT Venogram Cerebral (Final result)**

Electronically signed by: **Livia GOTTARDI on 18/07/21 19:19**

Status: **Completed**

This order may be acted on in another encounter.

Ordering user: Livia GOTTARDI 18/07/21 19:19

Ordering clinician: Livia GOTTARDI

Authorised by: Christine GREGSON

Ordering mode: Standard

Frequency: Routine Once 18/07/21 19:18 - 1 occurrence

Class: Hospital Performed

Quantity: 1

Lab status: Final result

Instance released by: Livia GOTTARDI (auto-released) 18/7/2021 19:19

**Questionnaire**

Question	Answer
What is your team contact number?	70300
NHS or private patient?	1 NHS Patient
Clinical indications:	ICU patient post respiratory arrest - generalised cerebral oedema ? cause. severe acute intracranial hypertension. CTA and CTV advised by Neurology and Neurosurgery for ?venous sinus thrombus or ?intravascular occlusion/arterial malformation
Are there any clinical risk factors for contrast medium, eg history of renal impairment, hypertension, diabetes or taking medication containing metformin?	No
Does this appointment require a Play Specialist?	No
What is the patient's anaesthetic requirement?	None needed
How can the patient travel to the department?	Bed with Oxygen
Is the patient pregnant?	No

**Screening Form**

**General Information**

Patient Name: YOUNG, GAIA Inigo  
Date of Birth: 4/3/1996  
Legal Sex: Female

MRN: 21365083  
Mobile: 07954 554153

Procedure	Ordering Clinician	Authorising Clinician	Appointment Information
CT VENOGRAM CEREBRAL	Livia GOTTARDI	Christine GREGSON	18/7/2021 19:55 UCH ED CT UCH ED CT

**Screening Form Questions**

No questions have been answered for this form.

**18/07/2021 - Appointment in UCH ED CT Department (continued)**

**Imaging (continued)**

Patient Signature	Date	Radiographer Signature	Date
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**End Exam Questions**

	Answer	Comment
DLP (mGy*cm)	1059	
Cannulation attempt and location		
Image count for ELR		

Resulted: 18/07/21 21:58, Result status: Final result

**CT Venogram Cerebral**

Ordering clinician: Livia GOTTARDI 18/07/21 19:19 Resulted by: Everlight Radiologist RADIANT Performed: 18/07/21 20:37 - 18/07/21 20:38 Resulting lab: IMAGING Narrative: CT BRAIN , CT ANGIOGRAM NECK AND CIRCLE OF WILLIS	Order status: Completed Filed by: Elaine ATKINS 19/07/21 16:28 Accession number: RRV2101652
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**CLINICAL HISTORY**

ICU patient post respiratory arrest - generalised cerebral oedema ? cause. severe acute intracranial hypertension. CTA and CTV advised by Neurology and Neurosurgery for ?venous sinus thrombus or ?intravascular occ

**FINDINGS:**

Diffuse brain oedema is noted with effacement of the foramen Magnum CSF space, partial deformation of the fourth ventricle and also further defacement of the CSF spaces around the brain stem.

Loss of grey-white matter differentiation is noted.

The CT angiogram shows interruption of flow intracranially with complete loss of anterior/post previous circulation and nonvisualization of intracranial vasculature.

The neck vasculatures appear preserved

Post Aspiration changes seen in the posterior segment left upper lobe  
 Visualised neck soft tissues are normal

**CONCLUSION**

Diffuse brain oedema post hypoxaemia.  
 There is no blood flow in the intracranial compartment as a consequence of diffuse brain oedema subsequent to hypoxia.

Electronically signed by:  
 Dr. Changez Khan Jadun  
 Consultant Diagnostic And Interventional Neuroradiologist  
 GMC: 6071500  
 Ever light Radiology

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

**CT Venogram Cerebral**

Resulted: 19/07/21 16:28, Result status: In

**18/07/2021 - Appointment in UCH ED CT Department (continued)**

**Imaging (continued)**

process

Ordering clinician: Livia GOTTARDI 18/07/21 19:19  
Resulted by: Everlight Radiologist RADIANT  
Performed: 18/07/21 20:37 - 18/07/21 20:38  
Resulting lab: IMAGING

Order status: Completed  
Filed by: Elaine ATKINS 19/07/21 16:28  
Accession number: RRV2101652

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

Resulted: 18/07/21 20:37, Result status: In process

**CT Venogram Cerebral**

Ordering clinician: Livia GOTTARDI 18/07/21 19:19  
Resulted by: Everlight Radiologist RADIANT  
Performed: 18/07/21 20:37 - 18/07/21 20:38  
Resulting lab: IMAGING

Order status: Completed  
Filed by: Christopher IWUAGWU 18/07/21 20:37  
Accession number: RRV2101652

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present



**19/07/2021 - Appointment in UCH Tower Lower Gnd Floor X-ray Department**

**Visit Information**

**Appointment Information**

X-RAY Completed  
 19/7/2021 13:05

Time	Provider	Department	Length
13:05	UCH MOB1	UCH T-1 XRAY	5 min

Referral Clinician: GREGSON, CHRISTINE Arrival Time: 13:02  
 Enc Form Number: 2850482

**History**

Made On: 19/7/2021 13:02	By: Gaby-Lee HACK	RIS
Checked In: 19/7/2021 13:02	By: Gaby-Lee HACK	ES
EOD Status: 21/7/2021 01:14	By: Cadence, Batch Job	ES

**Medication List**

**Medication List**

Cannot display patient medication because the patient has not yet been checked in.

**Imaging**

**Imaging**

**XR Chest Nasogastric Tube Position (Final result)**

Electronically signed by: **Livia GOTTARDI on 19/07/21 12:55** Status: **Completed**  
 This order may be acted on in another encounter.  
 Ordering user: Livia GOTTARDI 19/07/21 12:55 Ordering clinician: Livia GOTTARDI  
 Authorised by: Christine GREGSON Ordering mode: Standard  
 Frequency: Urgent Once 19/07/21 12:55 - 1 occurrence Class: Hospital Performed  
 Quantity: 1 Lab status: Final result  
 Instance released by: Livia GOTTARDI (auto-released) 19/7/2021 12:55

**Questionnaire**

Question	Answer
Mobile examination?	Yes
What is your team contact number?	70300
Clinical indications:	ICU patient NG tube insertion, nil on aspirate
NHS or private patient?	1 NHS Patient

**End Exam Questions**

	Answer	Comment
Patient made aware of use of ionising radiation?	Yes	
kVp	96	
mAs	2	
DAP Reading	2	
DAP Units	µGym2	
Was this examination performed as a mobile?		

**XR Chest Nasogastric Tube Position**

Resulted: 22/07/21 09:49, Result status: Final result

**19/07/2021 - Appointment in UCH Tower Lower Gnd Floor X-ray Department (continued)**

**Imaging (continued)**

Ordering clinician: Livia GOTTARDI 19/07/21 12:55  
Resulted by: Everlight Radiologist RADIANT  
Performed: 19/07/21 13:05 - 19/07/21 13:53  
Resulting lab: IMAGING  
Narrative:  
X-RAY AP chest

Order status: Completed  
Filed by: Interface, Radiology Results In 22/07/21 09:50  
Accession number: RRV2102613

**FINDINGS**

The lung fields and pleural spaces appear clear. Tip of ET tube lies in region of mid trachea. Tip of NG tube lies below level of diaphragms in a reasonable position for use.

Electronically signed by:

Dr Keith Blanshard  
Consultant Radiologist  
GMC: 2688808  
Everlight Radiology

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

Resulted: 19/07/21 13:05, Result status: In process

**XR Chest Nasogastric Tube Position**

Ordering clinician: Livia GOTTARDI 19/07/21 12:55  
Resulted by: Everlight Radiologist RADIANT  
Performed: 19/07/21 13:05 - 19/07/21 13:53  
Resulting lab: IMAGING

Order status: Completed  
Filed by: Gaby-Lee HACK 19/07/21 13:05  
Accession number: RRV2102613

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

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**19/07/2021 - Documentation in DCH02 - Neurology**

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**Reason for Attendance**

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Reason for Attendance: Discussion with radiology

**Visit Information**

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**Clinician Information****Encounter Provider**

Dominic HEANEY

**Department**

Name	Address	Phone
DCH02 - Neurology	Basil Samuel Outpatients, Ground Floor, Chandler Wing, National Hospital for Neurology and Neurosurgery, Queen Square London WC1N 3BG	020 3448 8625

**Medication List**

---

**Medication List**

This visit is during an admission. Changes to the med list made in this visit will be reflected in the After Visit Summary of the admission.

**Clinical Notes**

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**Progress Notes**

**Dominic HEANEY at 19/7/2021 16:07**

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Discussion with UCH consultant neuro-radiologist (Dr Harpeet)

We reviewed the series of scans to date.

The appearances are consistent with cerebral oedema caused by toxin/drug - there is no evidence of venous thrombosis on the first CT head (although there is apparent hyperdensity of the venous sinuses this is contrasted with the parenchyma with is reduced because of the cerebral oedema).

Although bilateral carotid dissection could also cause the presentation, no evidence of dissection on the CTA.

Overall:

The radiology to date shows evidence of cerebral oedema and then brain stem herniation - but no clear evidence of venous thrombosis.

MR with MR venogram would be useful in terms of diagnosis<sup>[DH.1M]</sup>

Electronically signed by Dominic HEANEY at 19/7/2021 16:11

**Attribution Key**

DH.1 - Dominic HEANEY on 19/7/2021 16:07  
M - Manual

UNIVERSITY COLLEGE HOSPITAL CAMPUS  
University College Hospital Campus  
235 Euston Road  
London  
NW1 2BU

YOUNG, GAIA Inigo  
MRN: 21365083, DOB: 4/3/1996, Sex: F  
Visit date: 19/7/2021

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**19/07/2021 - Documentation in DCH02 - Neurology (continued)**

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**Clinical Notes (continued)**

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**19/07/2021 - Orders Only in DCH02 - Neurology**

**Visit Information**

**Clinician Information**

**Encounter Provider**

Dominic HEANEY

**Department**

Name	Address	Phone
DCH02 - Neurology	Basil Samuel Outpatients, Ground Floor, Chandler Wing, National Hospital for Neurology and Neurosurgery, Queen Square London WC1N 3BG	020 3448 8625

**Medication List**

**Medication List**

This visit is during an admission. Changes to the med list made in this visit will be reflected in the After Visit Summary of the admission.

**Imaging**

**Imaging**

**MR Venogram Cerebral (Discontinued)**

Electronically signed by: **Dominic HEANEY on 19/07/21 16:31**

Status: **Discontinued**

Ordering user: Dominic HEANEY 19/07/21 16:31

Authorised by: Dominic HEANEY

Ordering mode: Standard

Frequency: Urgent 19/07/21 -

Quantity: 1

Class: Hospital Performed

Discontinued by: Jalpa UPADHYAY 20/07/21 09:57 [Duplicate Request]

**Questionnaire**

Question	Answer
If not already in EPIC, Has the patient any of the following: pacemaker, artificial heart valve, intracranial clips, neurostimulator, programmable cerebral shunt or cochlear implant?	No
If not already in EPIC, does the patient have any surgically implanted or other metal foreign bodies in their body?	No
If already tested and not in EPIC, date blood tested and eGFR value	THIS SCAN IS FOR UCH SCAN FOR ITU PATIENT - NOT FOR NHNN OR CHALFONT
What is your team contact number?	UCH ITU
Which is the preferred site for the scan to be performed at?	No preference Comment - For UCH SCAN
Is the patient pregnant?	No
Clinical indications:	UCH patient Referral to radiology discussed with Dr Harpeet (19 July 2021): patient presents with rapidly progressive and catastrophic cerebral oedema - now has coned. No cause evidence on scannign to date
Are there any clinical risk factors for contrast medium, eg history of renal impairment, hypertension, diabetes or taking medication containing metformin?	No
What is the patient's anaesthetic requirement?	Anaesthetic Department Sedation / GA
Please give details	Patient is tubed and on the ITU on T3, UCH
NHS or private patient?	1 NHS Patient
Select Appointment Type	Next available appointment
Intended Management?	Inpatient Comment - patient is on T3 ITU
Admit to ward prior to procedure?	No
Is this order incoming from another organisation?	No
Does this need to be coordinated with other investigations or an admission?	No

**19/07/2021 - Orders Only in DCH02 - Neurology (continued)**

**Imaging (continued)**

**Screening Form**

**General Information**

Patient Name: YOUNG, GAIA Inigo	MRN: 21365083
Date of Birth: 4/3/1996	Mobile: 07954 554153
Legal Sex: Female	

Procedure	Ordering Clinician	Authorising Clinician	Appointment Information
MRV CEREBRAL VEINS		Dominic HEANEY	

**Screening Form Questions**

No questions have been answered for this form.

\_\_\_\_\_  
Patient Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Radiographer Signature

\_\_\_\_\_  
Date

**MR Head (Discontinued)**

Electronically signed by: <b>Dominic HEANEY on 19/07/21 16:31</b>	Status: <b>Discontinued</b>
Ordering user: Dominic HEANEY 19/07/21 16:31	Authorised by: Dominic HEANEY
Ordering mode: Standard	
Frequency: Urgent 19/07/21 -	Class: Hospital Performed
Quantity: 1	Discontinued by: Felicity LACCHIN 19/07/21 22:55 [Duplicate Request]

**Questionnaire**

Question	Answer
Which is the preferred site for the scan to be performed at?	No preference Comment - For UCH SCAN
If not already in EPIC, Has the patient any of the following: pacemaker, artificial heart valve, intracranial clips, neurostimulator, programmable cerebral shunt or cochlear implant?	No
If not already in EPIC, does the patient have any surgically implanted or other metal foreign bodies in their body?	No
If already tested and not in EPIC, date blood tested and eGFR value	THIS SCAN IS FOR UCH SCAN FOR ITU PATIENT - NOT FOR NHNN OR CHALFONT
Clinical indications:	UCH patient Referral to radiology discussed with Dr Harpeet (19 July 2021): patient presents with rapidly progressive and catastrophic cerebral oedema - now has coned. No cause evidence on scannign to date
Are there any clinical risk factors for contrast medium, eg history of renal impairment, hypertension, diabetes or taking medication containing metformin?	No
What is the patient's anaesthetic requirement?	Anaesthetic Department Sedation / GA
Please give details	Patient is tubed and on the ITU on T3, UCH
NHS or private patient?	1 NHS Patient
Select Appointment Type	Next available appointment
Intended Management?	Inpatient Comment - patient is on T3 ITU
Admit to ward prior to procedure?	No Comment - patient is already on teh ward
Does this need to be coordinated with other investigations or an admission?	No
Which area is this MRI referral related to?	Neuro
What is your team contact number?	UCH ITU

**Screening Form**

**General Information**

Patient Name: YOUNG, GAIA Inigo	MRN: 21365083
Date of Birth: 4/3/1996	Mobile: 07954 554153
Legal Sex: Female	

**19/07/2021 - Orders Only in DCH02 - Neurology (continued)**

**Imaging (continued)**

Procedure	Ordering Clinician	Authorising Clinician	Appointment Information
MRI HEAD		Dominic HEANEY	

**Screening Form Questions**

No questions have been answered for this form.

\_\_\_\_\_  
Patient Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Radiographer Signature

\_\_\_\_\_  
Date

**20/07/2021 - Appointment in UCH Podium 2nd Floor MRI Department**

**Visit Information**

**Appointment Information**

**MR HEAD WITH CONTRAST**  
 20/7/2021 16:10

**Completed**

Time	Provider	Department	Length
16:10	UCH P02 MR2	UCH P02 MRI	30 min

Referral Clinician: GREGSON, CHRISTINE  
 Enc Form Number: 2859782

Arrival Time: 17:44

**History**

Made On:	20/7/2021 10:02	By:	Jalpa UPADHYAY	ES
Changed:	20/7/2021 10:02	By:	Jalpa UPADHYAY	ES
Lnk Req:	20/7/2021 16:14	By:	Emmanuel UDOFIA	Vrfy Orders
Checked In:	20/7/2021 17:44	By:	Emmanuel UDOFIA	ES
EOD Status:	22/7/2021 01:08	By:	Cadence, Batch Job	ES

**Changes**

20/7/2021 10:02

Change reason: Shuffle

Old Appointment:  
 Visit Type: MR HEAD WITH CONTRAST  
 Provider: UCH P02 MR2  
 Dept: UCH P02 MRI [1020100046]  
 Date: 20/7/2021  
 Time: **16:05**  
 Length: 30

New Appointment:  
 Visit Type: MR HEAD WITH CONTRAST  
 Provider: UCH P02 MR2  
 Dept: UCH P02 MRI [1020100046]  
 Date: 20/7/2021  
 Time: **16:10**  
 Length: 30

**Medication List**

**Medication List**

Cannot display patient medication because the patient has not yet been checked in.

**Imaging**

**Imaging**

**MR Head with Contrast (Final result)**

Electronically signed by: **Jalpa UPADHYAY on 19/07/21 19:42**

Status: **Completed**

This order may be acted on in another encounter.

Ordering user: Jalpa UPADHYAY 19/07/21 19:42

Ordering clinician: Livia GOTTARDI

Authorised by: Christine GREGSON

Ordering mode: Patient group direction (PGD)

Frequency: Urgent Once 20/07/21 19:41 - 1 occurrence

Class: Hospital Performed

Quantity: 1

Lab status: Final result

Instance released by: Jalpa UPADHYAY 20/7/2021 09:59

**Questionnaire**

Question	Answer
Which area is this MRI referral related to?	Neuro
If not already in EPIC, Has the patient any of the following: pacemaker, artificial heart valve, intracranial clips, neurostimulator, programmable cerebral shunt or cochlear implant?	No

**20/07/2021 - Appointment in UCH Podium 2nd Floor MRI Department (continued)**

**Imaging (continued)**

What is your team contact number?	70300
Is the patient pregnant?	No
Clinical indications:	ICU patient, severe sudden onset cerebral oedema with unknown etiology, previously fit and well. catastrophic event with poor prognosis. MRI to investigate for possible Venous sinus thrombosis
What is the patient's anaesthetic requirement?	None needed
Does this appointment require a Play Specialist?	No
How can the patient travel to the department?	Bed with Oxygen
NHS or private patient?	1 NHS Patient

Order comments: UCH patient Referral to radiology discussed with Dr Harpeet (19 July 2021): patient presents with rapidly progressive and catastrophic cerebral oedema - now has coned. No cause evidence on scannign to date

**Screening Form**

**General Information**

Patient Name: YOUNG, GAIA Inigo	MRN: 21365083
Date of Birth: 4/3/1996	Mobile: 07954 554153
Legal Sex: Female	

Procedure	Ordering Clinician	Authorising Clinician	Appointment Information
MRI HEAD WITH CONTRAST	Livia GOTTARDI	Christine GREGSON	20/7/2021 16:10 UCH P02 MR2 UCH P02 MRI

**Screening Form Questions**

	Answer	Comment
Have you ever had an operation on your heart (e.g. cardiac stents, pacemakers, ICD, heart valves, repair of holes in the heart, etc.)?	No	
Cardiac device, even if it has been removed (e.g. pacemaker, implantable cardioverter defibrillator (ICD) cardiac monitor or a REVEAL device)?		
Coronary stent?		
Metallic heart valve replacement?		
Have you ever had an operation to your head, neck, spine or ears (e.g. spinal rods, dental implants, aneurysm clips, coils, shunts, cochlear / inner ear devices or any other implants in the head or spine)?	No	
Aneurysm clip?		
Aneurysm coils?		
Shunt or valve?		
Neurostimulator or pain relief stimulator?		
Cochlear implant?		
Dental implants?		
Any other metal implant in your head?		
Metal rods or other metal implants in your spine?		
Do you wear dentures, a dental plate or a brace? (please remove if metal and removable)	No	
Have you ever had an accident or operation to your eyes?	No	
Artificial eye?		
Retinal repair?		
Have you ever had metal fragments in your eyes or other part of your body (e.g., metal filings, shrapnel, bullets, debris, etc.)?	No	
Have you ever had any other type of surgery?		



**20/07/2021 - Appointment in UCH Podium 2nd Floor MRI Department (continued)**

**Imaging (continued)**

**Clinical Indications:**

ICU patient, severe sudden onset cerebral oedema with unknown etiology, previously fit and well. catastrophic event with poor prognosis. MRI to investigate for possible Venous sinus thrombosis

**Findings:**

Comparison is made with the CT head studies dated 19 July 2021.

The MRI study confirms the presence of severe parenchymal swelling with consequent bilateral uncal, transtentorial and tonsillar herniation with compression of the cervico-medullary junction. The diffusion is diffusely abnormal throughout the cerebral hemispheres with convincing cerebellar infarction. There is trace filling of the intracranial arteries most notably the left M1 and bilateral PCAs.

There is attenuation of the superior sagittal sinus and deep venous system with no flow signal on the MRV study. There is engorgement of the cortical veins. The transverse sinuses and sigmoid sinuses demonstrate loss of the normal flow void with trace enhancement of the left transverse sinus noted.

Ependymal signal abnormality is noted although there is no ependymal enhancement or any intracranial pathological enhancement.

**Impression:**

Severe parenchymal swelling with diffuse cerebral ischaemia and tonsillar herniation with cervico-medullary compression.

Poor intracranial arterial blood flow with attenuation of the superior sagittal sinus and slow flow within the transverse and sigmoid sinuses, most likely secondary to the severe cerebral swelling rather than the primary cause.

The ependymal signal abnormality raises ependymitis of possible viral aetiology although the FLAIR sequence is diffusely abnormal and the appearances may be artefactual. Happy to discuss.

Dr Harpreet Hyare  
Consultant Neuroradiologist  
GMC : 4431716  
University College London Hospitals NHS Foundation Trust  
uclh.referrals.imaging.secretaries@nhs.net

Acknowledged by: Tim CUTFIELD on 27/07/21 16:52

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

Resulted: 20/07/21 22:47, Result status: In process

**MR Head with Contrast**

Ordering clinician: Livia GOTTARDI 19/07/21 19:42  
Resulted by: Harpreet HYARE  
Performed: 20/07/21 18:08 - 20/07/21 19:00  
Resulting lab: IMAGING  
Narrative:  
Study Date: 20/7/21  
Accession No. RRV2103687  
RRV2103686  
Exam Name: MR Venogram  
MR Head with Contrast

Order status: Completed  
Filed by: Harpreet HYARE 21/07/21 00:07  
Accession number: RRV2103686

**Clinical Indications:**

ICU patient, severe sudden onset cerebral oedema with unknown etiology, previously fit and well. catastrophic event with poor prognosis. MRI to

**20/07/2021 - Appointment in UCH Podium 2nd Floor MRI Department (continued)**

**Imaging (continued)**

investigate for possible Venous sinus thrombosis

**Findings:**

Comparison is made with the CT head studies dated 19 July 2021.

The MRI study confirms the presence of severe parenchymal swelling with consequent bilateral uncal, transtentorial and tonsillar herniation with compression of the cervico-medullary junction. Diffuse cerebellar infarction is noted. There is trace filling of the intracranial vessels most notable the left M1 and bilateral PCAs.

There is attenuation of the superior sagittal sinus and deep venous system with no flow signal on the MRV study. There is engorgement of the cortical veins. The transverse sinuses and sigmoid sinuses demonstrate loss of the normal flow void with trace enhancement of the left transverse sinus is noted.

Ependymal signal abnormality is noted although there is no ependymal enhancement.

**Impression:**

Severe parenchymal swelling with cerebellar infarction and cervico medullary compression.

Poor intracranial arterial blood flow, attenuation of the superior sagittal sinus and possible slow flow within the transverse and sigmoid sinuses, most likely secondary to the severe cerebral swelling rather than the primary cause.

The ependymal signal abnormality raises the possibility of ependymitis of possible viral aetiology. Is there any clinical correlation?

Dr Harpreet Hyare

Consultant Neuroradiologist

GMC : 4431716

University College London Hospitals NHS Foundation Trust

uclh.referrals.imaging.secretaries@nhs.net

**Reviewed by**

Tim CUTFIELD on 27/07/21 16:52

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

Resulted: 20/07/21 18:11, Result status: In process

**MR Head with Contrast**

Ordering clinician: Livia GOTTARDI 19/07/21 19:42

Order status: Completed

Resulted by: Harpreet HYARE

Filed by: Emmanuel UDOFIA 20/07/21 18:11

Performed: 20/07/21 18:08 - 20/07/21 19:00

Accession number: RRV2103686

Resulting lab: IMAGING

**Reviewed by**

Tim CUTFIELD on 27/07/21 16:52

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

**Signed**

Electronically signed by Harpreet HYARE on 21/7/21 at 11:54 BST

**20/07/2021 - Appointment in UCH Podium 2nd Floor MRI Department (continued)**

**Imaging (continued)**

**All Reviewers List**

Tim CUTFIELD on 27/7/2021 16:52

**MR Venogram (Final result)**

Electronically signed by: **Jalpa UPADHYAY on 20/07/21 09:59**

Status: **Completed**

This order may be acted on in another encounter.

Ordering user: Jalpa UPADHYAY 20/07/21 09:59

Authorised by: Christine GREGSON

Frequency: Urgent Once 20/07/21 10:00 - 1 occurrence

Quantity: 1

Instance released by: Jalpa UPADHYAY 20/7/2021 09:59

Ordering clinician: Livia GOTTARDI

Ordering mode: Patient group direction (PGD)

Class: Hospital Performed

Lab status: Final result

**Questionnaire**

Question	Answer
If not already in EPIC, Has the patient any of the following: pacemaker, artificial heart valve, intracranial clips, neurostimulator, programmable cerebral shunt or cochlear implant?	No
What is your team contact number?	70300
Is the patient pregnant?	No
Clinical indications:	ICU patient, severe sudden onset cerebral oedema with unknown etiology, previously fit and well. catastrophic event with poor prognosis. MRI to investigate for possible Venous sinus thrombosis
What is the patient's anaesthetic requirement?	None needed
Does this appointment require a Play Specialist?	No
NHS or private patient?	1 NHS Patient

Order comments: UCH patient Referral to radiology discussed with Dr Harpeet (19 July 2021): patient presents with rapidly progressive and catastrophic cerebral oedema - now has coned. No cause evidence on scannign to date

**Screening Form**

**General Information**

Patient Name: YOUNG, GAIA Inigo  
Date of Birth: 4/3/1996  
Legal Sex: Female

MRN: 21365083  
Mobile: 07954 554153

Procedure	Ordering Clinician	Authorising Clinician	Appointment Information
MRV VENOGRAM	Livia GOTTARDI	Christine GREGSON	20/7/2021 16:10 UCH P02 MR2 UCH P02 MRI

**Screening Form Questions**

No questions have been answered for this form.

\_\_\_\_\_  
Patient Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Radiographer Signature

\_\_\_\_\_  
Date

**End Exam Questions**

Answer	Comment
Head SAR (w/kg)	
Whole Body SAR (w/kg)	
B1 + rms (uT)	

**MR Venogram**

Resulted: 21/07/21 11:48, Result status: Final result

Ordering clinician: Livia GOTTARDI 20/07/21 09:59  
Resulted by: Harpreet HYARE  
Performed: 20/07/21 18:08 - 20/07/21 19:00

Order status: Completed  
Filed by: Harpreet HYARE 21/07/21 11:54  
Accession number: RRV2103687

**20/07/2021 - Appointment in UCH Podium 2nd Floor MRI Department (continued)**

**Imaging (continued)**

Resulting lab: IMAGING  
Narrative:  
Study Date: 20/7/21  
Accession No. RRV2103687  
RRV2103686  
Exam Name: MR Venogram  
MR Head with Contrast

Clinical Indications:  
ICU patient, severe sudden onset cerebral oedema with unknown etiology, previously fit and well. catastrophic event with poor prognosis. MRI to investigate for possible Venous sinus thrombosis

Findings:  
Comparison is made with the CT head studies dated 19 July 2021.

The MRI study confirms the presence of severe parenchymal swelling with consequent bilateral uncal, transtentorial and tonsillar herniation with compression of the cervico-medullary junction. The diffusion is diffusely abnormal throughout the cerebral hemispheres with convincing cerebellar infarction. There is trace filling of the intracranial arteries most notably the left M1 and bilateral PCAs.

There is attenuation of the superior sagittal sinus and deep venous system with no flow signal on the MRV study. There is engorgement of the cortical veins. The transverse sinuses and sigmoid sinuses demonstrate loss of the normal flow void with trace enhancement of the left transverse sinus noted.

Ependymal signal abnormality is noted although there is no ependymal enhancement or any intracranial pathological enhancement.

Impression:  
Severe parenchymal swelling with diffuse cerebral ischaemia and tonsillar herniation with cervico-medullary compression.  
Poor intracranial arterial blood flow with attenuation of the superior sagittal sinus and slow flow within the transverse and sigmoid sinuses, most likely secondary to the severe cerebral swelling rather than the primary cause.  
The ependymal signal abnormality raises ependymitis of possible viral aetiology although the FLAIR sequence is diffusely abnormal and the appearances may be artefactual. Happy to discuss.

Dr Harpreet Hyare  
Consultant Neuroradiologist  
GMC : 4431716  
University College London Hospitals NHS Foundation Trust  
uclh.referrals.imaging.secretaries@nhs.net

Acknowledged by: Tim CUTFIELD on 27/07/21 16:52

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

Resulted: 20/07/21 22:47, Result status: In process

**MR Venogram**

Ordering clinician: Livia GOTTARDI 20/07/21 09:59  
Resulted by: Harpreet HYARE  
Performed: 20/07/21 18:08 - 20/07/21 19:00  
Resulting lab: IMAGING  
Narrative:  
Study Date: 20/7/21  
Accession No. RRV2103687

Order status: Completed  
Filed by: Harpreet HYARE 21/07/21 00:07  
Accession number: RRV2103687

**20/07/2021 - Appointment in UCH Podium 2nd Floor MRI Department (continued)**

**Imaging (continued)**

RRV2103686  
Exam Name: MR Venogram  
MR Head with Contrast

Clinical Indications:  
ICU patient, severe sudden onset cerebral oedema with unknown etiology, previously fit and well. catastrophic event with poor prognosis. MRI to investigate for possible Venous sinus thrombosis

Findings:  
Comparison is made with the CT head studies dated 19 July 2021.

The MRI study confirms the presence of severe parenchymal swelling with consequent bilateral uncal, transtentorial and tonsillar herniation with compression of the cervico-medullary junction. Diffuse cerebellar infarction is noted. There is trace filling of the intracranial vessels most notable the left M1 and bilateral PCAs.

There is attenuation of the superior sagittal sinus and deep venous system with no flow signal on the MRV study. There is engorgement of the cortical veins. The transverse sinuses and sigmoid sinuses demonstrate loss of the normal flow void with trace enhancement of the left transverse sinus is noted.

Ependymal signal abnormality is noted although there is no ependymal enhancement.

Impression:  
Severe parenchymal swelling with cerebellar infarction and cervico medullary compression.  
Poor intracranial arterial blood flow, attenuation of the superior sagittal sinus and possible slow flow within the transverse and sigmoid sinuses, most likely secondary to the severe cerebral swelling rather than the primary cause.  
The ependymal signal abnormality raises the possibility of ependymitis of possible viral aetiology. Is there any clinical correlation?

Dr Harpreet Hyare  
Consultant Neuroradiologist  
GMC : 4431716  
University College London Hospitals NHS Foundation Trust  
uclh.referrals.imaging.secretaries@nhs.net

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

Resulted: 20/07/21 18:11, Result status: In process

**MR Venogram**

Ordering clinician: Livia GOTTARDI 20/07/21 09:59  
Resulted by: Harpreet HYARE  
Performed: 20/07/21 18:08 - 20/07/21 19:00  
Resulting lab: IMAGING  
Order status: Completed  
Filed by: Emmanuel UDOFIA 20/07/21 18:11  
Accession number: RRV2103687

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

**Signed**

Electronically signed by Harpreet HYARE on 21/7/21 at 11:54 BST

UNIVERSITY COLLEGE HOSPITAL CAMPUS  
University College Hospital Campus  
235 Euston Road  
London  
NW1 2BU

YOUNG, GAIA Inigo  
MRN: 21365083, DOB: 4/3/1996, Sex: F  
Visit date: 20/7/2021

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**20/07/2021 - Appointment in UCH Podium 2nd Floor MRI Department (continued)**

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**Imaging (continued)**

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**20/07/2021 - Appointment in UCH Podium 2nd Floor MRI Department (continued)**

Case 663141

**Surgery Information**

**General Information**

Date: 20/7/2021	Time:	Status: Unposted
Location: UCH IR IMAGING	Theatre:	Specialty:
Patient class:	Case classification:	

**Diagnosis Information**

No post-op diagnosis codes associated with the log.

**Clinical Documentation**

**Case Tracking Events**

No case tracking events recorded

**Event Tracking**

No event timings documented

**Patient Preparation**

None

**Counts by Panel**

**Panel 1**

Type	Which ?	Correct?	X-Ray?	Dr Notified?	Counted By	Verified By
Swabs	Initial					
Sharps	Initial					
Instruments	Initial					
Swabs	Closing					
Sharps	Closing					
Instruments	Closing					
Swabs	Final					
Sharps	Final					
Instruments	Final					

**20/07/2021 - Appointment in UCH Podium 2nd Floor MRI Department**

**Visit Information**

**Appointment Information**

**MRV VENOGRAM**  
20/7/2021 16:40

**Cancelled**

<b>Time</b>	<b>Provider</b>	<b>Department</b>	<b>Length</b>
16:40	UCH P02 MR2	UCH P02 MRI	30 min

Referral Clinician: GREGSON, CHRISTINE

**History**

Made On:	20/7/2021 10:02	By:	Jalpa UPADHYAY	ES
Cancelled:	20/7/2021 16:13	By:	Emmanuel UDOFIA	ES
Cancel Rsn:	Patient Cancellation - Other			

**Medication List**

**Medication List**

Cannot display patient medication because the patient has not yet been checked in.

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**21/07/2021 - Documentation in DCH02 - Neurology**

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**Visit Information**

---

**Clinician Information****Encounter Provider**

Dominic HEANEY

**Department**

Name	Address	Phone
DCH02 - Neurology	Basil Samuel Outpatients, Ground Floor, Chandler Wing, National Hospital for Neurology and Neurosurgery, Queen Square London WC1N 3BG	020 3448 8625

**Medication List**

---

**Medication List**

This visit is during an admission. Changes to the med list made in this visit will be reflected in the After Visit Summary of the admission.

**Clinical Notes**

---

**Progress Notes**

**Dominic HEANEY at 21/7/2021 11:03**

---

I have reviewed last night's scan - in the context of the full sequence of imaging. These images are complex and difficult to interpret: with the UCH neuro-radiology service, I have sought advice from the NHNN neuro-radiology team. We await their review - which should be later today.<sup>[DH.1M]</sup>

Electronically signed by Dominic HEANEY at 21/7/2021 11:05

**Attribution Key**

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DH.1 - Dominic HEANEY on 21/7/2021 11:03  
M - Manual

---

**21/07/2021 - Documentation in DCH02 - Neurology**

---

**Visit Information**

---

**Clinician Information****Encounter Provider**

Dominic HEANEY

**Department**

Name	Address	Phone
DCH02 - Neurology	Basil Samuel Outpatients, Ground Floor, Chandler Wing, National Hospital for Neurology and Neurosurgery, Queen Square London WC1N 3BG	020 3448 8625

**Medication List**

---

**Medication List**

This visit is during an admission. Changes to the med list made in this visit will be reflected in the After Visit Summary of the admission.

**Clinical Notes**

---

**Progress Notes**

**Dominic HEANEY at 21/7/2021 12:32**

---

I have now been able to review the radiology together with the neuro-radiology team: their final report is on the system.

She has developed brain swelling (parenchymal swelling), which has been complicated by tonsillar herniation and consequent severe injury to the brain stem.

The sequence of scans suggest that this has not been caused by cerebral venous thrombosis - in particular the first scan did not show any changes consistent with thrombosis - and the differential diagnosis includes viral infection or possibly a drug effect.

Unfortunately, the radiology supports the view that Gaia has suffered a very severe brain injury from which there is no prospect of survival. In the unlikely circumstance that survival were to occur, based on clinical and other grounds, Gaia would be very likely to be in a persistent vegetative state.

I recommend she proceeds to brain stem testing to make a formal diagnosis of brain death.

An autopsy and detailed toxicology would be appropriate to determine the diagnosis.<sup>[DH.1M]</sup>

Electronically signed by Dominic HEANEY at 21/7/2021 12:40

**Attribution Key**

DH.1 - Dominic HEANEY on 21/7/2021 12:32  
M - Manual

UNIVERSITY COLLEGE HOSPITAL CAMPUS  
University College Hospital Campus  
235 Euston Road  
London  
NW1 2BU

YOUNG, GAIA Inigo  
MRN: 21365083, DOB: 4/3/1996, Sex: F  
Visit date: 21/7/2021

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**21/07/2021 - Documentation in DCH02 - Neurology (continued)**

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**Clinical Notes (continued)**

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**21/07/2021 - Appointment in UCH Tower Lower Gnd Floor X-ray Department**

**Visit Information**

**Appointment Information**

**CHEST XR** **Completed**  
 21/7/2021 22:20

Time	Provider	Department	Length
22:20	UCH MOB1	UCH T-1 XRAY	5 min

Referral Clinician: SOFAT, REECHA      Arrival Time: 22:18  
 Enc Form Number: 2867047

**History**

Made On:	21/7/2021 22:18	By:	Jaina KERAI	RIS
Checked In:	21/7/2021 22:18	By:	Jaina KERAI	ES
EOD Status:	23/7/2021 01:18	By:	Cadence, Batch Job	ES

**Medication List**

**Medication List**

Cannot display patient medication because the patient has not yet been checked in.

**Imaging**

**Imaging**

**XR Chest (Final result)**

Electronically signed by: **Declan CRILLY on 21/07/21 22:00** Status: **Completed**  
 This order may be acted on in another encounter.  
 Ordering user: Declan CRILLY 21/07/21 22:00      Ordering clinician: Declan CRILLY  
 Authorised by: Reecha SOFAT      Ordering mode: Standard  
 Frequency: Urgent Once 21/07/21 22:01 - 1 occurrence      Class: Hospital Performed  
 Quantity: 1      Lab status: Final result  
 Instance released by: Declan CRILLY (auto-released) 21/7/2021 22:01

**Questionnaire**

Question	Answer
Mobile examination?	No
What is your team contact number?	70301
Clinical indications:	Pre organ harvest CXR
NHS or private patient?	1 NHS Patient

**End Exam Questions**

	Answer	Comment
Patient made aware of use of ionising radiation?	Yes	
kVp	95	x3
mAs	2.5	x3
DAP Reading	0.4	x3
DAP Units	dGycm2	
Was this examination performed as a mobile?		

**XR Chest**

Resulted: 28/07/21 12:33, Result status: Final result

**21/07/2021 - Appointment in UCH Tower Lower Gnd Floor X-ray Department (continued)**

**Imaging (continued)**

Ordering clinician: Declan CRILLY 21/07/21 22:01  
Resulted by: Everlight Radiologist RADIANT  
Performed: 21/07/21 22:55 - 21/07/21 22:56  
Resulting lab: IMAGING  
Narrative:  
X-RAY AP chest

Order status: Completed  
Filed by: Interface, Radiology Results In 28/07/21 12:33  
Accession number: RRV2107080

**FINDINGS**

The lung fields and pleural spaces appear clear.

Electronically signed by:

Dr Keith Blanshard  
Consultant Radiologist  
GMC: 2688808  
Everlight Radiology

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

Resulted: 21/07/21 22:55, Result status: In process

**XR Chest**

Ordering clinician: Declan CRILLY 21/07/21 22:01  
Resulted by: Everlight Radiologist RADIANT  
Performed: 21/07/21 22:55 - 21/07/21 22:56  
Resulting lab: IMAGING

Order status: Completed  
Filed by: Jaina KERALI 21/07/21 22:55  
Accession number: RRV2107080

**Testing Performed By**

Lab - Abbreviation	Name	Director	Address	Valid Date Range
22 - IMG	IMAGING	Unknown	Unknown	16/07/14 19:11 - Present

**22/07/2021 - Appointment in UCH Cardiology Diagnostic Testing Department**

**Visit Information**

**Appointment Information**

**IP TRANSTHORACIC ECHO (TTE)** **Completed**  
 22/7/2021 11:00

Time	Provider	Department	Length
11:00	UCH PORTABLE ECHO	UCH CARDIOLOGY	40 min

Referral Clinician: SOFAT, REECHA Arrival Time: 09:40  
 Enc Form Number: 2868544

**History**

Made On:	22/7/2021 09:10	By:	Mariam CHRYSZELLE BATAY	RIS
Changed:	22/7/2021 09:13	By:	Mariam CHRYSZELLE BATAY	ES
Checked In:	22/7/2021 09:40	By:	Mariam CHRYSZELLE BATAY	ES
Remove Arr.:	23/7/2021 03:40	By:	Ramen CHENGEBROYEN, RN	MR
Checked Out:	23/7/2021 11:07	By:	Veronica HENRY	ES

**Changes**

22/7/2021 09:13

Change reason: Shuffle

Old Appointment:	New Appointment:
Visit Type: IP TRANSTHORACIC ECHO (TTE)	Visit Type: IP TRANSTHORACIC ECHO (TTE)
Provider: UCH PORTABLE ECHO	Provider: UCH PORTABLE ECHO
Dept: UCH CARDIOLOGY [1020100081]	Dept: UCH CARDIOLOGY [1020100081]
Date: 22/7/2021	Date: 22/7/2021
Time: <b>09:15</b>	Time: <b>11:00</b>
Length: 40	Length: 40

**Medication List**

**Medication List**

Cannot display patient medication because the patient has not yet been checked in.

**Imaging**

**Echocardiography**

**Transthoracic Echo (TTE) (Final result)**

Electronically signed by: **Livia GOTTARDI on 20/07/21 12:37** Status: **Completed**

This order may be acted on in another encounter.

Ordering user: Livia GOTTARDI 20/07/21 12:37

Ordering clinician: Livia GOTTARDI

Authorised by: Reecha SOFAT

Ordering mode: Standard

Frequency: Routine Once 20/07/21 12:35 - 1 occurrence

Class: Hospital Performed

Quantity: 1

Lab status: Final result

Instance released by: Livia GOTTARDI (auto-released) 20/7/2021 12:37

**Questionnaire**

Question	Answer
Where should this be performed? (UCH and NHNN only)	Departmental
Is contrast required?	No
Is this a Haemoglobinopathy patient?	No
Is a bubble study required?	No
Could this study be focused?	No

**22/07/2021 - Appointment in UCH Cardiology Diagnostic Testing Department (continued)**

**Imaging (continued)**

Select Appointment Type	Planned for specific date for clinical reasons
Specify date – appointment will be made for nearest date possible, if there are specific circumstances specify in comments	24/7/2021
Flexibility of appointment date	Exact date
NHS or private patient?	1 NHS Patient
Is this order/referral related to a different diagnosis or problem than that being addressed in current appointment/admission? (If 'Yes' a new 18 week RTT pathway will be triggered)	No
Intended Management?	Inpatient
Admit to ward prior to procedure?	No Comment - patient will be admitted
Does this need to be coordinated with other investigations or an admission?	No
Clinical indications:	ICU patient admitted with low GCS and derranged electrolytes, x2 episodes torsade de point on ward requiring 1 shock each. prolonged QTc whihc has now resolved. ECHO on 19/07 showed a large area of wall motion abnormality with EF 40-45%. stepdown today
How can the patient travel to the department?	Bed with Oxygen
What is your team contact number?	70302

**Begin Exam Questions**

	Answer	Comment
Is this a 'Late Effect' patient?	No	
Has verbal consent been obtained?	No	patient intubate, NOD informed
Has a chaperone been offered?	Yes	
Has hand hygiene been performed?	Yes	

**End Exam Questions**

	Answer	Comment
Has the computer station, couch, probe and ECG cables been cleaned using green clinell wipes after the procedure?	Yes	
Has hand hygiene been performed?	Yes	
Has the Images been sent to PACs?	Yes	
Approximate length of exam	10	
Which Machine was this procedure performed on?	UCH CV S70-1	

Resulted: 22/07/21 11:46, Result status: Final result

**Transthoracic Echo (TTE) (Abnormal)**

Ordering clinician: Livia GOTTARDI 20/07/21 12:37  
Resulted by: Mariam CHRYSZELLE BATAY  
Performed: 22/07/21 11:44 - 22/07/21 11:46  
Resulting lab: CPACS

Order status: Completed  
Filed by: Mariam CHRYSZELLE BATAY 22/07/21 11:55  
Accession number: RRV2107288

**Narrative:**

1. Normal biventricular sizes and systolic functions.  
Visual estimated LVEF>60%. No obvious RWMA of the LV.
2. Normal biatrial sizes.
3. No significant valvulopathy.
4. No pericardial effusion.

**Components**

Component	Value	Reference Range	Flag	Lab
FS	30	28 - 44 %	—	—
IVS	1.05	0.60 - 1.10 cm	—	—
LV mass	134.33	g	—	—
LVIDD	3.79	0.95 - 1.30 cm	—	—
LVIDS	2.65	0.57 - 0.85 cm	—	—

**22/07/2021 - Appointment in UCH Cardiology Diagnostic Testing Department (continued)**

**Imaging (continued)**

LVISD Index	1.83	cm/m2	—	—
LV PW	1.15	0.60 - 1.10 cm	A †	—
SV index ml/m2 (Teich)	24.75	ml/m2	—	—
SV ml (Teich)	35.89	ml	—	—
HR	119.92	1/min	—	—
LVOT peak grad	5.21	mmHg	—	—
LVOT peak vel	1.14	m/s	—	—
LVOT peak VTI	13.58	cm	—	—
LA Size	2.01	cm	—	—
RA area	9.13	cm2	—	—
Ao peak gradient	5.31	mmHg	—	—
Ao peak vel	1.15	m/s	—	—
RV TAPSE (TV annulus)	1.93	cm	—	—
RVD1	3.20	cm	—	—
RVD2	2.74	cm	—	—
MV septal s'	0.11	m/s	—	—
MV lateral s'	0.12	m/s	—	—
RA Area Index	6.30	no units	—	—
LA volume	17.00	ml	—	—
Velocity Ratio (V1/V2)	0.99	—	—	—
LA Area	8.60	cm2	—	—
ZLVIDD	12.27	—	—	—
ZLVIDS	10.64	—	—	—

**Procedures Performed**

**Billables**

TRANSTHORACIC ECHO (TTE) FOCUSED [ECH100]

Resulted: 22/07/21 11:45, Result status: In process

**Transthoracic Echo (TTE)**

Ordering clinician: Livia GOTTARDI 20/07/21 12:37  
 Resulted by: Mariam CHRYSZELLE BATAY  
 Performed: 22/07/21 11:44 - 22/07/21 11:46  
 Resulting lab: CPACS

Order status: Completed  
 Filed by: Dicom, Background User 22/07/21 11:40  
 Accession number: RRV2107288

**Components**

Component	Value	Reference Range	Flag	Lab
FS	30	28 - 44 %	—	—
IVS	1.05	0.60 - 1.10 cm	—	—
LV mass	134.33	g	—	—
LVIDD	3.79	3.50 - 6.00 cm	—	—
LVIDS	2.65	2.10 - 4.00 cm	—	—
LVISD Index	1.83	cm/m2	—	—
LV PW	1.15	0.60 - 1.10 cm	A †	—
SV index ml/m2 (Teich)	24.75	ml/m2	—	—
SV ml (Teich)	35.89	ml	—	—
HR	119.92	1/min	—	—
LVOT peak grad	5.21	mmHg	—	—
LVOT peak vel	1.14	m/s	—	—
LVOT peak VTI	13.58	cm	—	—
LA Size	2.01	cm	—	—
RA area	9.13	cm2	—	—
Ao peak gradient	5.31	mmHg	—	—
Ao peak vel	1.15	m/s	—	—
RV TAPSE (TV annulus)	1.93	cm	—	—
RVD1	3.20	cm	—	—
RVD2	2.74	cm	—	—
MV septal s'	0.11	m/s	—	—
MV lateral s'	0.12	m/s	—	—
RA Area Index	6.30	no units	—	—

**22/07/2021 - Appointment in UCH Cardiology Diagnostic Testing Department (continued)**

**Imaging (continued)**

**Procedures Performed**

**Billables**

TRANSTHORACIC ECHO (TTE) FOCUSED [ECH100]

**Myocardial Findings**

Left Ventricle	Normal cavity size. Normal wall thickness. Visually well-maintained LVEF in context of tachycardic HR. Visual EF>60% No regional wall motion abnormalities. Unable to assess the diastolic function.
Right Ventricle	Normal cavity size. Right ventricular function is normal.
Left Atrium	Normal cavity size as measured by area.
Right Atrium	Normal cavity size as measured by area.
IVC/SVC	Inferior vena cava is not well visualised.
Mitral Valve	Normal valve structure. Normal mitral leaflet mobility. No regurgitation. No stenosis.
Tricuspid Valve	Normal valve structure. Normal tricuspid leaflet mobility. No stenosis. Trace regurgitation.
Aortic Valve	Not well-visualised but no doppler evidence of stenosis.
Pulmonic Valve	The pulmonic valve was not well visualised.
Ascending Aorta	The aorta was not well visualised.
Pericardium	No pericardial effusion.

**Signed**

Electronically signed by Mariam CHRYSZELLE BATAY on 22/7/21 at 11:55 BST

UNIVERSITY COLLEGE HOSPITAL CAMPUS  
University College Hospital Campus  
235 Euston Road  
London  
NW1 2BU

YOUNG, GAIA Inigo  
MRN: 21365083, DOB: 4/3/1996, Sex: F  
Visit date: 22/7/2021

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**22/07/2021 - Orders Only in UCH Tower 3rd Floor Intensive Care Unit**

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**Visit Information**

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**Clinician Information**

**Encounter Provider**

Tamara VEGA

**Department**

<b>Name</b>	<b>Phone</b>
UCH Tower 3rd Floor Intensive Care Unit	020 344 70300

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**Medication List**

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**Medication List**

This visit is on the same day as an admission, and a visit start time could not be determined. If the visit took place after discharge, manually review the med list with the patient.

UNIVERSITY COLLEGE HOSPITAL CAMPUS  
University College Hospital Campus  
235 Euston Road  
London  
NW1 2BU

YOUNG, GAIA Inigo  
MRN: 21365083, DOB: 4/3/1996, Sex: F  
Visit date: 22/7/2021

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**22/07/2021 - Documentation in UCH Tower 3rd Floor Intensive Care Unit**

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**Visit Information**

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**Clinician Information****Encounter Provider**

Tamara VEGA

**Department****Name****Phone**

UCH Tower 3rd Floor Intensive Care Unit    020 344 70300

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**Medication List**

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**Medication List**

This visit is during an admission. Changes to the med list made in this visit will be reflected in the After Visit Summary of the admission.

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**23/07/2021 - Pharmacy Visit in UCH Inpatient Pharmacy**

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**Visit Information**

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**Department**

**Name**

UCH Inpatient Pharmacy

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**Medication List**

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**Medication List**

This visit is on the same day as an admission, and a visit start time could not be determined. If the visit took place after discharge, manually review the med list with the patient.