

The Faculty of Intensive Care Medicine

ICM Unit Brief

Part 1 Hospital Details

1.1 Hospital name

Aintree University Hospital – Liverpool University Hospitals NHS Foundation Trust

1.2 Full address (you **must** include postcode)

Lower Lane
Liverpool
L9 7AL

1.3 Hospital Telephone number

0151 5255980

Part 2 ICU Department contact details

2.1 Direct telephone number to Department

0151 5292373

2.2 Faculty Tutor name

Dr Will Angus

2.3 Faculty Tutor Email address

william.angus@liverpoolft.nhs.uk

Part 3 Unit Structure

3.1 Number of Beds

26

3.2 Number of admissions

1250

3.3 Percentage of elective vs emergency admissions

Elective = 20%

3.4 Overview of case mix within the unit

Mixed medical & surgical unit.

Elective admissions include: major head & neck surgery (tertiary centre), vascular surgery (tertiary centre) and orthopaedics.

Aintree is the regional Major Trauma Centre and is the single receiving site for Major Trauma within the Cheshire & Mersey MT Network.

3.5 Names of Consultants, roles and areas of interest

Name	Role (eg clinical lead, consultant)	Areas of interest
Dr Lindsay Ayres	Consultant ICM/Anaesthesia	Clinical Director for Critical Care
Dr Tim Astles	Consultant ICM/Anaesthesia	Major Trauma Lead for Critical Care, Clinical Governance Lead, Educational Supervisor
Dr Will Angus	Consultant ICM/Anaesthesia	Postgraduate Education Lead for ICU, Faculty Tutor, Educational Supervisor, FUSIC heart mentor
Dr Eoghan O'Callaghan	Consultant ICM/Anaesthesia	Consultant Appraiser, Educational Supervisor
Dr Tristan Cope	Consultant ICM	Trust Mortality Lead
Dr Chris Grant	Consultant ICM	Medical Director NWS
Dr Ben Morton	Consultant ICM	Trust ICU Research Lead LTSM Senior Clinical Lecturer Editor for Anaesthesia Journal
Dr Shankara Nagaraja	Consultant ICM/Anaesthesia	
Dr Robert Parker	Consultant ICM/Respiratory Medicine	IPC lead, Educational Supervisor
Dr Jenny Rodrigues	Consultant ICM/Anaesthesia	Consultant Appraiser, Educational Supervisor
Dr Lauren Ruff	Consultant ICM/Anaesthesia	Educational Supervisor, FUSIC heart mentor
Dr Jane Snell	Consultant ICM/Anaesthesia	Rehab and ICU Follow-up Lead, Educational Supervisor, Consultant Appraiser
Dr Sash Selladurai	Consultant ICM/Anaesthesia	Mortality Lead, Educational Supervisor
Dr Jack Wong	Consultant ICM/Acute Medicine	Integration/IT lead, Educational Supervisor
Dr Barbara Borgatta	Consultant ICM	QIP and Audit Lead, ICNARC Lead, FUSIC heart mentor
Dr Dan Macadie	Consultant ICM	Undergraduate Education Lead for ICU

3.6 Details of research projects being undertaken within the unit

ADAPT – National study. Patients treated for suspected sepsis randomised to various forms of biomarker guided decision making for antibiotic continuation/cessation.

GenOMICC - whole genome sequencing for patients with severe COVID requiring ITU admission.

UKROX – Multi-centre randomised controlled trial comparing conservative vs standard oxygen saturation targets.

MARCH – Multi-centre randomised controlled trial looking at mucoactive agents in ventilated patients with respiratory failure.

CANDIRES – Multi-centre surveillance study investigating candida infection.

iRehab – Multi-centre RCT investigating a post-ICU intensive rehab programme.

Consultant working pattern:

Two Consultants "Week about" 08:00-18:00 Monday-Thursday

Additional Third Consultant 0800-20:00 Monday-Friday

Separate on-call Consultant starts at 17:00 and covers through to following morning 09:00 Saturday-Sunday

Two Consultants: One working 08:00-18:00, One on call working 24 hours

Consultants are resident while on-call

Trainee working pattern:

1:7 long day shifts, 1:7 night shifts. 3:14 weekends.

Additional short days as well as above on-call shifts.

4.1 Details of training opportunities on the unit

Twice daily Consultant ward rounds with bedside teaching

Resident Consultant allowing out of hours training

Initial assessment of critically ill and deteriorating patients through Critical Care referrals and Medical Emergency Team referrals

Daily Consultant microbiologist ward round

Post ICU follow up clinic

Critical Care Outreach Team

Theatre sessions arranged for non-anaesthetic trainees at request

Procedures: tracheostomy, bronchoscopy, central venous catheters and haemofiltration lines, arterial lines, chest drains, lumbar punctures, intubation

Organ support: Respiratory support including NIV & CPAP, Cardiac Output monitoring (PiCCO), Renal Replacement Therapy, ICP monitoring

Echo: FUSIC heart accredited trainers plus integration with Echo department for final assessments

Major Trauma specialist interest days

Weekly trainee teaching programme with weekly journal club

In situ simulation training

Weekly Radiology Teaching

Monthly audit and M&M meetings

Attendance at the regional Critical Care Teaching Programme encouraged

4.2 Details of departmental teaching days

Tuesday am: Radiology teaching
Wednesday pm: ITU trainees teaching programme & journal club (delivered by Consultant/Senior allied health professional)

4.3 Details of clinical governance meetings and / or M & M

Monthly M&M meetings – review of all deaths from previous month, case presentations and other educational presentations of relevance
Monthly Audit meetings
Monthly Clinical Governance meetings

4.4 Number of trainees on each tier of the rota

2 airway trainees (one from senior tier and one from junior tier) plus 2 non-airway long day trainees. Usually 7 WTE trainees on each airway rota and 14 WTE trainees on non-airway rota.