

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 Lauren Ruff

2.3 Faculty Tutor Email address

lauren.ruff@liverpoolft.nhs.uk

Part 3 Unit Structure

3.1 Number of Beds

23

3.2 Number of admissions

1150

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), hepatobiliary surgery (tertiary centre), colorectal, & endocrine surgery.
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	Clinical Director for Critical Care, Consultant ICM/Anaesthesia	
Dr Tim Astles	Consultant ICM/Anaesthesia	Major Trauma Lead for ITU, Clinical Governance Lead, Educational Supervisor
Dr Eoghan O'Callaghan	Consultant ICM/Anaesthesia	Undergraduate Co-lead, Consultant Appraiser
Dr Tristan Cope	Consultant ICM	Trust Lead for Clinical Services
Dr Chris Grant	Consultant ICM	Medical Director NWAS
Dr Ben Morton	Consultant ICM	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
Dr Lauren Ruff	Consultant ICM/Anaesthesia	Postgraduate lead for education and Faculty Tutor, Educational Supervisor, FICE mentor
Dr Jane Snell	Consultant ICM/Anaesthesia	Rehab and follow-up Lead, Educational Supervisor, Consultant Appraiser
Dr Sash Selladurai	Consultant ICM/Anaesthesia	Mortality Lead, Sim Instructor, Educational Supervisor
Dr Jack Wong	Consultant ICM/Acute Medicine	Undergraduate Co-lead, Integration/IT lead
Dr Barbara Borgatta	Consultant ICM	QIP and audit Lead, ICNARC Lead, FICE mentor

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.

FLO-ELA – national study looking at fluid optimisation in emergency laparotomies comparing usual care and cardiac monitoring guided fluids.

PQIP – national study looking collecting data on major surgery to measure and improve patient's perioperative outcome.

Soon to open:

HEMOTION – transfusion threshold in traumatic brain injury.

MARCH – pharmacological vs usual care for thick secretions on ICU.

3.7 How is the unit staffed

Consultant working pattern:
 2x Consultants 08:00-18:00 (week split Monday-Thursday)
 Separate on-call Consultant starts at 17:00 and covers through to following morning 09:00
 2x Consultants 08:00–18:00 or 08:00-09:00 (Friday-Sunday)
 Consultants resident while on-call

Trainee working pattern:
 1:7 long day shifts, 1:7 night shifts. 3.4:14 weekends.
 Additional short days as well as above on-call shifts.

Senior Clinical Fellow: shift pattern mirrors Consultant pattern (technically supernumerary)

Part 4

Training

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
 Procedures: early tracheostomy, bronchoscopy, CVC, arterial lines, chest drains, lumbar punctures
 Organ support: Respiratory support including NIV & CPAP, Cardiac Output monitoring (PiCCO), Renal Replacement Therapy, ICP monitoring
 Echo: FICE accredited trainers
 Major Trauma specialist interest days
 Weekly rotating trainees teaching programme
 In situ simulation training
 Weekly Journal Club
 Weekly Radiology Teaching
 Monthly audit and M&M meetings
 Attendance at the regional monthly 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 – themed meeting with patient cohort reviews, review of all deaths from previous month, case presentations
 Monthly Audit meetings
 Monthly Clinical Governance meetings

4.4 Number of trainees on each tier of the rota

One airway long day trainee, 2 non-airway long day trainees. Usually 7-8 trainees on airway rota and 15 trainees on non airway rota.