

# The Faculty of Intensive Care Medicine

## ICM Unit Brief

### Part 1 Hospital Details

#### 1.1 Hospital name

Sunderland Royal Hospital (South Tyneside and Sunderland NHS Foundation Trust)

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

Kayll Road  
Sunderland  
SR4 7TP

#### 1.3 Hospital Telephone number

01915656256

### Part 2 ICU Department contact details

#### 2.1 Direct telephone number to Department

0191 565 6256 ext 42446

#### 2.2 Faculty Tutor name

Dr Jim Coates

#### 2.3 Faculty Tutor Email address

jim.coates@nhs.net

### Part 3 Unit Structure

#### 3.1 Number of Beds

18 beds

#### 3.2 Number of admissions

855

#### 3.3 Percentage of elective vs emergency admissions

228 Elective admissions (27%). 627 Emergency admissions (73%).

#### 3.4 Overview of case mix within the unit

Mixed surgical and medical admissions.

Medical specialties include: Cardiology (24hr PCI service), Respiratory medicine, Nephrology, Gastroenterology, Endocrinology, Haematology, Neurology and Care of the Elderly.

Surgical specialities include: ENT, Maxillo-Facial, Upper Gastro-intestinal, Lower Gastro-Intestinal, Bariatric,

Robotic, Urological, Trauma and Orthopaedics.

### 3.5 Names of Consultants, roles and areas of interest

<b>Name</b>	<b>Role (eg clinical lead, consultant)</b>	<b>Areas of Interest</b>
Matt Brandwood	Consultant in Anaes and ICM. Trainee Rotamaker. ES.	Education
Mark Carpenter	Consultant in Anaes and ICM. Deputy Undergraduate Programme Lead, University of Sunderland School of Medicine. SFHEA. Clinical Governance and Complaints Lead.	Education
Jim Coates	Consultant in Anaes and ICM. Faculty Tutor for ICM. CCOT Medical Lead. ACCP Lead. ES.	Education, Research
Peter Evans	Consultant in Anaes and ICM. Transfer Lead. Morbidity and Mortality Lead. ES. Consultant rotamaker.	Diving Medicine
Peter Hersey	Clinical Co-director. Clinical Lead for Organ Donation. FICM board member. ES.	Healthcare Management and Leadership. Patient Safety
Gary Lear	Consultant in Anaes and ICM. Head of School: Northern School of Anaesthesia and Intensive Care Medicine, Critical care Obstetrics lead, FRCA Examiner, ES	Obstetric Critical care
Claire Leech	Consultant in Anaes and ICM. Emergency Trauma & Paediatric Stabilisation Lead. ES.	Paediatric resuscitation
Paul McAndrew	Consultant in Anaes and ICM. Deputy Medical Director. ICM Equipment and Technology lead. Pharmacy Lead. Nutrition Lead. Caldicott Guardian.	IT application in Critical care. Healthcare Management and Leadership
Laura O'Connor	Consultant in Anaes and ICM. ICM Renal Replacement therapy (RRT) Lead. ICU Airway Lead. Trust tracheostomy and laryngectomy working group member. ES.	Renal Replacement Therapy
Elaine Rodger	Consultant in Anaes and ICM. Recovery after critical illness (RaCi) lead. End of life Care(EoLC) Lead.	End of life care in Critical Care.

	ES.	
Anthony Rostron	Honorary Consultant, Newcastle University appointed research fellow (BSc, MRes and PhD supervision). Leads NIHR portfolio research. Audit Lead. Transfusion Lead. ES. Consultant in Anaes and ICM. NIHR NENC specialty group lead and National Experimental Medicine Group member.	Research (interest in innate immune response and immune modulation in critical illness)
Alistair Roy	Consultant in Anaes and ICM. Deteriorating Patient Recognition Group Lead, Infection Control Lead. ES.	Research, Infection Control

### 3.6 Details of research projects being undertaken within the unit

Primary research with Newcastle University (Prof Simpson) facilitated, delivered and conceived by Dr Rostron (Innate immune response to critical illness and its modulation, including use of human LPS challenge models). Two band 6 embedded critical care research nurses.  
NIHR portfolio critical care studies: REALIST, PHIND, ADAPT-sepsis, RISC-sepsis, UK-ROX, GenOMICC, REMAP-CAP Influenza, INNATE, MARCH

### 3.7 How is the unit staffed?

Two ICM consultants on duty Monday through Friday. One ICM Consultant on weekend days. 24 hour Consultant Intensivist cover.

Trainee rota is made up of 12 trainees/TG/fellow from the Foundation programme, Intensive Care Medicine (stage 1-3), Acute Care Common Stem, Anaesthesia, Acute Medicine, Respiratory Medicine and Internal Medicine training programmes. This ensures 2 trainees on duty at all times meeting GPICS standards. One Trust Grade doctor. One Educational Fellow doctor.

Two daily wards rounds. True multi-disciplinary morning ward round comprising of:- two Consultant Intensivists, Consultant Microbiologist, Senior ICU Pharmacist, Senior Physio, Dietician, Trainee doctors, Nurse-in-Charge, bedside nurse.

Trainee ACCP program started February 2023.

Nursing in accordance with GPICS standards.

**Part 4****Training****4.1 Details of training opportunities on the unit**

- Daily multidisciplinary ward rounds, including dietetics, physiotherapy and microbiology
- Embedded simulation suite in ICU side room
- Bespoke ICCU education website – induction webinars, ICU user guides, online tutorials, ICU specific curriculum requirements for 7 training programmes, local and regional wellbeing and coaching links
- Daily trainee led consultant facilitated teaching sessions
- FICE Echo training under the supervision of a registered mentor
- Active audit and research programme – including primary research conducted on the unit.
- Opportunity to become Associate-Principle Investigator for several NIHR Portfolio clinical trials.
- Opportunities for undergraduate teaching and postgraduate teaching
- Critical Care follow up clinics
- NHS management sessions with clinical director and ICM clinical leads
- Stage 3 ICM trainees are supernumerary to resident rota. They function at consultant level and do ‘consultant on-calls’ (with support from named Consultant).

**4.2 Details of departmental teaching**

Daily tutorials  
 Simulation training  
 Ward rounding – multi-disciplinary with Consultant microbiologist, dietician and pharmacist  
 Trainee led ward rounds  
 Monthly audit/journal club meeting  
 Monthly M&M / ICCU business meeting

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

Monthly Clinical Governance meeting  
 Monthly Morbidity and Mortality  
 MDT ICCU business meeting  
 ICNARC update meeting  
 Monthly Consultant meeting  
 Monthly audit/journal club meeting  
 All meetings above combined into one half day monthly session.

**4.4 Number of trainees on each tier of the rota**

2 tiers of 6 trainees. Stage 3/Advanced ICM trainees participate in the ICM consultant on call rota and are supervised in an “acting up” consultant role.