

The Faculty of Intensive Care Medicine

ICM Unit Brief

Part 1 Hospital Details

1.1 Hospital name

Nottingham University Hospitals

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

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| Critical Care Department | Nottingham City Hosp |
| Queens Medical Centre or | Hucknall Road |
| Derby Road | Nottingham |
| Nottingham | NG5 1PB |
| NG7 2UH | |

1.3 Hospital Telephone number

01159249924 or 01159691169

Part 2 ICU Department contact details

2.1 Direct telephone number to Department

As above then ext. 66241

2.2 Faculty Tutor name

Dr Gurmukh Sandhu (QMC)
Dr Richard Sherman (City)

2.3 Faculty Tutor Email address

Gurmukh.sandhu@nuh.nhs.uk
Richard.Sherman@nuh.nhs.uk

Part 3 Unit Structure

3.1 Number of Beds

46 Level 3 & 20 Level 2 Beds

3.2 Number of admissions

2167 admission in the 6 months from Apr 22 to Oct 22

3.3 Percentage of elective vs emergency admissions 2021

Around 23% (499) of admission were elective admissions for the 6 months from Apr 22 to Oct 22

3.4 Overview of case mix within the unit

Elective surgical, major trauma, neuro-surgical, HPB elective and emergency, neurological, ENT, maxillo-facial surgery, renal, haematology and oncology, burns, thoracics, upper-GI surgery, orthopaedics, spinal injury and spinal surgery patients, vascular surgery, obstetrics and gynaecology, urology, respiratory, cardiology.

3.5 Names of Consultants, roles and areas of interest

| Name | Role (eg clinical lead, consultant) | Areas of Interest |
|----------------------|--|---|
| Dr Katherine Fifield | Consultant ICM and Anaesthesia Lead for Wellbeing in Critical Care | |
| Dr Thearina de Beer | Consultant ICM and Anaesthesia Clinical Director for Acute Care Pathway Deputy Divisional Director for Clinical Support Dep Lead Medical Examiner NUH ICS Legal and Ethical Advisory Group | Medical Law Delirium Neurocritical Care |
| Dr Dale Gardiner | Consultant ICM Chair, Ethics of Clinical Practice Committee, NUH National Clinical Lead for Organ Donation, NHSBT Chair, National Organ Donation Committee Board Member FICM | ABG Death Ethics |
| Dr Paul Candler | Consultant ICM & EM Rota lead Educational/Clinical supervisor FICE Mentor Appraiser Lead for Resuscitation Fellowship PI for SOS Trial | Emergency medicine |
| Dr Richard Greenhow | Consultant ICM & Renal Medicine Audit Lead | |

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| | Lead for Clinical Information System Implementation | |
| Dr Daniel Harvey | <p>Consultant ICM</p> <p>National Lead for Innovation and Research in Organ Donation</p> <p>Research Lead for Critical Care NUH</p> <p>Deputy Speciality Lead for Critical Care – NIHR East Midlands</p> <p>Vice Chair for Communications, National Critical Care Speciality Group NIHR</p> <p>Professional Standards Committee member – FICM</p> <p>Standards and Quality Committee at ICS</p> <p>RCoA Quality, Audit & Research Lead for NUH</p> <p>Honorary Assistant Professor of Intensive Care Medicine – University of Nottingham</p> | <p>Research – respiratory physiology, research ethics, applied technologies in ICM, organ donation, neuroICM</p> <p>Medical Ethics</p> <p>Organ Donation</p> |
| Dr Ian Johnson | <p>Consultant ICM and Anaesthesia</p> <p>Head of Service for Adult Critical Care</p> <p>Surge planning lead</p> | <p>Trauma</p> <p>Neurocritical care</p> |
| Dr David Sperry | <p>Consultant ICM</p> <p>Governance Lead</p> <p>ICNARC lead</p> <p>Microbiology and infection lead</p> | <p>HDU care</p> <p>Medical statistics and cost analysis</p> |
| Dr Christine Watson | <p>Consultant ICM and Anaesthetics</p> <p>Consultant appraiser</p> <p>ACCP Lead</p> | <p>End of life</p> <p>Failure to rescue</p> <p>Advanced communication</p> |
| Dr Andrew Sharman | Consultant ICM | Renal |

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| | <p>Examiner MRCP Paces</p> <p>Examiner FICM</p> <p>Lead Regional Advisor for ICM</p> <p>Regional Advisor ICM – East Midlands</p> <p>FICE Mentor</p> <p>Educational/Clinical Supervisor</p> <p>ATLS Director</p> <p>Consultant Appraiser</p> <p>Antibiotic Lead</p> <p>MSG Chairman</p> | <p>Trauma</p> <p>Microbiology</p> <p>Sport</p> <p>Sleep Medicine</p> |
| Dr Marc Chikhani | <p>Consultant ICM and anaesthetics</p> <p>Trust Sepsis Lead</p> | Research |
| Dr Paul James | <p>Consultant ICM and Anaesthesia</p> <p>FICE mentor</p> <p>Clinical supervisor</p> | <p>Ultrasound</p> <p>Echocardiography</p> <p>Delirium</p> |
| Dr Gareth Gibbon | <p>Consultant ICM and Anaesthetics</p> <p>Quality improvement lead</p> <p>Airway lead</p> <p>Clinical/educational supervisor</p> | Systems and improvement |
| Dr Natasha Lee | <p>Consultant ICM /Anaesthesia</p> <p>Deputy Head of Service for Adult Critical Care</p> | |
| Dr Mark Simmonds | <p>Consultant ICM</p> <p>Divisional Director Medicine</p> <p>Clinical Advisor to ICT</p> | <p>Failure to Rescue</p> <p>Sepsis</p> <p>Pre-icu service improvement</p> <p>Patient safety</p> <p>Clinical leadership/management</p> |
| Dr Victoria Banks | <p>Consultant ICM and Anaesthetics</p> <p>Governance lead level 2</p> | Pre AICU surgical care |

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| | FICE co lead | |
| Dr Allan Howatson | Consultant ICM and Anaesthetics TPD for ICM – East Midlands FRCA Primary Examiner Tracheostomy lead NUH ACCP educator/supervisor Clinical and Educational Supervisor | Ancillary testing in brain death Severe respiratory failure Tracheostomy |
| Dr Mark Ehlers | Consultant ICM and Anaesthetics Director of Medical Education FICM examiner Consultant Appraiser | |
| Dr Richard Sherman | Consultant ICM and Anaesthetics Faculty Tutor for ICM FICE Mentor Clinical Supervisor Educational Supervisor Critical Illness Attachment (Medical Student) Supervisor | Ventilation, weaning, focused echo, thoracic ultrasound, thoracic anaesthesia /one-lung ventilation, CO monitoring |
| Dr Ndu Okonkwo | Consultant ICM and Anaesthetics Rehab lead at NCH Thoracic Anaesthesia Liason For Critical care | Critical Care Rehab Analgesia for Thoracic Surgery Inotropes and Vasopressors |
| Dr Martin Beed | Consultant ICM and Anaesthetics Equipment lead Hon Assistant Professor ICM-UoN University school of life sciences ethics committee Research & Innovation Co-lead, | Burns Resuscitation Haematology/Oncology Critical care Infections and critical illness |

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| | Clinical Support Division LNC member | |
| Dr Adam March | Consultant ICM and Anaesthetics | |
| Dr Steven Gill | Consultant ICM and Anaesthetics Simulation Lead Guardian of safe working ACCP educator/supervisor Clinical Lead for Organ Donation | Airway Management in Critical Care Ventilation Oncology OOHCA care |
| Dr Steve Cantellow | Consultant ICM and Anaesthetics ACCOTS Coordinator/ Transfer Consultant Maternity critical care lead MBRRACE Assessor Out of Hours QI Lead FICE Mentor | Maternal Critical Care Transfer Medical Workforce Human Factors |
| Dr Sarah Linford | Consultant ICM and Anaesthesia Clinical/Educational Supervisor Rehabilitation and follow up lead Appraiser | Weaning Tracheostomies |
| Dr James Bonnington | Consultant ICM and Respiratory Medicine Education lead (clinical fellow programme) Clinical/Educational supervisor Critical Care Follow Up Clinic | Respiratory medicine OSA Interstitial lung disease |
| Dr Rafi Mohammed | Consultant ICM and Anaesthesia Simulation/Rehab/long term rehab | Simulation training |
| Dr Felix Fombon | Consultant ICM and Anaesthesia Foundation Programme Lead | Cardiac Anaesthesia and TOE Medical Education |

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| | <p>FRCA examiner</p> <p>Advisory Appointment Committee (AAC) Assessor – RCOA</p> | |
| Dr Ziad Alrifai | <p>Consultant ICM and Anaesthesia Hon. Assistant Professor, UoN University/clinical lead for undergraduate critical illness training, CP3, UoN Medical appraiser ALS MD Echocardiography supervisor(FUSIC/TOE/fTOE/BSE) MSc/Educational supervisor</p> | <p>Neuro-USS Cardiac Anaesthesia Medical Education</p> |
| Dr Ileana Antonopoulou | <p>Consultant ICM and Anaesthesia</p> <p>Educational and Clinical Supervisor</p> <p>Neurocritical care lead</p> <p>Clinical Lead for Organ Donation</p> | |
| Dr Gurmukh Sandhu | <p>Consultant ICM and Anaesthesia</p> <p>Faculty Tutor</p> <p>Junior Medical Workforce Lead</p> <p>Trainee Rota Lead</p> | |
| Dr James Garrod | <p>Consultant in ICM and Anaesthesia</p> <p>Educational and Clinical Supervisor</p> | |
| Dr Amar Javaid | <p>Consultant ICM and Anaesthesia</p> <p>Lead for Clinical Information System Implementation</p> <p>Clinical Supervisor</p> | |
| Dr Joel Swindin | <p>Consultant ICM and Anaesthesia</p> <p>Induction Lead</p> <p>Trauma Lead</p> <p>FICE Mentor and Focused TOE Supervisor</p> <p>Advanced Trainee Mentor/Support</p> | |

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| | Anaesthetic Rota Co-ordinator | |
| Dr James Shilston | Consultant ICM and Anaesthesia | |

3.6 Details of research projects being undertaken within the unit

REMAP-CAP
 PHIND
 A2B
 HEMOTION
 SOS
 Genomics
 Adapt Sepsis/RISC
 Signet
 MAST

3.7 How is the unit staffed?

Consultant

- City campus – resident 8am-12am 7 days, on call 12am - 8am
- QMC Campus – resident 8am – 12am 7 days, on call 12am – 8am

Trainee

- Junior doctor contract compliant rota with specific day, long day and night shifts
- 2 tiers of junior doctor rota for each campus
- Rotation through the different critical care areas for a broad experience
- Exception reporting encouraged

ACCP

- Working alongside medical trainees on the junior tier of the rotas

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

ICM training stages 1-3
 FICE and CUSIC training opportunities
 Percutaneous tracheostomy insertion training
 Management of the complex critically ill patient
 Chest drain insertion
 CVC and arterial line insertion
 End of life care
 Organ donation simulation and care of the organ donor
 Service improvement and audit opportunities

4.2 Details of departmental teaching days

Protected ICM teaching days once per month
 Protected dual speciality teaching days
 Stage 1-3 teaching
 Regional teaching on ICM including FFICM examination practice
 Bolt-on advanced teaching including governance, statistics, health law, ethics, preparing for an interview, advanced communication course

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

Weekly Journal club
 Weekly morbidity and mortality meetings
 Major Trauma morbidity and mortality meetings
 Speciality specific morbidity and mortality meetings
 Weekly Radiology Meetings
 Daily Microbiology ward rounds

4.4 Number of trainees on each tier of the rota

Overall there are 47 Junior Trainees/Fellows and 28 Senior Trainees/Fellows who cover the ICM rota across all 3 critical care areas within NUH together with our team of 11 ACCPs.