

NW ICM Unit Guide

Hospital: University Hospital of South Manchester

FICM Tutor and contact details: Dr Emily Shardlow

Emily.Shardlow@UHSM.nhs.uk

Contact number for Unit: 0161 2916420

Number of beds: 19 mixed level 2 and 3

Name of consultants, roles and any specialist interests:

Name	Role	Specialist interest
Andrew Bentley BSc MD MRCP FFICM	Consultant Physician in Respiratory and ICM Clinical Lead ICU	Research Long term Ventilation (LTV) ICS Council
Mark Bramer FRCA FFICM	Consultant Anaesthesia and ICM	Clinical Governance lead
Indy Kapila FRCA FFICM	Consultant Anaesthesia and ICM	
Emily Shardlow FRCA FFICM	Consultant Anaesthesia and ICM	Faculty Tutor
Jo Rogers FRCA FFICM	Consultant Anaesthesia and ICM	
Jon Hopper FRCA FFICM	Consultant Anaesthesia and ICM	Educational Supervisor Outreach Lead
Huw Maddocks MA FRCA FFICM	Consultant Anaesthesia and ICM	ICU Follow up Clinic
David Tansey FRCA FFICM	Consultant Anaesthesia and ICM	
Sue Beards BSc FRCA	Consultant Anaesthesia and ICM Divisional Medical Director for Clinical Support Services	
Steve Knight FRCA FFICM	Consultant Anaesthesia and ICM Clinical Director for Resuscitation Services	

Tim Felton BMedSci PhD MRCP FFICM	Consultant Physician in Respiratory and ICM	Research, LTV
Roger Smith FRCA FFICM	Consultant Anaesthesia and ICM	
Malachy Columb FRCA FFICM	Consultant Anaesthesia and ICM	CLOD, Research
Peter Alexander FRCA FFICM	Consultant Anaesthesia and ICM	Audit Lead, Echocardiography
Brendan McGrath FRCA	Consultant Anaesthesia and ICM	Echocardiography, National Tracheostomy Lead Clinician, Global Tracheostomy Lead
Pete Nightingale FRCP FRCA FFICM	Consultant Anaesthesia and ICM	

Junior doctor shift patterns:

1A rota. Resident trainee with airway skills on ICU 24/7

Consultant shift pattern:

2 Consultants for the week – 24hrs on call

ICNARC case mix:

35% elective admissions 65% emergency admissions

Patient populations unique to unit:

The unit has a wide variety of medical and surgical patients. Post-operative care is provided for complex general and urological surgery, tertiary maxillofacial surgery.

We have a large elective and emergency vascular caseload.

UHSM has a helicopter pad and receives major trauma regularly.

UHSM is also a regional plastics and burns centre and we have 2 dedicated burns ICU beds as part of the regional burns service.

We regularly admit acute respiratory failure patients post ECMO and provide a difficult weaning service to the region.

FFICM exam practice (consultants willing to Viva):

FFICM exam practice is available for all trainees undertaking examinations. Consultants are very willing and enthusiastic to provide training and practice.

The FFICM exam practice day is held at UHSM (and Blackpool) which is supported by UHSM ICU Consultants.

Frequency and type of governance meetings:

2 monthly audit/ governance meetings
3 monthly morbidity and mortality meetings
Weekly burns and general ICU MDT meetings

Management opportunities:

Attendance at directorate meetings by advanced trainees welcomed.

Unit teaching programme:

There is a dedicated teaching programme for one afternoon per week (Wednesday/ Thursday) . It is mapped to the curriculum and involves simulation based sessions. There are opportunities for trainees to present and Advanced trainees to facilitate these sessions.

Other formal teaching opportunities include:
Journal Club (twice monthly)
Daily formal teaching ward rounds
Multi-disciplinary simulation based sessions

Access to FICE accredited supervisors:

2 Consultants (Dr Alexander and McGrath) are BSE Accredited and run FICE courses at UHSM. They are enthusiastic mentors for those completing their FICE accreditation.

Rota master and contact details:

Dr Emily Shardlow Emily.shardlow@uhsm.nhs.uk

Other training opportunities available on the unit:

UHSM AICU provides excellent training opportunities for trainees. As a busy teaching hospital with a large variety of tertiary services, we offer interesting and stimulating clinical opportunities.

The unit has trainees from a wide range of specialties including ICM, Emergency Medicine, ACCS, Anaesthesia, Medicine, Foundation Training and offer Advanced training in ICM.

The unit has state of the art equipment and monitoring including echocardiography, Extracorporeal CO₂ removal, RRT, cardiac output monitoring (Doppler, Transthoracic impedance, PiCCO, LiDCO)

UHSM holds the FICE course regularly and we have ICU consultants who will supervise and support the accreditation process. There are also opportunities to attend the cardiothoracic ICU to learn about ECMO.

In house courses include:

FICE Course

ARDS and Beyond – Update in Respiratory Critical Care (Annual study day)

Regional ICM teaching (for new starters, ICM trainees and Advanced trainees)

Regional Primary and Final FRCA teaching

Regional FRCA OSCE/VIVA course

Tracheostomy management training

ALS

Bronchoscopy Course

Research opportunities:

There are opportunities to participate in research. The unit has an active research programme (NIHR portfolio trails) with a dedicated Unit Research Nurse.

Current research includes:

- Breath Analysis in Intensive Care: Proof of Concept for Non-Invasive Diagnosis of Ventilator Associated Pneumonia (BRAVO)
- TROPonin I in Cardiovascular patients in CriticAL care (TROPICCAL)
- Levosimendan for the Prevention of Acute oRgan Dysfunction in Sepsis (LeoPARDS)
- Medium Cost Effectiveness of Automated Non-Invasive Ventilation Outpatient Set Up vs Standard Fixed Level Non-Invasive Ventilation Inpatient Set Up In Obese Patients with Chronic Respiratory Disease (OPIP)
- Efficacy, Safety, Tolerability of Carbavance Compared to Piperacillin/Tazobactam in cUTIs, Including AP, in Adults

Advanced year trainees:

Advanced trainees on AICU at UHSM have many opportunities for career development. The transition into the Consultant role is actively encouraged. The Advanced trainees lead the ward rounds, manage the unit's admissions and discharges and liaise with parent teams. They are also encouraged to take on the more challenging communication and decisions. When trainee numbers allow, Advanced trainees perform 3rd On-call.

The Advanced trainees have provided extremely good feedback for the unit. Consultants and other staff are very friendly and supportive and the case mix is challenging.

There are many opportunities for QI projects, education and management. Each trainee has educational meetings to identify their needs. There is also enthusiastic support in preparing CVs and interview practice when required.