

The Faculty of Intensive Care Medicine

ICM Unit Brief

Part 1 Hospital Details

1.1 Hospital name

Wythenshawe Hospital - Manchester University NHS Foundation Trust (MFT)

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

Southmoor Rd,
Wythenshawe,
Manchester
M23 9LT

1.3 Hospital Telephone number

0161 998 7070

Part 2 ICU Department contact details

2.1 Direct telephone number to Department

0161 291 6420

2.2 Faculty Tutor name

Dr Sonya Gill

2.3 Faculty Tutor Email address

Sonya.Gill2@mft.nhs.uk

Part 3 Unit Structure

3.1 Number of Beds

19 (including 2 Burns ICU beds)

3.2 Number of admissions

Approximately 700 admissions per year

3.3 Percentage of elective vs emergency admissions

40% elective admissions, 60% emergency admissions

3.4 Overview of case mix within the unit

The Acute Intensive Care Unit (AICU) at Wythenshawe Hospital admits a wide variety of medical and surgical patients. Post-operative care is provided for complex general, urological and tertiary maxillofacial surgery. As the regional Burns Centre for the North West, we have 2 dedicated Burns ICU beds in close proximity to the Burns Theatre.

Wythenshawe Hospital is a national centre for Cystic Fibrosis and Aspergillosis. It provides many tertiary respiratory, cardiology and cardiothoracic services including primary PCI and heart/lung transplant.

The Cardiothoracic Critical Care Unit at Wythenshawe Hospital is an ECMO centre. On AICU, we admit acute respiratory failure patients post ECMO and provide a tertiary ventilation weaning service for the North West.

3.5 Names of Consultants, roles and areas of interest

Name	Specialties	Additional Interests/Roles
Mark Bramer FRCA FFICM	Anaesthesia and ICM	Clinical Director AICU
Peter Alexander FRCA FFICM	Anaesthesia and ICM	Echocardiography Chair Hive CSS Delivery Authority
Malachy Columb FRCA FFICM	Anaesthesia and ICM	Clinical Lead for Organ Donation Research
Tim Felton BMedSci PhD MRCP FFICM	Respiratory and ICM	Long-term Tracheostomy Ventilation Research
Simon Forrington FRCA FFICM	Anaesthesia and ICM	Transfer Medicine
Sonya Gill MRCP FFICM	AIM and ICM	Long-term Tracheostomy Ventilation Joint Clinical Digital Lead WTWA
Tom Heaton FRCA FFICM	Anaesthesia and ICM	Audit/QIP Lead Education, Research
Jon Hopper FRCA FFICM	Anaesthesia and ICM	WTWA Clinical Lead for Theatre Safety
Indy Kapila FRCA FFICM	Anaesthesia and ICM	Critical Care at the Christie
Steve Knight FRCA FFICM	Anaesthesia and ICM	Deputy Chief Medical Officer, NHS Greater Manchester Joint Medical Lead, GM Critical Care Network
Huw Maddock MA FRCA FFICM	Anaesthesia and ICM	Follow-up Services M&M
Prof Brendan McGrath MRCP FRCA FFICM	Anaesthesia and ICM	Echocardiography, Research National Tracheostomy Safety Project AICU Equipment Lead
Emily Shardlow FRCA FFICM	Anaesthesia and ICM	ICM Training Programme Director Echocardiography
Roger Smith FRCA FFICM	Anaesthesia and ICM	
David Tansey FRCA FFICM	Anaesthesia and ICM	M&M Critical Care at the Christie

3.6 Details of research projects being undertaken within the unit

There is an active programme of research on the ICU which trainees are encouraged to engage with. Research is supported by a team of research nurses. Fortnightly Unit research meetings occur to which all trainees are invited. Research studies on the ICU include a mix of (a) experimental medicine studies conducted "in-house" where the investigators are consultants on the ICU; (b) multi-centre, academic NIHR portfolio studies and (c) commercial trials.

3.7 How is the unit staffed

On-site consultant presence 8am-8pm 7 days a week and overnight as required. There is a two-tier trainee rota (airway and non-airway) with a minimum of one airway trainee present 24/7. We have 2 qualified ACCPs with more joining in the next 12 months. During weekday normal working hours there are 5 trainees/ACCPs as a minimum. 2 in the evenings and overnight. 4 during weekend days.

Part 4 Training

4.1 Details of training opportunities on the unit

The AICU at Wythenshawe Hospital 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, Acute Medicine, Respiratory Medicine, and Foundation Training. We offer advanced (stage 3) training in ICM. We also offer a variety of SSY modules including echocardiography, home ventilation, quality improvement and education. Additionally, we facilitate placements and training for trainee ACCPs, student AAs and medical students.

There is a comprehensive Consultant-led teaching programme, which is mapped to the ICM curriculum and includes simulation-based sessions. We also have weekly journal club led by an advanced ICM trainee.

Our weekly M&M meetings provide an opportunity to analyse and learn from previous cases. Representatives from other specialties involved in the cases are invited to add to the discussion.

There is a weekly Burns MDT and we have daily Microbiology ward rounds.

4.2 Details of departmental teaching days

Weekly Consultant-led teaching 2-4pm (day of the week varies depending on Consultant availability)

Weekly Journal Club 2-4pm (Monday or Friday)

Daily teaching ward rounds

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

Weekly M&M meetings 2-4pm (alternate Tuesdays and Thursdays)

Regular Unit ACE meetings where multidisciplinary audit and QIP projects are presented

4.4 Number of trainees on each tier of the rota

There is a two-tier trainee rota with an average of 7 trainees on each tier. Trainees must have their IAC to be allocated to the airway tier.