

## **NW ICM Unit Guide**

**Hospital:** Manchester Royal Infirmary

**FICM Tutor and contact details:** Dr Steve Benington  
steve.benington@cmft.nhs.uk

**Contact number for Unit:** 0161 276 8884 (PA Nicola Larkam)

**Number of beds:** 40 (20 ICU and 20 HDU)

**Name of consultants, roles and any specialist interests:**

<b>Name</b>	<b>Role</b>	<b>Specialist interest</b>
Dr Dougal Atkinson	Deputy CD (governance)	CPET, TOE
Dr Srikanth Amudalapalli	Audit lead	
Dr Shoneen Abbas	Acute medicine liaison	
Dr Jon Bannard-Smith	Education & training	
Dr Steve Benington	FICM tutor	FICE echo, TOE
Dr John Butler	ACCS training lead	
Dr Rachel Challiner	Renal liaison	
Dr Daniel Conway	Follow up/outreach lead	
Dr Greg Cook	Education & training	
Dr Tina Duff	Educational supervision	
Dr Jane Eddleston	Divisional director	
Dr Bernard Foex	Journal club lead	
Dr Ruari Greer	Deputy tutor	RCOA examiner
Dr Magnus Garrioch	IMPACT course lead	
Dr James Hanison		
Dr Simon Hellings	Simulation training lead	Medical education
Dr Steve Jones	EM clinical director	
Dr John Moore	Clinical director, clinical governance lead	
Dr Mahesh Nirmalan	Research lead, undergraduate education	
Dr Mike Parker	Consultant rotamaster	
Dr Mike Sharman	NIV, respiratory liaison	

**Junior doctor shift patterns:** Full shift rota 1 in 6 nights, 1 in 3 weekends, band 1a, 48h per week.

**Consultant shift pattern:** 4 consultants on duty from 0800-1900 Monday-Friday (3 consultants at weekends). 1 consultant resident 1800-0200 and on call from home thereafter

**ICNARC case mix:**

1856 patients per annum, 26% level 3 in first 24h following admission.

36% elective surgery, 17% emergency surgery, 35% medical, 11% other (including surgical ward admissions not immediately post-theatre). 64% elective (level 2 and 3), 36% emergency

**Patient populations unique to unit (e.g. transplant, hepatobiliary, neuro, etc):**

The Intensive Care Unit admits approximately 750 critically ill adult patients yearly. The average APACHE 2 score is high with there few elective patients admitted. The vast majority of the patients are ventilated and have at least 2 organ failures. The ICU houses regional services for vascular, hepato-biliary, a large pan-surgery oncology service, haematology oncology, transplant, cardio-thoracic surgery, interventional cardiology, hepatology, nephrology and haemoglobinopathies, thrombophilia service and a tertiary obstetric hospital. The Trust has both adult and paediatric major trauma centre status. There is 24 hour cover from a team of consultants in Critical Care Medicine. The ICU is a state of the art facility (opened late 2012) with 20 beds used as a mix of level 2 and level 3 depending on case mix. It is supported by a dedicated team of technicians, has its own laboratory, training and teaching unit and office space for consultants and trainees. There is a follow-up clinic and active research and audit programs.

**FFICM exam practice (consultants willing to Viva):**

A large team of consultants means we are always able to accommodate viva practice, this can be arranged through your educational supervisor or FICM tutor on request. We usually have one or two trainees approaching the FFICM examination engaged in such activity.

**Frequency and type of governance meetings:**

Mortality review meeting (weekly)  
Infection control meeting (weekly)  
Critical care governance meeting (weekly)  
Consultants' meeting (advanced trainees welcome) monthly  
Trainee incident review meeting (monthly)

**Management opportunities:**

Participate in above governance opportunities  
Trainee roles: educational lead; governance lead; trainee rep  
QI opportunities depending on current departmental priorities

**Unit teaching programme:**

4 hours of protected, bleep-free weekly teaching on Thursday afternoons from 1300-1700. Consultant-supervised, delivered by consultants and trainees.  
Journal club as part of this time again supervised by consultant and delivered by trainees. Opportunities for senior ICM trainees to supervise this programme.  
Tuesday lunchtime MDT educational meetings 1-2/month  
Acute care echo meeting monthly

**Access to FICE accredited supervisors:**

Dr Steve Benington, Dr Dougal Atkinson, Dr Tina Duff

### **Rota master and contact details:**

Dr Steve Benington, [steve.benington@cmft.nhs.uk](mailto:steve.benington@cmft.nhs.uk)

### **Other training opportunities available on the unit:**

- Management of severe respiratory failure
- Management of specialist tertiary patient groups including:
  - Haematological oncology
  - Renal and pancreatic transplant surgery
  - Upper gastrointestinal surgery
  - Renal medicine
  - Hepatology
  - Hepato-pancreato-biliary surgery
  - Major maxillofacial surgery
  - Tertiary obstetric services
- Transoesophageal echocardiography, FICE transthoracic echocardiography, thoracic ultrasound, cardiac output monitoring
- Cardiopulmonary exercise testing

In addition practical experience including percutaneous tracheostomy, vascular access and ultrasound-guided drainage procedures is freely available.

### **Research opportunities:**

The department is an active participant in multicentre studies. Currently recruiting to:

**Free** – Family Reported Experiences Evaluation study.

**ART- 123** . A study to assess the safety and efficacy of ART-123 in subjects with severe sepsis and coagulopathy

**Zoro**– A study determining the efficacy and safety of 300mg or 600 mg of intravenous zanamivir twice daily compared to 75mg or oral oseltamivir twice daily in the treatment of influenza

**Remaic**- Rehabilitating muscle after Intensive Care – Rehab study .

**Breathe** – Ventilator weaning study.

**Leopards** – Levosimenden for the prevention of organ dysfunction in Septic Shock

Opportunities to get involved in research can be discussed with research lead Dr Bannard-Smith

### **Advanced year trainees:**

All the above experience is available. Advanced trainees/ST7 ICM trainees are expected to take a more independent role in leading ward rounds with appropriate supervision, taking on trainee roles as outlined above, and gaining experience of specialist patient groups as part of their educational contract. As outlined above, there are opportunities to get involved in governance, research, echo, specialist patient management and education, and trainees should plan their advanced year collaboratively with their educational supervisor depending on their interests and the requirements of the curriculum.