The Faculty of
Intensive Care Medicine

ICM Unit Brief

Part 1  Hospital Details

1.1  Hospital name

Glasgow Royal Infirmary

1.2  Full address (you must include postcode)

84 Castle Street
Glasgow
G4 0SF

1.3  Hospital Telephone number

0141 211 4000

Part 2  ICU Department contact details

2.1  Direct telephone number to Department

0141 211 4225

2.2  Faculty Tutor name

Dr Michael McLaughlin

2.3  Faculty Tutor Email address

michaelmclaughlin@nhs.net

Part 3  Unit Structure

3.1  Number of Beds

20

3.2  Number of admissions

1156 per year

3.3  Percentage of elective vs emergency admissions

Approximately 20% elective admissions – almost all of these are level 2 post-operative patients

3.4  Overview of case mix within the unit

Admits general surgical (upper GI, colo-rectal, pancreatic), general medical, urology, gynaecological, obstetric and plastic surgical patients. No cardiothoracic in-patient beds in this hospital.
Tertiary referral centre for major burns and pancreatitis. No paediatric beds.
Significant number of patients requiring interventional radiology or bariatric involvement due to ability to provide these at our hospital but not tertiary referral centre.
### 3.5 Names of Consultants, roles and areas of interest

<table>
<thead>
<tr>
<th>Name</th>
<th>Role (eg clinical lead, consultant)</th>
<th>Areas of interest</th>
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<tbody>
<tr>
<td>Dr Malcolm Booth</td>
<td>Consultant Student Electives Medics reconciliations Lead</td>
<td>Ethics, Infection Control / Surveillance, Surviving Sepsis Campaign CUSICS mentor</td>
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<tr>
<td>Dr Audrey Chalmers</td>
<td>Consultant</td>
<td>Sedation, Christian Medical Foundation</td>
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<tr>
<td>Dr Jennifer Cuthill</td>
<td>Consultant Faculty Tutor Sedation Hold Lead</td>
<td>Exercise physiology, Advanced Life Support</td>
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<tr>
<td>Dr Malcolm Daniel</td>
<td>Consultant Health Foundation Quality Improvement Fellow, Royal College of Anaesthetists Advisory Board in Scotland member, Scottish Patient Safety Programme Faculty member Induction co-ordinator</td>
<td>Quality Improvement</td>
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<tr>
<td>Dr Lindsay Donaldson</td>
<td>Consultant Director of Medical Education</td>
<td>Acute and chronic liver disease in ICU</td>
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<tr>
<td>Dr Charlotte Gilhooly</td>
<td>Consultant Data audit lead for Managed Clinical Network for Burns in Scotland, Clinical Information Systems Lead</td>
<td>Burns, IT</td>
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<tr>
<td>Dr Martin Hughes</td>
<td>Consultant Difficult ventilation Lead</td>
<td>Ventilation, Echocardiography, Diagnostic error and decision making, coma</td>
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<tr>
<td>Dr Barbara Miles</td>
<td>Clinical Director for ICM Consultant Tracheostomy Lead Mobilisation Lead</td>
<td>Mobilisation, airway Team training, Percutaneous tracheostomy CUSICS mentor</td>
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<tr>
<td>Dr Carol Murdoch</td>
<td>Consultant FICE mentor</td>
<td>Echocardiography, Training</td>
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<tr>
<td>Dr Alex Puxty</td>
<td>Consultant Sepsis Lead FICE mentor</td>
<td>Echocardiography, Sepsis, Fluid optimisation, research, e-health</td>
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<tr>
<td>Dr Tara Quasim</td>
<td>Consultant Audit and Research Lead INSPIRE Project Lead</td>
<td>Research, Sedation, ICU follow up, INSPIRE clinic, senior lecturer</td>
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<tr>
<td>Dr Kathryn Puxty</td>
<td>Consultant Organ Donation Lead FFICM exam preparation Lead</td>
<td>Echocardiography, CUSICS lead, Research – outcome of patients with malignancy in ICU</td>
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</table>
Dr Michael McLaughlin  Consultant  Faculty tutor  ACCP training lead  Transfer training Lead  Trainee teaching Lead  FICM ACCP subcommittee member  Chair of ACCP Scottish training network  CUSICS mentor  Percutaneous tracheostomy  Health economics

Dr Lia Paton  Consultant  ACCP training lead  ACCP training  Burns  Percutaneous tracheostomy  In situ simulation

3.6 Details of research projects being undertaken within the unit

- ICU Follow-up quality of life study
- HINS light environmental decontamination cross-over cohort study
- INSPIRE – post-intensive care rehabilitation clinic
- REST Trial
- GenOMICC study
- Cost analysis of point of care flu testing
- Wide-ranging quality improvement programme with at least 8 current projects ongoing.

3.7 How is the unit staffed

14 full-time consultants. 2 consultants in unit between 0800-2100 with 1 consultant on call overnight. 2 consultants on call during the day at the weekend, reducing to 1 consultant on call from 1700. A third consultant present Monday – Friday 0800-1300.

- One FY1 working 5 12 hour shifts on then having 5 days off.

- 8 trainees on the rota at a time. Two trainees on call together at all times doing 12 hour shifts in both the HDU and ICU side of the unit. Trainees come from ACCS, anaesthetic and acute medical backgrounds from CT1 – ST7 grades.

- Additionally we usually have 1-2 senior/advanced ICU trainees who take part in the consultant on call rota but always with a first on call consultant immediately available if required.

Part 4  Training

4.1 Details of training opportunities on the unit

- Four recognised FICE mentors.
- Five recognised CUSICS mentors.
- Weekly grand round, protected structured tutorials for trainees.
- Weekly morbidity and mortality with monthly in depth reviews if required.
- Three consultants carry out percutaneous tracheostomies.
- Tertiary referral centre for burns and complicated pancreatitis patients.
- Affiliated with Glasgow University providing significant research opportunities.
- Able to provide both CVVH and Haemodialysis in same unit.
- Training centre for ACCP trainees.
4.2 Details of departmental teaching days

- Grand Round every Tuesday afternoon incorporating QI, grand round, discussion of all deaths, journal club, M&M.
- Quality Improvement teaching every Tuesday prior to grand round.
- Regional teaching organised by Dr K.Puxty and occurs once a month
- Teaching organised by the anaesthetic department
- ICU teaching structure was a weekly program of trainee presentations which is currently being reworked due to the recent 26 hour rest period rota change that has come in to place.

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

Grand Round every Tuesday afternoon where current patients are discussed along with discussion of all deaths in previous week, a monthly M&M meeting and Journal Club/other presentation in the intervening weeks followed by consultants business points meeting. Senior trainees are encouraged to attend business meetings and all trainees to present at grand round and journal club.

4.4 Number of trainees on each tier of the rota

8 trainees on main tier of rota – 2 work at a time doing 12 hour shifts. There can be a broad range of experience but at least one of the two will have airway experience (Initial assessment of competency in anaesthesia).
One FY1 working 5 days on and having 5 days off.
Usually but on occasion two advanced trainees at a time who take part in the consultant rota but in a supernumary fashion so there is always a consultant on call with them.