The Faculty of
Intensive Care Medicine

ICM Unit Brief

Part 1  Hospital Details

1.1 Hospital name
University Hospital Crosshouse

1.2 Full address (you must include postcode)
Kilmarnock Road
Kilmarnock
KA2 0BE

1.3 Hospital Telephone number
01563 521133

Part 2  ICU Department contact details

2.1 Direct telephone number to Department
01563 577741

2.2 Faculty Tutor name
Dr Alistair Meikle

2.3 Faculty Tutor Email address
alistair.meikle@nhs.net

Part 3  Unit Structure

3.1 Number of Beds
6 level 3

3.2 Number of admissions
Approx 320 per annum

3.3 Percentage of elective vs emergency admissions
10% vs 90%

3.4 Overview of case mix within the unit
Annual adult admission rate approximately 320. General medical specialities and surgical specialities include general, colorectal, gynaecology, obstetric, upper gastrointestinal, ENT and maxillofacial. Approx 20-30 paediatric stabilisation and retrieval cases per year.
3.5 Names of Consultants, roles and areas of interest

<table>
<thead>
<tr>
<th>Name</th>
<th>Role (eg clinical lead, consultant)</th>
<th>M+M/Research</th>
<th>Quality Improvement, rehabilitation from critical illness.</th>
<th>Associate Medical Director (NHSAA)</th>
<th>Director of Medical Education (NHSAA)</th>
<th>Scottish Paediatric Retrieval Service, FY programme director, paediatric anaesthesia.</th>
<th>Echocardiography, upper GI anaesthesia, early mobilisation, e-health.</th>
<th>Medical HDU, end of life matters, M+M.</th>
<th>Organ donation, critical care transfer, quality improvement, rehabilitation from critical illness.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Gordon Houston</td>
<td>Consultant</td>
<td>M+M/Research</td>
<td>Quality Improvement, rehabilitation from critical illness.</td>
<td>Associate Medical Director (NHSAA)</td>
<td>Director of Medical Education (NHSAA)</td>
<td>Scottish Paediatric Retrieval Service, FY programme director, paediatric anaesthesia.</td>
<td>Echocardiography, upper GI anaesthesia, early mobilisation, e-health.</td>
<td>Medical HDU, end of life matters, M+M.</td>
<td>Organ donation, critical care transfer, quality improvement, rehabilitation from critical illness.</td>
</tr>
<tr>
<td>Dr Peter O’Brien</td>
<td>Consultant</td>
<td>M+M/Research</td>
<td>Quality Improvement, rehabilitation from critical illness.</td>
<td>Associate Medical Director (NHSAA)</td>
<td>Director of Medical Education (NHSAA)</td>
<td>Scottish Paediatric Retrieval Service, FY programme director, paediatric anaesthesia.</td>
<td>Echocardiography, upper GI anaesthesia, early mobilisation, e-health.</td>
<td>Medical HDU, end of life matters, M+M.</td>
<td>Organ donation, critical care transfer, quality improvement, rehabilitation from critical illness.</td>
</tr>
<tr>
<td>Dr Philip Korsah</td>
<td>Consultant, AMD</td>
<td>M+M/Research</td>
<td>Quality Improvement, rehabilitation from critical illness.</td>
<td>Associate Medical Director (NHSAA)</td>
<td>Director of Medical Education (NHSAA)</td>
<td>Scottish Paediatric Retrieval Service, FY programme director, paediatric anaesthesia.</td>
<td>Echocardiography, upper GI anaesthesia, early mobilisation, e-health.</td>
<td>Medical HDU, end of life matters, M+M.</td>
<td>Organ donation, critical care transfer, quality improvement, rehabilitation from critical illness.</td>
</tr>
<tr>
<td>Dr Hugh Neill</td>
<td>Consultant, DME</td>
<td>M+M/Research</td>
<td>Quality Improvement, rehabilitation from critical illness.</td>
<td>Associate Medical Director (NHSAA)</td>
<td>Director of Medical Education (NHSAA)</td>
<td>Scottish Paediatric Retrieval Service, FY programme director, paediatric anaesthesia.</td>
<td>Echocardiography, upper GI anaesthesia, early mobilisation, e-health.</td>
<td>Medical HDU, end of life matters, M+M.</td>
<td>Organ donation, critical care transfer, quality improvement, rehabilitation from critical illness.</td>
</tr>
<tr>
<td>Dr Will Watson (from Aug 2020)</td>
<td>-</td>
<td>M+M/Research</td>
<td>Quality Improvement, rehabilitation from critical illness.</td>
<td>Associate Medical Director (NHSAA)</td>
<td>Director of Medical Education (NHSAA)</td>
<td>Scottish Paediatric Retrieval Service, FY programme director, paediatric anaesthesia.</td>
<td>Echocardiography, upper GI anaesthesia, early mobilisation, e-health.</td>
<td>Medical HDU, end of life matters, M+M.</td>
<td>Organ donation, critical care transfer, quality improvement, rehabilitation from critical illness.</td>
</tr>
<tr>
<td>Dr Tim Geary</td>
<td>Consultant</td>
<td>M+M/Research</td>
<td>Quality Improvement, rehabilitation from critical illness.</td>
<td>Associate Medical Director (NHSAA)</td>
<td>Director of Medical Education (NHSAA)</td>
<td>Scottish Paediatric Retrieval Service, FY programme director, paediatric anaesthesia.</td>
<td>Echocardiography, upper GI anaesthesia, early mobilisation, e-health.</td>
<td>Medical HDU, end of life matters, M+M.</td>
<td>Organ donation, critical care transfer, quality improvement, rehabilitation from critical illness.</td>
</tr>
<tr>
<td>Dr John Allan</td>
<td>Lead clinician</td>
<td>M+M/Research</td>
<td>Quality Improvement, rehabilitation from critical illness.</td>
<td>Associate Medical Director (NHSAA)</td>
<td>Director of Medical Education (NHSAA)</td>
<td>Scottish Paediatric Retrieval Service, FY programme director, paediatric anaesthesia.</td>
<td>Echocardiography, upper GI anaesthesia, early mobilisation, e-health.</td>
<td>Medical HDU, end of life matters, M+M.</td>
<td>Organ donation, critical care transfer, quality improvement, rehabilitation from critical illness.</td>
</tr>
<tr>
<td>Dr Alison Spiers</td>
<td>Consultant</td>
<td>M+M/Research</td>
<td>Quality Improvement, rehabilitation from critical illness.</td>
<td>Associate Medical Director (NHSAA)</td>
<td>Director of Medical Education (NHSAA)</td>
<td>Scottish Paediatric Retrieval Service, FY programme director, paediatric anaesthesia.</td>
<td>Echocardiography, upper GI anaesthesia, early mobilisation, e-health.</td>
<td>Medical HDU, end of life matters, M+M.</td>
<td>Organ donation, critical care transfer, quality improvement, rehabilitation from critical illness.</td>
</tr>
<tr>
<td>Dr Alistair Meikle</td>
<td>Consultant, CLOD</td>
<td>M+M/Research</td>
<td>Quality Improvement, rehabilitation from critical illness.</td>
<td>Associate Medical Director (NHSAA)</td>
<td>Director of Medical Education (NHSAA)</td>
<td>Scottish Paediatric Retrieval Service, FY programme director, paediatric anaesthesia.</td>
<td>Echocardiography, upper GI anaesthesia, early mobilisation, e-health.</td>
<td>Medical HDU, end of life matters, M+M.</td>
<td>Organ donation, critical care transfer, quality improvement, rehabilitation from critical illness.</td>
</tr>
</tbody>
</table>

3.6 Details of research projects being undertaken within the unit

Active in audit and quality improvement projects.
Some research data collection underway for GENOMIC trial.

3.7 How is the unit staffed

10 consultants with training in ICM and anaesthesia. Consultant rota is Mon-Fri 0830-1730h with on-call period 1730-0830h every night. Each consultant does one week on the unit with no on calls during that week. ICU only covered by consultants with interest in critical care.

Trainee cover is on a 12 hour shift pattern with dayshift 0830-2030h and night shift 2030-0830h. Two hand-overs per day. Morning hand-over supervised by consultant.
Part 4  Training

4.1 Details of training opportunities on the unit

6 bedded level 3 ICU with supportive therapies including invasive/non-invasive ventilation, cardiac output monitoring, renal replacement therapies including both continuous haemofiltration and intermittent haemodialysis. Available practical procedures include percutaneous tracheostomy, bronchoscopy and echocardiography. Active in quality improvement and audit. Have excellent, highly evaluated ICU rehabilitation programme. Frequent inter-hospital transfers for clinical and non-clinical reasons. Support for improving bronchoscopy, chest ultrasound and cardiac ECHO skills possible. Exposure to paediatric emergencies & transfers. Level 2 centre for organ donation with opportunities to undertake DDNC testing.

4.2 Details of departmental teaching days

Wednesday lunchtime: ICU tutorials approx. 30 per year. Trainee led with consultant facilitation. Good feedback consistently received.

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

Thu afternoon (weekly) dedicated to ICU education:
- QI values management meeting
- MDT to discuss unit patients
- M+M and clinical governance
- Weekly teaching topic (internal and invited external speakers)

4.4 Number of trainees on each tier of the rota

3 to 4 trainees on ICU rota permanently at any given time. 4th trainee taken from theatre pool to accommodate rota requirements.

Basic, intermediate, higher and advanced trainees accommodated.

Well evaluated through feedback.