The Faculty of
Intensive Care Medicine

ICM Unit Brief

Part 1  Hospital Details

1.1 Hospital name

William Harvey Hospital

1.2 Full address (you must include postcode)

Kennington Road
Ashford
Kent
TN24 0LZ

1.3 Hospital Telephone number

01233 633331

Part 2  ICU Department contact details

2.1 Direct telephone number to Department

01233 616114

2.2 Department Email address

criticalcareWHH@nhs.net

2.3 Home page of departmental website


2.4 Faculty Tutor name

Dr Neil Richardson

2.5 Faculty Tutor Email address

neil.richardson3@nhs.net

Part 3  Unit Structure

3.1 Number of Consultants

10

3.2 Percentage of elective vs emergency admissions

Elective 26.3%; Emergency 73.7%

3.3 Overview of case mix within the unit
This unit admits around 900 patients per annum in 14 mixed Level 2 and 3 beds. This is soon to increase to 16 beds. Approximately 60% of admissions are Level 3. The usual case mix admitted to the unit is equally shared between surgical and medical patients. The medical patients come from unselected acute medical intake to the hospital under varied medical specialities: respiratory, cardiology, gastro-enterology, neurology, stroke and geriatrics. In addition to this WHH is the designated 24/7 primary PCI centre for the whole of Kent, therefore there are a significant number of patients admitted following acute coronary events and/or out of hospital cardiac arrest. The elective surgical cases include post-operative major upper and lower GI surgery, complex maxillo-facial reconstructive surgery, ENT and orthopaedics. In addition, William Harvey Hospital is a trauma centre.

3.4 Details of training opportunities on the unit

Highlight of the clinical experience include exposure to a high volume mix of emergency general medical patients of varied specialities (including post-primary PCI) and both elective and emergency surgical patients. Organ support provided in the unit includes invasive and non-invasive ventilation, renal replacement therapy, therapeutic hypothermia and IABP. Locally developed guideline utilises advanced ventilator modes (e.g. APRV) and special therapies (e.g. Proning, Levosimendan). Invasive cardiovascular monitoring and cardiac output measurement with FlowTrac & PICCO devices are used as standard. Senior trainees (stage 3) benefit from “acting-up” weeks as the consultant with senior support (including on-calls), invaluable preparation for future independent consultant practice.

There are plenty of opportunities for teaching, supervising and mentoring to the many third and fifth year medical students, foundation year doctor and core trainees from different specialities attached to the ICU. In addition higher speciality trainees are actively encouraged to make use of many on-going service development projects to develop their leadership skills.

The ICM speciality works in close relationship with other specialities in the hospital. This creates opportunity to learn and develop special skills for ICM trainees in other hospital specialities e.g. airway skill and bronchoscopy.

The unit also benefits from 4 FICE accredited consultants including 2 that have BSE accreditation.

3.5 Names of Consultants, roles and areas of interest

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<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 Mark Snazelle</td>
<td>Trust ICU Lead</td>
<td>FICE Supervisor. Echocardiography, Advanced Cardiac support</td>
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<tr>
<td>Dr Christopher Toner</td>
<td></td>
<td>M&amp;M, Therapeutic Hypothermia</td>
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<tr>
<td>Dr Debkumar Pandit</td>
<td>TPD ICM HEKSS</td>
<td>Sepsis. FICE supervisor.</td>
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<tr>
<td>Dr Neil Richardson</td>
<td>Faculty Tutor, LFG Lead</td>
<td>Clinical Research</td>
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<tr>
<td>Dr Christine Vimalanathan</td>
<td>Organ Donation Lead</td>
<td>Simulation</td>
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<td>Dr Mario Katz</td>
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<td>Microbiology</td>
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<tr>
<td>Dr Prashant Parulekar</td>
<td>AIM</td>
<td>FICE Supervisor, Echocardiography</td>
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<tr>
<td>Dr Simon Hill</td>
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<td>Maternal Critical Care</td>
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<tr>
<td>Dr Jonathon Leung</td>
<td>Emergency Medicine &amp; HEMS</td>
<td>PHEM, Point of care ultrasound</td>
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<td>Dr Ruth Tighe</td>
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<td>Dr Ida-Fong Ukor</td>
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<td>Research</td>
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3.6 Details of research projects being undertaken within the unit

WHH ICU actively participates in national and international collaborative research projects.

Current research portfolio includes Trial 65, STARR-AKI, FLO-ELA and CIRCA. The unit has been awarded “Rising Start “ award in Research & Innovation by the Trust.

There are other local research projects including the use of echocardiography in acute heart failure.
Part 4  Training

4.1 Details of departmental teaching
Days

Half day per week protected formal teaching delivered / supervised by dedicated ICM consultants which includes teaching ward round, sit down tutorial on topics mapped to ICM curriculum; supplemented by a micro teaching on statistics, how to read journal article and / or journal club delivered by dedicated clinical librarian. ICM trainees join the basic science teaching of the anaesthetic department relevant to the ICM curriculum. In addition they are encouraged to attend the weekly medical grand round and radiology meeting. Moreover there are numerous opportunities of informal teaching on ward rounds including microbiology round.

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

Bi monthly ICM consultant led M&M meeting discusses all cases of death on the unit and other patient care issues. Regular multidisciplinary M&M meetings are organised with medical and surgical specialities. In addition ICM takes part in the monthly half day surgical services divisional audit and governance and education day. Senior trainees are encouraged to attend the Trust Critical Care Steering Group meeting.

4.3 Details of inhouse courses available

FICE: Facilitated by 2 BSE accredited ICM consultant
Advance Ventilation Study Day
Transfer of Critically Ill patients
Medium Fidelity Critical care and Trauma Simulation training
Managing Organ Donation in Simulator (MODUS)
ALS
ATLS

4.4 Details of junior doctor shift patterns (including on call)

- Two tiers of trainees and clinical fellows providing 24/7 cover in compliance with GPICS recommendations.
- 1 in 6 with prospective cover.
- Night shifts 20:30 - 09:30
- Long days 08:30 - 21:00

4.5 Details of senior doctor shift patterns (including on call)

Dedicated 24/7 ICM consultant cover fully compliant of the 2013 Core Standard of Critical Care Unit recommendation
Weekdays:
8am to 10pm: Resident ICM Consultant
10pm to 8am: ICM consultant oncall
Weekend:
8 am to 2 pm & 7 pm to 9 pm: Resident ICM Consultant
2 pm to 7 pm & 9 pm to 8 am: ICM consultant oncall
Additional 2nd consultant/senior doctor during weekend days.
Part 5   Additional information

5.1 Please provide any additional information about the unit

WHH ITU is well known for its reputation for high quality ICM training and mentoring and is evident from the testimonials of the previous trainees. A small cohort of energetic and enthusiastic ICM consultants offers numerous opportunities to undertake quality improvement projects. We are currently in the process of developing special interest module in Critical care Simulation and Echocardiography, ideally suited for the advanced ICM trainees. The unit enjoys a very good relationship with Anaesthetic, Emergency Medicine and Acute medical specialities through ICM consultants with dual training in respective specialities, which enable smooth running of cross speciality projects.

Ashford is an expanding business and agricultural centre and has an International Station linking it to the Continent via the Channel Tunnel. Regular High Speed (HS1) rail service provides easy access to central London in 40 minutes. There are many areas of unspoilt countryside and a wide variety of quiet secluded beaches. The Stour valley runs through the area and there are areas of great natural beauty and charm. The Thanet coast is on a list of best wildlife sites in Europe. Places of historic interest include Canterbury Cathedral, Dover, Deal and Walmer castles. There are also outstanding sporting facilities, both indoor and outdoor. Sports associated with the coast such as sailing and windsurfing are well served and golfers can enjoy many courses, including championship golf courses.