

The Faculty of Intensive Care Medicine

ICM Unit Brief

Part 1 Hospital Details

1.1 Hospital name

Aberdeen Royal Infirmary

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

Aberdeen Royal Infirmary
Foresterhill Health Campus
Foresterhill Road
Aberdeen
AB25 2ZN

1.3 Hospital Telephone number

0345 456 6000

Part 2 ICU Department contact details

2.1 Direct telephone number to Department

01224 554253

2.2 Faculty Tutor name

Paul Gamble

2.3 Faculty Tutor Email address

paul.gamble@nhs.scot

Part 3 Unit Structure

3.1 Number of Beds

24

3.2 Number of admissions

1200

3.3 Percentage of elective vs emergency admissions

95% emergency admissions

3.4 Overview of case mix within the unit

Mixed medical and surgical critical care unit split over 2 sites within Aberdeen Royal Infirmary for level 2 and 3 patients including neurosurgical ICU. We also support elective admissions from major head and neck surgery and major upper GI surgery.

Commissioned ECMO centre for Scotland (2019) providing VV ECMO for approximately 25-30 patients per year from across Scotland. Awarded Platinum status by the Extracorporeal Life Support Organisation in recognition of the high level of ECMO care provided.

Major trauma centre status from October 2018, serving the North of Scotland.

3.5 Names of Consultants, roles and areas of interest

Name	Role (eg clinical lead, consultant)	Areas of Interest
Lee Allen	Consultant Critical Care	Neuro critical care/Research/FICE mentor
Roxanna Bloomfield	Consultant Critical Care/ Anaesthesia/ EMRS	Education/transportation and retrieval
Andrew Clarkin	Consultant Critical Care/ Anaesthesia	Clinical information system management /Equipment /Echo
Douglas Coventry	Consultant Critical Care/ Anaesthesia	Follow up clinic
Stephen Friar	Consultant Critical Care/ Anaesthesia	TPD ICM/Medical Management/ ECMO/Education/QI
Paul Gamble	Consultant Critical Care	Education/Renal/Clinical Lead for Organ Donation/RA ICM
Callum Kaye	Consultant Critical Care/ Anaesthesia	Research/FICE mentor
Andrew Laurie	Consultant Critical Care/ Anaesthesia	Equipment
James MacBrayne	Consultant Critical Care/ Anaesthesia	Burns lead/FICE mentor
Iain Macleod	Clinical Director Critical Care and Consultant Critical Care	ECMO/Renal/Medical Management and leadership
Ian Scott	Consultant Critical Care/ Anaesthesia/ EMRS	ECMO/Echo/retrieval
Kevin Sim	Clinical Lead and Consultant Critical Care	Medical Management /FICE mentor
Steve Stott	Associate Medical Director and Consultant Critical Care/ Anaesthesia	Medical Management/Quality lead/ Governance/Follow-up
Stuart Williams	Consultant in Anaesthesia/ Critical Care	Education/ Learning from excellence
Graham Wilson	Speciality Doctor Critical Care	Rota management/ FICE mentor/ Trauma

3.6 Details of research projects being undertaken within the unit

We have an active research program supported by 3 research nurses. Current studies we are involved with include: RECOVERY, STRESS-L, Genomic, ECMOCARD, REMAP-CAP, TARDIS, DAMSEL-2. We also involved in local research and work closely with the University of Aberdeen.

3.7 How is the unit staffed?

Junior staff cover is in 12 hour shifts with a minimum of 5 trainees per shift including an ICU registrar. There is 24 hour consultant cover with 3 consultants per day and 1 late shift with overnight on-call. There is a large team of experience critical care nurses including ECMO specialists. We have dedicated critical care pharmacist, physiotherapy, occupational therapy and dietician

Part 4**Training****4.1 Details of training opportunities on the unit**

As a large mixed critical care unit, there are many training opportunities available. Trainees can gain ample experience in the management of unselected critically ill patients through supervised assessment of referrals.

There are twice daily consultant ward rounds with bedside teaching as well as daily microbiology ward rounds and weekly consultant radiology meetings.

All critical care procedures are carried out in the unit with opportunity for trainees to gain experience including: percutaneous tracheostomy, bronchoscopy, CVC insertion.

We have 4 FICE mentors in the department and access to multiple ECHO machines including ECHO simulation software allowing excellent training in critical care Echocardiography.

As the ECMO unit for Scotland, trainees are able to be involved in the retrieval and on-going management of patients requiring ECMO.

We are co-located with cardiothoracic ICU, giving the opportunity to assist in the management of post-operative cardiothoracic patients.

There is an active quality improvement programme with twice yearly local quality improvement afternoons to allow presentation of the work done.

We also encourage trainees to develop their own teaching or research interests and offer supervised opportunities to lead in these areas.

4.2 Details of departmental teaching

We have several organised teaching activities including:

- Weekly trainee delivered case presentations weekly (Tuesdays)
- Weekly journal club (Wednesdays)
- Fortnightly departmental CME (alternate Wednesdays)
- Monthly ICU speciality teaching
- MDT simulation training (weekly ad-hoc)

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

Weekly clinical governance meetings on Fridays

4.4 Number of trainees on each tier of the rota

14-16 trainees with 7 ACCPs on junior tier of rota
7 trainees on middle grade rota