

The Faculty of Intensive Care Medicine

ICM Unit Brief

Part 1 Hospital Details

1.1 Hospital name

North West Andlia NHS Trust

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

Peterborough City Hospital
Edith Cavell Campus
Bretton Gate
Peterborough
PE3 9GZ

1.3 Hospital Telephone number

(01733) 678000

Part 2 ICU Department contact details

2.1 Direct telephone number to Department

017330673900

2.2 Faculty Tutor name

Dr Coralie Carle

2.3 Faculty Tutor Email address

Coralie.carle@nhs.net

Part 3 Unit Structure

3.1 Number of Beds

16

3.2 Number of admissions

800 per year

3.3 Percentage of elective vs emergency admissions

80% Emergency v 20% Elective

3.4 Overview of case mix within the unit

Our Critical Care Unit consists of 16 bed spaces, generally running with 12 nursing equivalents. The beds are used flexibly between Level 2 and Level 3 patients. The unit has about 800 admissions each year. There are facilities for both complex invasive and non-invasive monitoring. We use Hamilton ventilators and provide haemodiafiltration when required. There is a Critical Care Consultant resident between 0800 and 2200hrs seven days a week. There is a 24/7 Critical Care Outreach Team which is fully staffed by specialist nurses. We also have dedicated Consultant-led Critical Care Follow-up clinics. We have a typical large DGH case mix plus elective major maxillo-facial and general surgical admissions. Neurosurgical and trauma patients are transferred to Addenbrookes Hospital, cardiothoracic to Papworth Hospital and paediatric patients, after a period of stabilisation, are collected by a specialist transfer team, from Great Ormond Street or Leicester.

3.5 Names of Consultants, roles and areas of interest

Name	Role (eg clinical lead, consultant)	Areas of interest
Muhammad Sharafat	Clinical Lead	Clinical lead for Organ Donation
Coralie Carle	Faculty Tutor	Research, Echocardiography, Rotas
Phil Dalrymple	MOD ICM/Anaes Consultant	Transfer training
Matthew Davies	ICM/Anaes Consultant	Rehab, End of Life, Well being
Toby Elkington	MOD ICM/Anaes Consultant	Nutrition, Trauma
Marat Mazalkov	ICM/Anaes Consultant	L2 admissions
Katherine Mortimer	ED/ICM Consultant	Resuscitation, CCOT
Henry Nash	MOD ICM/Anaes Consultant	FY tutor
Brendan Pearmain	ICM/Anaes Consultant	Rota co-ordinator
Sabina Popa	ICM/Anaes Consultant	Follow Up Clinics
Rohan Vandabona	ICM/Anaes Consultant	Mortality and Morbidity

3.6 Details of research projects being undertaken within the unit

The Critical Care Unit is actively involved in clinical research and has a full time research nurse embedded within the unit. The unit has participated in a number of National Institute of Health Research (NIHR) portfolio studies. These have included: ProMISe, Breathe, POPPI, SCIN, PHARLAP, The 65 Trial and Stress-L. In addition to research based within the Critical Care Unit collaborative work has also taken place with the department of anaesthesia (iHype, SNAP2, FLOELA, DALES) and with the local East Anglian paramedic teams (Airways 2).

3.7 How is the unit staffed

Weekdays

Two daytime Consultants between 8am and 6pm.

On call Consultant starts at 5pm and is resident until 10pm. The Consultant is on call from home between 10pm and 8am the next morning.

The unit is staffed 24 hours a day with one airway and one non-airway trained trainee with additional support from a senior anaesthesia trainee if required (0800-2045 and 2000-0845 full shift patterns).

Weekday daytime has additional trainees (0800-1730)

Weekend

One daytime Consultant between 8am and 6pm.

On call Consultant starts at 5pm and is resident until 10pm. They are then on call from home between 10pm and 8am the next morning.

The unit is staffed 24 hours a day with one airway and one non-airway trained trainee with additional support from a senior anaesthesia trainee if required (0800-2045 and 2000-0845 full shift patterns).

Part 4 Training

4.1 Details of training opportunities on the unit

We are a busy, expanding unit in an area with a large young population with complex health needs. We have a motivated consultant body with a variety of interests and as a result there are numerous opportunities available whilst working on our unit. The opportunities include: bedside echocardiography with a FICE mentor; management experience; organ donation projects; morbidity and mortality analysis and reviews; participation in audit; involvement in large national research trials; patient safety projects; and teaching opportunities. We have a FRCER examiner and a RCOA examiner amongst our Consultants and so provide extensive support for trainees preparing for examinations. Trainees are encouraged to present regionally and nationally had we have a strong track record for both oral and poster presentations at national meetings. Trainees will gain experience in the stabilisation of the critically unwell child. Paediatric patients are admitted to the unit (sometimes for several hours) prior to retrieval by a specialist transfer team.

4.2 Details of departmental teaching days

Informal teaching offered every afternoon on the Critical Care Unit.
Weekly Departmental Teaching aimed at the Primary FRCA / basic sciences.
Involvement in the Medical Student teaching program.
Weekly journal club.

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

Departmental monthly Governance meetings.
ITU specific governance meeting 4 times yearly.
Morbidity & Mortality meetings held monthly.

4.4 Number of trainees on each tier of the rota

There are two tier of trainees covering Critical Care. Due to Covid surge planning, each consists of seven trainees. One tier has advanced airway skills and is a mixture of CT and ST doctors. The other (non-airway) tier is a mixture of FY, ACCS, IMT and TG doctors. There is additional support if required from the senior anaesthesia tier if required. In total at night there are five anaesthesia / ICM trainees in the hospital - covering Critical Care (2), Emergency theatres (1), Obstetric Anaesthesia (1) and the Senior Trainee (1).