

The Faculty of Intensive Care Medicine

ICM Unit Brief

Part 1 Hospital Details

1.1 Hospital name

Addenbrooke's Hospital, Cambridge University Hospitals NHS Foundation Trust

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

Neurosciences Critical Care Unit
Box 1, Addenbrooke's Hospital
Hills Road
Cambridge
CB2 0QQ

1.3 Hospital Telephone number

01223 245151

Part 2 ICU Department contact details

2.1 Direct telephone number to Department

01223 216297

2.2 Faculty Tutor name

Dr JP Coles

2.3 Faculty Tutor Email address

jpc44@cam.ac.uk

Part 3 Unit Structure

3.1 Number of Beds

23

3.2 Number of admissions

1000

3.3 Percentage of elective vs emergency admissions

Less than 5%

3.4 Overview of case mix within the unit

NCCU is a 23 bed tertiary centre neurosciences and trauma intensive care medicine unit in Cambridge serving a population of 5.9 million people in the East of England.

We care for patients with traumatic brain injury, subarachnoid haemorrhage, ischemic stroke, complex multi-system trauma, and medical neurological diseases. We are closely linked with the University Department of Anaesthesia, the Wolfson Brain Imaging Centre which is co-located with NCCU, the East of England Major Trauma Centre, and clinical and research groups within Neurosciences, Orthopaedic and Trauma Surgery, and many other groups in Cambridge.

3.5 Names of Consultants, roles and areas of interest

Name	Role (eg clinical lead, consultant)	Areas of interest
Dr A Lavinio	Clinical Lead	NCCU & Anaesthesia
Dr JP Coles	University Lecturer & Faculty Tutor	NCCU & Neuroanaesthesia
Professor DK Menon	Professor of Anaesthesia & Consultant	NCCU
Dr B Matta	Consultant	NCCU & Anaesthesia
Dr R Burnstein	Consultant	NCCU & Anaesthesia
Dr A Gupta	Consultant, Director Post Graduate Education	NCCU & Anaesthesia
Dr R O'Leary	Consultant, Clinical lead for Education	NCCU & Anaesthesia
Dr A Ercole	Consultant	NCCU & Anaesthesia

3.6 Details of research projects being undertaken within the unit

CenterTBI (<https://www.center-tbi.eu>)
 Rescue ASDH (<http://www.rescueasdh.org>)
 Cogitate – CPPopt Guided Therapy: Assessment of Target Effectiveness
 NMDA PET in TBI
 NEST – NMDA receptors in Epilepsy, Stroke & TBI

3.7 How is the unit staffed

12 Consultants (currently 10 substantive & 2 locum posts)
 16 Junior doctors – combination of training posts and middle & senior grade clinical fellows working on a full shift rota, and 2 foundation year two trainees

Part 4 Training

4.1 Details of training opportunities on the unit

Posts are available for all levels of ICM training and are particularly suitable for candidates considering an out of program experience from their base specialty at intermediate, or advanced level of ICM training, or for specialists requiring post-CCT experience in neurosciences critical care or major trauma critical care.

Cambridge University Health Partners, the Academic Health Sciences Centre, and The Institute for Continuing Education at the University of Cambridge have developed the Cambridge Clinical Medicine Programme – designed to enhance the specialist skills of experienced clinicians and broaden their understanding of healthcare education, research, leadership and management. This programme includes the PGCert in Clinical Medicine a suite of courses which combine clinical, academic, and vocational training for senior trainees and new consultants.

We are pleased to offer a twelve-month rotation between the three intensive care units in Cambridge combined with the PGCert – a rotation designed for aspiring tertiary centre Intensive Care Medicine subspecialists (<http://cambridgecriticalcare.net/education/>)

4.2 Details of departmental teaching days

Our approach to critical care education in Cambridge is a mix of unit specific teaching which involves formal seminars, bed side teaching, and journal clubs, combined with Cambridge-wide initiatives such as the Cambridge Critical Care Education Group study days which occur three times per year, one for Transplant, General, and Haematology ICU, one for Neurosciences and Trauma, and one for Cardiothoracic ICU (<http://cambridgecriticalcare.net>)

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

Monthly M & M and Clinical Governance meetings

4.4 Number of trainees on each tier of the rota

Single tier multi-disciplinary rota comprised of a mixture of 16 senior & middle grade clinical fellows & speciality trainees with an additional daytime tier covered by 2 foundation year two doctors who rotate through the unit from the neurosciences division.