

The Faculty of Intensive Care Medicine

ICM Unit Brief

Part 1 Hospital Details

1.1 Hospital name

The James Cook University Hospital

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

The James Cook University Hospital
Marton Road
Middlesbrough
TS4 3BW

1.3 Hospital Telephone number

01642 850 850

Part 2 ICU Department contact details

2.1 Direct telephone number to Department

01642 282 680

2.2 Faculty Tutor name

Alexander Scott

2.3 Faculty Tutor Email address

Alexander.scott2@nhs.net

Part 3 Unit Structure

3.1 Number of Beds

33 (Cross cover 45, Surge 56)

3.2 Number of admissions

1687 (2020) 1500 (2021)

3.3 Percentage of elective vs emergency admissions

L3: 6.9% Elective, 93.1% Emergency L2: 33.4% Elective, 66.6% Emergency

3.4 Overview of case mix within the unit

Combined unit consisting of 2 linked 8 bed level 3 areas and a 17 bed level 2 area.

Total level 3 admissions per year approx 800, total level 2 admissions per year approx 1500

General adult unit accepting all critical care except cardiothoracic (separate area).

Tertiary referral unit for neurosurgery (separate level 2 area), adult major trauma (except major burns), upper GI surgery, vascular surgery, spinal injuries and renal medicine.

3.5 Names of Consultants, roles and areas of interest

Name	Role (eg clinical lead, consultant)	Areas of interest
Prof. Stephen Bonner	Consultant Clinical Lead Organ Donation	Neuro-Trauma ITU Research
Dr Michelle Carey	Consultant Clinical Director	
Dr Stephen Chay	Associate Specialist	Renal Critical Care
Dr Richard Cree	Consultant	Neuro ITU
Dr Nicola Cree	Consultant	Neuro ITU Education, CRBSIs
Dr Alaa Dakak	Consultant	Acute Medicine
Dr Uwe Franke	Consultant Trust Emergency Preparedness Lead	Education Undergraduate Tutor
Dr Emilio Garcia	Consultant Clinical Lead ICU2	Renal Critical Care
Dr Isabel Gonzalez	Clinical Lead Critical Care Outreach and Complex Long-Term Respiratory	North England CritCare Network Chair National Outreach Forum
Col Jeremy Henning	Consultant	Recruitment, Bioethics FFICM Examiner
Wg Cdr Mark Howley	Military Consultant	FICE Mentor, POCUS, Aeromedical Retrieval
Dr Cathy Lawson	Consultant	Sustainability Wellbeing
Col Tim Lowes	Military Consultant	Military Medicine and Trauma
Dr Colin McAdam	Consultant Deputy Faculty Tutor	Education FICE Mentor
Dr Scott McGregor	Associate Specialist	Pre-hospital care and Trauma
Dr David McIntosh	Consultant	Foundation Tutor FICE Mentor
Dr Diane Monkhouse	Consultant Clinical Lead GHDU	Training and Patient Safety Lead Medical Examiner
Dr Jost Mullenheim	Consultant	Echocardiography Research
Surg Lt Cdr Adrian Proffitt	Military Consultant	Acute Medicine
Dr James Ryan	Consultant	Trust Director of Medical Education (DME)
Dr Alexander Scott	Consultant Faculty Tutor	POCUS, FUSIC Mentor Access to ITU
Dr Michelle Shaw	Consultant	Simulation Regional Teaching Lead
Dr Caroline Smith	Consultant	M+M Lead Coaching
Wg Cdr Emma Watson	Military Consultant	Transfer Lead POCUS,
Lt Col Brett Webster	Military Consultant	Military Medicine
Dr Steven Williams	Consultant Clinical Governance Lead Clinical Lead Organ Donation	Echocardiography Cardiac Critical Care Patient Safety Ambassador
Dr Judith Wright	Consultant Clinical Lead ICU 3	Medical Examiner Neurosciences and outcome

Further expansion of both the civilian and military consultant body is in progress.

3.6 Details of research projects being undertaken within the unit

Study (PI) – New studies added regularly. Currently recruiting to;

A-STOP (UF)	BLING III (UF)	HEMOTION (JW)	SOS (JW)
The Genetics of Subarachnoid Haemorrhage (SB)		Enlighten Study (SB)	
SIGNET (SB)	GENOMICC (SB)	ADAPT- Sepsis (SB)	REMAP-CAP (JH)

3.7 How is the unit staffed?

Daytime

- Nursing in accordance with GPICS standards.
- Consultants – five consultants responsible for each area, plus Spinal and Neuro HDU, Friarage Hospital Referrals and Outreach.
- Middle Grades - Three
- Junior tier – Five
- AHP – Pharmacists for each unit, Physiotherapy, Dieticians

Night

- Nursing in accordance with GPICS standards.
- Consultants – Two resident until 9pm, with ‘on call Consultant’ resident until 12am
- Middle Grades – Two
- Junior Tier - Five

Part 4

Training

4.1 Details of training opportunities on the unit

Case Mix

- Major Trauma Centre
- Neurosurgical and General ICM
- Regional Spinal injuries unit
- Opportunities for learning with direct and indirect consultant supervision.

POCUS

- Several FUSIC mentors available for direct scan supervision and review of scans.
- Strong track record in guiding trainees to accreditation.
- POCUS fellowship offered

Leadership and Management

- Management training with CD/Deputy CD
- “Acting up” opportunities available dependent on staffing
- Medical examiner teaching

Exam Preparedness

- FFICM Examiner
- Four EDIC examiners in department

Training and Research

- Centre of academic excellence including local RCTs
- Teaching programme for all rota tiers

Strong GMC survey results and staff safety a priority

4.2 Details of departmental teaching days

Monday - Middle Grade Teaching
 Tuesday – Junior Trainee Teaching
 Friday – MDT Simulation
 MDT Teaching - Airway course (2-3/yr)

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

Weekly

- Radiology MDT (Mondays)
- Long Stay Patient MDT (Tuesdays)

Monthly

- Morbidity and Mortality
- Clinical Governance
- Senior Staff

4.4 Number of trainees on each tier of the rota

Rota divided into Junior Tier and Middle Grade Tier. Each rota contains a mix of trainees, trust grade doctors, staff and associate specialist and clinical fellows.

Junior Tier (Presently 24)

- Includes a number of ACCP's (presently 7 qualified with 3 in training)

Middle Grade Tier (Presently 13)