

The Faculty of Intensive Care Medicine

ICM Unit Brief

Part 1 Hospital Details

1.1 Hospital name

Prince Charles Hospital

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

Prince Charles Hospital
Gurnos Road
Merthyr Tydfil
CF47 9DT

1.3 Hospital Telephone number

01685 721721

Part 2 ICU Department contact details

2.1 Direct telephone number to Department

01685721721 (28373)

2.2 Faculty Tutor name

Dr Najia Hasan

2.3 Faculty Tutor Email address

najia.hasan@wales.nhs.uk

Part 3 Unit Structure

3.1 Number of Beds

9

3.2 Number of admissions

537 per year

3.3 Percentage of elective vs emergency admissions

Approximately 10 – 15% of admissions are planned/elective vs 85% emergency

3.4 Overview of case mix within the unit

We have a 9 bedded unit with a mixed surgical and medical patient population. Patients are treated and cared for by a multidisciplinary team of intensivists, nurses and other allied health professionals. The management is consultant led with all admissions to the unit reviewed by a consultant intensivist within 12 hours of admission. We have close links to local tertiary hospitals.

Our unit is expanding: we are looking at moving into a 15 (with ability to adapt to the hospital's needs with up to 20 beds) bedded unit by 2026. We are also actively working on training and incorporating ACCPs into our team.

3.5 Names of Consultants, roles and areas of interest

Name	Role (eg clinical lead, consultant)	Areas of Interest
Dr Luis Macchiavello	Critical Care and Anaesthetic Consultant Clinical Lead PCH Critical Care	Clinical Governance Lead for Critical Care
Dr David Jones	Critical Care and Anaesthetic Consultant Critical Care Lead, Cwm Taf University Health Board	Regional Clinical Lead for Organ Donation for Wales
Dr Najia Hasan	Critical Care and Anaesthetic Consultant Faculty Tutor (ICM)	Education lead Clinical Lead for Organ Donation FUSIC (heart) Mentor
Dr Dariusz Tetla	Critical Care and Anaesthetic Consultant	Tracheostomy lead
Dr Szabolcs Kalman	Critical Care and Anaesthetic Consultant	Equipment Lead Teaching for nurses
Dr Omar Pemberton	Critical Care and Anaesthetic Consultant	Quality improvement
Dr Moayed Aziz	Critical Care and Anaesthetic Consultant	

3.6 Details of research projects being undertaken within the unit

Our department has been an active participant in the GenOMICC and RECOVERY trials during the pandemic. Our team was commended on the number of patients recruited on the GenOMICC study. At present we are not participating in any research, however, we are working on establishing leadership in this area as our department is expanding. We encourage evidence-based practice and engagement in critical appraisal of data.

3.7 How is the unit staffed?

24-hour critical care consultant cover (non-resident)

24-hour two-tiered resident rota as below:

ITU 1 (airway trained) rota – senior trainees and SAS doctors

ITU 2 (non-airway trained) rota – core & ACCS trainees, IMTs

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

Our unit is approved for stage 1 and 2 FICM, anaesthetic, ACCS and IMT training. We have also developed a focused training programme for foundation year 1 trainees and have received excellent feedback on this. We are able to offer point of care ultrasound and FUSIC heart training with supervision/mentorship for this.

We participate in national audit projects such as ICNARC, NELA.

Trainees are supported with participation in GPICS2 mapped quality improvement projects.

Our unit has also provided placement for ITU experience to wider allied health professionals including students in respiratory and sleep sciences with positive feedback.

4.2 Details of departmental teaching

Thursday afternoon teaching (protected teaching time) with a rotational list of topics including journal club, basic sciences, case-based discussions, simulation, imaging and mortality/morbidity.

Weekly MDT meetings at which trainees participate and are encouraged to present cases they have assessed.

FICM trainee/StR led “Hot Case of the week” discussion once/week.

Wales FICM study days 10/year.

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

Monthly departmental audit day that alternates with governance days (this is combined with the anaesthetics team)

M & M meetings every 4 – 5 weeks

Weekly ICM governance meeting led by the clinical director

4.4 Number of trainees on each tier of the rota

Currently,

ITU 1 (airway trained) rota – 7 posts covered out of 8

ITU 2 (non-airway trained) rota – 6 posts covered out of 8