

The Faculty of Intensive Care Medicine

ICM Unit Brief

Part Hospital Details

1.1 Hospital name

Royal Glamorgan Hospital

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

Ynysmaerdy
Pontyclun
CF72 8XR

1.3 Hospital Telephone number

01443 443443

Par ICU Department contact details

2.1 Direct telephone number to Department

01443 443443 (73600)

2.2 Faculty Tutor name

Dr Bethan Gibson

2.3 Faculty Tutor Email address

bethan.gibson@wales.nhs.uk

Par Unit Structure

3.1 Number of Beds

10

3.2 Number of admissions

573

3.3 Percentage of elective vs emergency admissions

Elective 15% vs 85% Emergency

3.4 Overview of case mix within the unit

Mixed general medical and surgical district general hospital serving 10% of the Welsh population. The unit is a closed unit. We cover all specialties excluding, paediatrics, neurosurgery and cardiothoracics. All admissions are reviewed by a consultant intensivist within 12hrs of admission as per GPICS standards. We participate in the ICNARC case mix program. We have an MDT consisting of dietician, physiotherapy, SALT and psychology whom are all active on the unit.

3.5 Names of Consultants, roles and areas of interest

Name	Role (eg clinical lead, consultant)	
Piroska Toth Tarsoly	Clinical Lead	Clinical Director
Bethan Gibson	Consultant	Faculty Tutor, Follow up Lead.
Ceri Lynch	Consultant	Research Lead
Peter Fitzgerald	Consultant	End of Life Care
Jay Singh	Consultant	Sepsis/Ultrasound
Anita Fejer	Consultant	Governance
Mahmood Rafiq	Consultant	Equipment lead

3.6 Details of research projects being undertaken within the unit

We have regularly appeared in the top site for patient recruitment in the UK for several of our studies.

ISARIC	Observational study of hospital patients with COVID-19. Now complete
ADAPT	BiomArker guided duration of Antibiotic treatment in hospitalized patients with moderate to severe sepsis.
A STOP	Multicenter study investigating the accuracy of rapid tests for fungal infection.
REMAP-CAP	Platform trial that evaluates multiple aspects of care of patients who are admitted to ICU with severe pneumonia
RECOVERY	Assessment of multiple different treatments on outcome in COVID-19 and now also viral influenza.
GenOMICC	Global study to better understand and treat critical illness by identifying the identifying the genomic influence on the inflammatory response.
VITAL	UK study investigating the difference between intravenous and inhalational anaesthesia. In set up
MOSAICC	Multicentre trial investigating the effect of bicarbonate infusion in acute kidney injury. In set up
VR-READY	Local study mapping the patient journey to recovery after critical illness and co-producing a virtual reality guided intervention to assist with rehabilitation

3.7 How is the unit staffed?

24hour Critical Care Consultant cover (non resident)
 24hr Critical Care airway trained trainee/SAS (resident)
 24hrs Non Airway trained/junior cover (this is not currently regularly covered)

Par

Training

4.1 Details of training opportunities on the unit

We are approved for training and have experience in stage 1 FICM, anesthetic, ACCS and IMT training. This year who have obtained stage 3 approval and will have trainees for 6/12 as part of their stage 3 FICM low volume unit training time. We are also able to offer SSY in Academia or Anaesthesia.

We can provide ECHO training and provide FICE supervision

We offer experience with ultrasound and able to provide FUSIC/POCUS mentorship.

Monthly simulation sessions are provided for trainees with ad-hoc simulation training on the unit.

Research participations in portfolio studies.

Opportunities for involvement in quality improvement projects and service evaluation.

4.2 Details of departmental teaching days

Weekly teaching shared with anaesthesia.
One session/month FICM teaching
One session/month Simulation training.
Monthly regional FICM training all day
Weekly FUSIC training (thu pm)

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

Monthly governance meetings
Monthly M&M regular on all cases with an expected mortality of <50%
Weekly MDT

4.4 Number of trainees on each tier of the rota

8 Trainees on ICU rota doing a 1 in 8 on call rota (12 hr on call)
Normal working day 08:00-17:30