

The Faculty of Intensive Care Medicine

ICM Unit Brief

Part 1 Hospital Details

1.1 Hospital name

Royal Alexandra Hospital, Paisley

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

Royal Alexandra Hospital,
Corsebar Road,
Paisley,
Renfrewshire
PA2 9PN

1.3 Hospital Telephone number

01418879111

Part 2 ICU Department contact details

2.1 Direct telephone number to Department

01413147069

2.2 Faculty Tutor name

Lisa Gemmell

2.3 Faculty Tutor Email address

Lisa.gemmell2@ggc.scot.nhs.uk

Part 3 Unit Structure

3.1 Number of Beds

23 (11 level 3, 12 level 2)

3.2 Number of admissions

1300

3.3 Percentage of elective vs emergency admissions

100% Emergency admissions (level 3)
Level 2 admissions – mix of elective/emergency admissions.

3.4 Overview of case mix within the unit

11 bedded mixed general intensive care unit
12 bedded level 1/2 unit.
Medical/Surgical admissions. Upper GI/ colorectal/urology/gynaecology.
Obstetric Critical care
Trauma unit.

3.4 Details of training opportunities on the unit

3.5 Names of Consultants, roles and areas of interest

Name	Role (eg clinical lead, consultant)	Areas of Interest
Dr. Michael Brett	Associate Director for Medical Education	Education
Dr. Brian Digby	SICSAG Audit Lead HEPMA lead WOS Trauma network lead	Management Sedation and Delirium
Dr. Lisa Gemmell	FUSIC heart/lung/abdomen Mentor FUSIC HD mentor FICM tutor ACCP lead	Echocardiography Bedside Imaging Renal Replacement Exam preparation INS:PIRE/ ICU follow up
Dr Philip Henderson	INS:PIRE/ICU follow up FUSIC heart	ICU rehabilitation Research
Dr Jamie Hornsby	Physician Intensivist	Respiratory medicine Pleural disease
Dr. Pauline O'Neil	CareVue and IT Lead INSPIRE (ICU follow-up) Clinical Governance Lead	Educational and Training ICU follow-up Governance, Morbidity & Mortality
Mr Patrick MacGoey	Surgeon Intensivist	Upper GI surgery Trauma fellowship
Dr Jacqueline McCarthy	Undergraduate trainer lead	Undergraduate education
Dr. Richard Price	Transfer Lead FUSIC and BSE Supervisor	Retrieval and Pre-Hospital, Echocardiography
Prof Kevin Rooney	Clinical Director Professor of Care Improvement, Clinical Lead for Organ Donation Research Lead SPSP Fellow (cohort 1)	Sepsis, Quality Improvement, Organ Donation
Dr Radha Sundaram	BAME Lead for Organ Donation SPSP Fellow (cohort 10) FICM Regional Advisor for Scotland	Organ Donation Renal Replacement Education and Training

3.6 Details of research projects being undertaken within the unit

Genetics of susceptibility and mortality in critical care (GenOMICC)

A2B: Alpha 2 agonists for sedation to produce better outcomes from critical illness: A randomised, parallel-group, allocation concealed, controlled, open, phase 3 pragmatic clinical and cost- effectiveness trial with internal pilot

REMAP-CAP: Randomised, Embedded, Multifactorial, adaptive platform for CAP and COVID-19

GENOMICC: The genomics of critical illness, now also recruiting those with COVID-19

RECOVERY: Randomised Evaluation of COVID-19 Therapy

COVID-RV: Interaction between Right Ventricle and those mechanically ventilated for those with COVID-19 (completed) with steps to look at RV dysfunction whilst critically ill.

EVIS: Peripheral noradrenaline in septic shock

EPOCHS: Incidence and progression/current management of cardiogenic shock in critical care.

3.7 How is the unit staffed

Junior Rota: Full shift 4-person rota. Residential 1A New Deal Compliant

Senior/Stage 3 trainee: Single post, non-resident Band 1A, New Deal Compliant. 1 in 5 on call

Staff Grade providing 42 sessions per year

Advanced Critical Care Practitioner: 4 fully trained, 2 in training

Consultant rota: "Consultant of the week", with 1 in 10 on-call during non-ICU weeks.

Foundation doctors – 3 FY1's. Residential 1A New deal complaint.

IMT's: In transition, numbers vary. Supernumary currently with aim for immersive rota to meet curriculum requirements.

Part 4 Training

4.1 Details of training opportunities on the unit

Echocardiography (Qualified FICE mentors and Supervisor),

Bed side Ultrasound

Renal replacement therapy (citrate)

Quality improvement (Professor of Care Improvement and Former Clinical Lead for Acute Adult Scottish Patient Safety Programme)

ICU Follow-up clinic (INSPIRE)

University teaching opportunities

Research opportunities

ACCP and nurse training programme teaching opportunities

Bedside simulation

Embedded Quality Improvement work and projects to participate in:

ICU Referral and Admissions and feedback

Efficacy and cost savings of renal replacement therapy

Safe tidal volumes and weaning from mechanical ventilation^{[1][2]}_{SEP}

EOL pathway

Feeding and stress ulcer prophylaxis

GPICS Contributor

“What matters to me” patient-centred care

Sedation and delirium

4.2 Details of departmental teaching days

Weekly ICM Teaching Programme
 Monthly Journal Club
 Educational component of MDT weekly

In house courses available:
 Central Venous Cannulation
 Tracheostomy Safety
 ALS (quarterly)
 APLS (annually)
 Transfer

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

Weekly departmental grand round Meeting – includes significant incident reviews and educational presentations
 Monthly Morbidity and Mortality Review
 Regional biannual Morbidity and Mortality

4.4 Number of trainees on each tier of the rota

Junior: 4 trainees and 1 Staff grade
 Senior: 1 Stage 3 trainee
 IMT's: Numbers vary
 FY1's: 3 per 4 month cohort
 Clinical fellows: 2 per year
 ACCP's: 4 trained, 2 currently in training.