

The Faculty of Intensive Care Medicine

ICM Unit Brief

Part 1 Hospital Details

1.1 Hospital name

Bristol Royal Hospital for Children

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

Upper Maudlin Street
Bristol
BS2 8BJ

1.3 Hospital Telephone number

0117 342 0000

Part 2 ICU Department contact details

2.1 Direct telephone number to Department

0117 342 8843

2.2 Faculty Tutor name

Sarah Goodwin

2.3 Faculty Tutor Email address

sarah.goodwin@uhbw.nhs.uk

Part 3 Unit Structure

3.1 Number of Beds

18

3.2 Number of admissions

600-700 annually

3.3 Percentage of elective vs emergency admissions

40:60

3.4 Overview of case mix within the unit

The paediatric critical care service consists of a PICU with 18 beds, a distributed High Dependency Care model with 16 commissioned beds and Wales and West Acute Transport for Children. PICU admits around 700 children per year with approximately 45% of these being through the cardiac programme. WATCH receives around 1200 referrals annually, of which approximately 600 need transfer.

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3.5 Names of Consultants, roles and areas of interest

Name	Role (eg clinical lead, consultant)	Areas of Interest
Chris Stutchfield	Clinical Lead	
Matt Christopherson	Deputy lead	IT
Dora Wood	Watch transport lead	
Omer Aziz	CLOD	
Debbie Cross	Governance lead	
Peter Davis	Network lead	Research
James Fraser	Consultant	
Kunal Gadhvi	QI lead	
Sarah Goodwin	Education lead, FICM and PICM	
David Grant	senior lecturer	healthcare management
Adrian Humphry	Simulation lead	
Tom Jerrom	ECMO lead	
Ali Perry	Consultant	Research
Alvin Schadenberg	Lead for child death review	Research

3.6 Details of research projects being undertaken within the unit

Multiple national multicentre studies always running – currently including Gastric (feeding) and Pressure (blood pressure targets).

3.7 How is the unit staffed?

<p>The senior medical team consists of 15 consultants and 1 associate specialist who work across PICU, WATCH and HDU. 4 additional consultants cover a combination of HDU and paediatrics.</p> <p>The consultant group are active in the PICM community at all levels from local to international - at present this includes the president of the Paediatric Critical Care Society, Clinical lead of the Southwest paediatric critical care network, clinical lead for paediatric organ donation and transport chair of the European Society of Paediatric and Neonatal Intensive Care. There is an active simulation and education team, a research team and a quality improvement team which allows trainees to easily develop any interests they might have in these areas.</p> <p>The trainee group are made up of PICM subspecialty trainees, paediatricians, adult anaesthetics and intensive care trainees, emergency trainees and fellowship trainees in simulation and QI.</p> <p>The unit is supported by 2 dedicated pharmacists, a dietician, a physiotherapy team, a psychologist as well as the dedicated PICU matron and senior nursing team.</p>

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

Bristol PICU is able to provide paediatric training for the FICM program and is an approved centre for PICM Grid training. As well as on unit experience trainees are part of the rapid review team covering the children's hospital and gain experience of the transport of critically ill patients through the watch service.

Due to the wide spectrum of consultant specialist interests we are able to support trainees to develop in non-clinical aspects of intensive care to suit their own needs and wishes. PICU has an active research focus and as a trainee you are given opportunities to become part of ongoing research trials. We have supported previous fellows becoming associate principal investigators. We also aid and mentor in prepping for posters, publications and in learning the critical skills for research development and analysis.

4.2 Details of departmental teaching

PICU has an extensive teaching program that is regularly nominated by trainees in the region for excellence and this year won training environment of the year. Sub speciality trainees are expected to take an active part in the teaching program and are very welcome to develop their teaching skills during their time with us. Formal teaching courses are available locally. Departmental teaching includes weekly unit session, monthly training days, weekly WATCH teaching, daily night round with education focus, monthly simulation days, extensive induction program including "new2picu" course, weekly journal club, cardiac and neurological study days and many more.

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

Trainees have the opportunity to participate in our monthly research, business, governance and quality improvement meetings on Wednesdays. Non-clinical time is provided for our senior trainees to support this crucial part of preparation for consultant life.

4.4 Number of trainees on each tier of the rota

Sub-speciality trainees work within a group of around 24 doctors and 3 advanced transport nurse practitioners to provide middle grade cover to PICU and WATCH as part of a full shift 12 week rolling rota. Trainees work an average 1 in 3 weekends, as a combination of short/long days, nights and WATCH shifts. The average 43 hour work week includes SPA time and time for internal and external study days. There is flexibility in the rota to allow study and annual leave to be taken when requested.