

ANNUAL MEETING 2018



PROGRAMME OF EVENTS



8th November 2018

College Court

Leicester, LE2 3UF



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LEICESTER



HQIP

Healthcare Quality
Improvement Partnership



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Programme

- 09.30 **Registration**
Refreshments on arrival
- 10.00 **Welcome and Introduction to Morning Session**
Professor Elizabeth Draper, PICANet Co-Principal Investigator
(Chair of Morning Session)
- 10.10 **PICANet Annual Update 2018 and GDPR**
PICANet Team
- 10.50 **Update on the Critical Care Review in England, next steps...**
Dr Peter Wilson
Chair NHS England's Women & Children's Program of Care Board
- 11.20 **"My Baby's Life: Who decides?" - Influencing the Decision Environment**
Dr Iain Macintosh
Director of Paediatric Intensive Care, Southampton Children's Hospital
- 11.50 **From PICU to a Children's Hospice, who, why, when and how?**
Jo Sims, Clinical Nurse Specialist in Palliative Care,
Head of Family Support & Outreach Services, Rainbows Children's Hospice
- 12.30 **LUNCH**
- 13.40 **Introduction to Afternoon Session**
Dr Richard Feltbower, PICANet Co-Principal Investigator
(Chair of Afternoon Session)
- 13.45 **Data matters to make all needs visible: Development of a SNOMED CT terminologies set. (Audio annotated presentation)**
Karen Horridge
Consultant Paediatrician (Disability), Sunderland Royal Hospital
- 14.15 **The FEVER Feasibility Studies**
Professor Mark Peters
Chief Investigator for the Fever Studies & Consultant Intensivist Great Ormond Street Hospital
- 14.45 **The DEPICT Study**
Dr Padmanabhan Ramnarayan
Paediatric Intensive Care Consultant, Children's Acute Transport Service London
- 15.15 **Continual Renal Replacement Therapy: CRRT provision in UK PICUs; feedback and next steps from on-going custom audit**
Dr Claire Westrope
Paediatric Intensive Care Consultant, University Hospitals of Leicester
- 15.45 **Discussion and Closing Remarks**
- 16.00 **Meeting Closes**

10.10: PICANET ANNUAL UPDATE 2018

PICANet are able to share some of the findings from the 2018 data analysis. These are areas that will be highlighted in the Annual Report when it is published.

The report will be available to view and download from the PICANet website:
<https://www.picanet.org.uk/annual-reporting-and-publications/>

Discussion and highlights from the report will be discussed in the first session of the day, along with an update on regulatory aspects (including the General Data Protection Regulation).

10.50 UPDATE ON THE CRITICAL CARE REVIEW IN ENGLAND, NEXT STEPS...

An update on the progress and proposals emerging from NHS England's review of Critical Care services including Paediatric Intensive Care.

DR PETER WILSON, NHS ENGLAND



- Consultant in Paediatric Intensive Care Medicine (2003-)
- Clinical Director of Southampton Children's Hospital. (2010-).
- Immediate Past President- Paediatric Intensive Care Society
- Clinical Chair Women and Children's Programme of Care Board, NHSE (2015-)

Peter has been a consultant in paediatric intensive care medicine at the University Hospital Southampton NHS Foundation Trust since 2003. He has been involved in delivering critical care for 15 years.

Peter has been Clinical Director of Southampton Children's Hospital since 2010 and has created a number of regional networks to improve care and efficiency.

He is immediate past President of the Paediatric Intensive Care Society, a position that involved creating national standards, implementing national plans and working with commissioners around issues such as capacity management especially during winter pressures.

In 2015, he took up a post with NHSE delivering paediatric and women's specialist services nationally. He is involved in the national reviews of PIC, NIC, paediatric surgery and cardiac surgery.

11.20: “MY BABY’S LIFE: WHO DECIDES?” - INFLUENCING THE DECISION ENVIRONMENT

Our unit at University Hospital Southampton, was involved in a well-received Channel 4 documentary about caring for children in ICU with complex and life-limiting problems. I will talk about the making of the documentary, why I think it was important and why we need to be involved as a community in ventures like this.

DR IAIN MACINTOSH, SOUTHAMPTON CHILDREN’S HOSPITAL



Iain is a PICU Consultant and for the last 7 years he has been the Director at University Hospital Southampton, a large, combined PICU serving the population of Southern England.

11.50: FROM PICU TO A CHILDREN'S HOSPICE, WHO, WHY, WHEN AND HOW?

In recent years there has been an increase, across the UK, of PICUs and Children's Hospices working together to enable increased choices for families whose child is at end of life; including those when withdrawal of treatment is appropriate. This presentation will outline how Rainbows Hospice has supported families whose children are or have been on PICU. We will also explore why there is value in offering these choices as well as the practical considerations.

JO SIMS, RAINBOW CHILDREN'S HOSPICE



Jo is a Registered Adult Nurse and a Registered Sick Children's Nurse. She has worked in Paediatric Palliative Care for in excess of 20 years. Jo is currently a Senior Nurse at Rainbows Hospice for Children and Young People in Leicestershire.

Jo leads a Multi-disciplinary team offering holistic support and outreach to families that include a child with a life-limited condition.

Jo has a Masters in Hospice Leadership.

Jo Sims RGN, RSCN, MA.

13:45: DATA MATTERS TO MAKE ALL NEEDS VISIBLE: DEVELOPMENT OF A SNOMED CT TERMINOLOGIES SET.

SNOMED CT is a structured clinical vocabulary for use in an electronic health record. Introduction in general practice care has commenced and will be continued in the acute sector, for implementation by April 2020. PICANet will introduce SNOMED CT to PICANet Web.

A presentation and audio commentary regarding the introduction and use of the SNOMED CT coding system for acute care, has been developed by Karen Horridge, Paediatrician, Sunderland Royal Hospital and will be delivered in this session.

KAREN HORRIDGE, SUNDERLAND ROYAL HOSPITAL



Karen Horridge is a disability paediatrician in Sunderland, course director for the MSc in Paediatric Neurodisability, Sheffield Hallam University, chair of the North of England Collaborative Cerebral Palsy Survey, clinical lead for Disability Matters and former chair of the British Academy of Childhood Disability.

Karen has been instrumental in the development of a subset of SNOMED CT codes known as the Disabilities Terminology Set (DTS).

14.15: THE FEVER FEASIBILITY STUDIES

A fever (high temperature) is a normal response by the body to infection. When a very sick child has a fever, the usual reaction from clinicians (doctors/nurses) is to cool down the child using medications or physical methods such as a cooling mat. The temperature at which clinicians usually start these treatments is about 37.5°C.

There is strong evidence, however, that fever is an important bodily response that may help a child to recover from infection. In 2013, the National Institute for Health and Care Excellence (NICE) updated their guidance to recommend that medications should not be used only for the purpose of reducing a child's temperature. Most of the evidence for this recommendation came from research in non-critically ill children, therefore, it is unknown whether this recommendation should be applied to children, with fever due to infection, in a paediatric intensive care unit (PICU).

Prior to conducting a large, expensive, clinical trial to find out whether a higher temperature threshold to start treatments to cool down a child would be beneficial, the FEVER Feasibility Study aimed to address the question "can a large clinical trial be done?"

Professor Mark Peters will update and discuss the latest findings from this three phase study.

PROFESSOR MARK PETERS, GREAT ORMOND STREET CHILDREN'S HOSPITAL



Professor Mark Peters MBChB, MRCP(UK), FRCPCH, PhD
Consultant Paediatric and Neonatal Intensivist
Great Ormond Street Hospital NHS Trust
Professor of Paediatric Intensive Care,
UCL Great Ormond Street Institute of Child Health

Mark Peters trained as a Paediatric intensivist in Bristol and London before undertaking a PhD in innate immune mechanisms in critical illness at UCL. He was appointed as a Consultant Paediatric Intensivist at Great Ormond Street Hospital in 2000.

He chairs the NIHR Childrens' Clinical Study Group for Anesthesia, Intensive care and Cardiology, was chair of the UK Paediatric Intensive Care Society Study Group from 2009-16. He edits Paediatric contributions to Intensive Care Medicine. He was awarded a Chair in Paediatric Intensive Care at UCL on 2014.

His research interests are focused on defining the limits of adaptive physiology in children and building collaborations to answer important basic questions in clinical care in the PICU. He was the chief investigator on the recently completed 'FEVER' and 'Oxy-PICU' and 'SCARF' MCRCTs testing out more permissive approaches to abnormal physiology on the basis that they may be, in part, adaptive.

14:45: THE DEPICT STUDY

Each year nearly 5000 critically ill children need transfer from their local hospitals to regional PICUs. The majority of children are transported by one of 12 UK specialist paediatric critical care transport teams (PCCTs). National standards specify that a PCCT should reach the patient's bedside within 3 hours of referral acceptance but there is national variation in how often this standard is met as well as between PCCTs in team composition, interventions performed during transport and rate of critical incidents. It is unclear if these differences have any impact on clinical outcome and patient experience.

DEPICT (Differences in Emergency Paediatric Intensive Care and Transport) is an NIHR-funded mixed methods study (2017-20) that aims to understand the impact of national variations in transport on clinical outcomes as well as patient/family experience. The research study has four inter-linked work streams (data linkage/analysis; questionnaires and interviews study; health economic evaluation; and mathematical modelling). In the data linkage/analysis work stream, PICANet data on children transported to PICUs in England and Wales (2014-16) will be linked to HES/ONS data and ICNARC Case Mix Programme data to provide a comprehensive picture of the child's care pathway from acute hospital admission through to PICU transport, PICU admission and up to 1 year post-PICU discharge. Statistical models will be developed to study the impact of transport factors (time to bedside, team composition, interventions) on 30-day mortality and other secondary outcomes following adjustment for confounding variables. Findings from the DEPICT study have the potential to change clinical practice, and inform national standards and guidelines as well as information resources for patients/families.

DR RANARAYAN PADMANABHAN, CHILDRENS ACUTE TRANSPORT SERVICE



Dr Padmanabhan Ramnarayan (Ram) is a Consultant Intensivist working at the Children's Acute Transport Service (CATS) with sessional commitments on the PICU at St Mary's Hospital, London. He has been a GOSH consultant for 11 years.

Ram is a member of the Paediatric Intensive Care Society, European Society of Paediatric and Neonatal Intensive Care, Royal College of Paediatrics and Child Health and is a Fellow of the Faculty of Intensive Care Medicine.

Ram has a special interest in the use of information and technology for innovation and quality improvement.

15.15 CONTINUAL RENAL REPLACEMENT THERAPY: CRRT, PROVISION IN UK PICUs; FEEDBACK AND NEXT STEPS FROM ON-GOING CUSTOM AUDIT

In collaboration with PICS and PICANET, we have developed the renal custom audit looking at all episodes of continuous renal replacement therapy in UK PICU's. I will be presenting an update on this audit, along with a summary of the data we have collected so far and discuss plans for how we utilise and disseminate this unique and valuable data.

DR CLAIRE WESTROPE, UNIVERSITY OF LEICESTER NHS TRUST



Claire has been a Consultant in PICU and ECMO since 2010 and the Clinical Lead for PICU since September 2015 at University Hospitals of Leicester NHS Trust.

Claire's interest in extracorporeal therapies encompasses both ECMO and renal replacement therapy, and she is involved in both ECMO and CRRT subgroups of the Paediatric Intensive Care Society.

DELEGATE LIST

First Name	Surname	Job Title	Company
Terna	Aondoana	Legal Practitioner	Aondoana TV & Partners
Liz	Bailey	Network Care Project Manager	Nottingham University Hospitals
Peter	Barry	Consultant Paediatric Intensivist	University Hospitals of Leicester
Christopher	Beaves	Speciality Trainee Doctor (6)	Sheffield Children's Hospital
Rachael	Bedingfield	Nurse Specialist Paediatric Transport	The Newcastle upon Tyne Hospitals NHS Trust
Jacqui	Bone	PA to Paediatric Intensivists	University Hospitals of Leicester
Erika	Brereton	Data Manager	Our Lady's Children's Hospital, Crumlin
Kate	Brown	Consultant	Great Ormond Street Hospital
Jade	Bryant	Audit Nurse	Sheffield Children's NHS Foundation Trust
Samantha	Burns	Clinical Audit Nurse	Sheffield Children's NHS Foundation Trust
Sophie	Butler	Project Officer	PICANet
Jacqueline	Chamberlain	Data Entry Clerk	NHS
Simon	Chiles	Advanced Nurse Practitioner	University Hospitals of Leicester
Kathryn	Claydon-Smith	Acting Clinical Nurse Manager	North West and North Wales Paediatric Transport Service
Alexander	Connolly	Audit Officer	Nottingham University Hospitals
Gemma	Conroy	Sister	Newcastle NHS Trust
Brenda	Cousins	Administrator	Royal Manchester Children's Hospital
Olwen	Cowen	Lead Nurse	The Royal London Hospital
Mark	Davidson	Doctor	Royal Hospital for Children, Glasgow
Ashley	Daye	Retrieval Nurse	ScotStar
Julie	Dodds	Sister	Newcastle upon Tyne NHS Trust
Elizabeth	Draper	Principal Investigator	PICANet
Richard	Feltbower	Principal Investigator	PICANet

Andrew	Fleming	National Clinical Audit Manager	Intensive Care National Audit & Research Centre (ICNARC)
Lynsey	Freeburn	Paediatric Transport Coordinator	Belfast Health and Social Care Trust
Sam	Harper	Project Manager	Health Quality Improvement Partnership (HQIP)
Tracy	Harris	Audit & Research Assistant	PICANet
Stacey	Harwood	Call Centre Administrator	Embrace Transport Service
Katie	Higgins	Paediatric Intensive Care Transport Sister	North West and North Wales Paediatric Transport Service
Victoria	Hiley	Operational and Development Manager	PICANet
Abi	Hill	Paediatric Transport Team Leader	CoMET
Elizabeth	Holmes	Audit Co-Ordinator	Leeds General Infirmary
Jason	Hyland	Charge Nurse PICU	The Portland Hospital, HCA Healthcare
Jennifer	Jefferson	Retrieval Nurse	ScotStar
Marianne	Jeffries	PICU Information Analyst and Clinical Data Manager	Bristol Royal Hospital for Children
Manojkumar	Kalappurackal	Data/CIS Manager	Royal Hospital for Sick Children, Edinburgh
Ramesh	Lakkavalli Sathyamurthy	Locum Consultant PICU	Kings College Hospital
Caroline	Lamming	Research Nurse	PICANet
Marie	Lawlor	Audit Nurse	Temple Street Children's University Hospital, Dublin
Pamela	Lawrence	Sister	Royal Stoke University Hospital
Margaret	Lucas	Data Entry Clerk	Birmingham Children's Hospital
Iain	Macintosh	Director of Paediatric Intensive Care	Southampton General Infirmary
Kelly	McArdle	Audit Clerk	Royal Stoke Hospital
Moya	McAtamney	Deputy Sister	Belfast Health and Social Care Trust
Wendy	McCabe	PICU Data Co-ordinator	Leicester Royal Infirmary
Lesley	Mitchell	Telephonist/call centre administrator	The Newcastle upon Tyne Hospitals NHS Trust
Lesley	Molony	Information Officer	Southampton General Infirmary
Francis	Mostyn	Business Development Manager	Mela Solutions Ltd
Catherine	Murphy	Paediatric Transport Nurse	CoMET
Abhishek	Narayanan	PICU Consultant	Royal Brompton Hospital

Rachel	Neal	Data Manager	St George's Hospital
Tanya	Nikitina	PICU Information Manager	Birmingham Children's Hospital
Lee	Norman	Database Manager	PICANet
Eileen	O Toole	Clinical Nurse Manager (3)	Temple Street Childrens University Hospital, Dublin
Sunday	Omonuwa	Admin & Data Manager	St Marys Hospital, Imperial College HealthCare Trust
Lyn	Palmer	Research Nurse	PICANet
John	Pappachan	Consultant	Southampton General Infirmary
Kate	Peace	Paediatric Renal Critical Care Nurse	Nottingham Children's Hospital
Catherine	Penrose	PICU Consultant	Leeds General Infirmary
Penny	Percival	Senior Staff Nurse	Royal Stoke University Hospital
Martin	Perkins	Software Developer	PICANet
Mark	Peters	Chief Investigator	FEVER Study
Amy	Pickard	Staff Nurse/ Audit Nurse	Sheffield Children's NHS Foundation Trust
Stephen	Playfor	Consultant Paediatric Intensivist	Royal Manchester Children's Hospital
Nick	Prince	Consultant	St George's Hospital
Fatemah	Rajah	Consultant	Embrace
Padmanabhan	Ramnarayan	Consultant	CATS
Sophie	Renshaw	Audit Nurse/Staff Nurse	Sheffield Children's Hospital
Katharine	Reynolds	PICU Data Validation Nurse	Bristol Royal Hospital for Children
Kelly	Robinson	Transport Sister	KIDS
Sarah	Seaton	Medical Statistician	University of Leicester
Kamalatheepan	Sellappillai	Rotational Fellow	University Hospitals of Leicester
Maria	Serrato	Information Manager	Great Ormond Street Hospital
Richard	Shanahan	Data Analyst	East Midlands Congenital Heart Centre
Annette	Shaw	Data and Quality Nurse	Royal Hospital for Children, Glasgow
Helen	Shaw	Data Coordinator	Addenbrookes Hospital
Tariq	Sheikh	Administrator	Royal Manchester Children's Hospital
Elaine	Simpson	Data Manager	Alder Hey Children's Hospital
Jo	Sims	Clinical Nurse Specialist in Palliative care	Rainbow Hospice

Michelle	Stedman	Staff Nurse	Newcastle Hospitals NHS Trust
Tracy	Stockton	Senior Staff Nurse	Royal Stoke University Hospital
Sarah	Taylor	Senior Sister	KIDS
Kirsty	Thomas	Sister	Newcastle Freeman Hospital
Sarah	Tomlinson	Audit and Quality Information Coordinator	Birmingham Children's Hospital
Ray	Trent	Call Centre Manager	Embrace
Rose	Tucker-Jefferies	Assistant Data Manager	Bristol Royal Hospital for Children
Alastair	Turner	Consultant in PIC	Royal Hospital for Children, Glasgow
Salman	Uddin	Medical PA/Secretary	Royal London Hospital
Patience	Utsihwegota	CoMET Data Clerk	University Hospitals of Leicester
Leanne	Viggars	Senior Staff Nurse	Royal Stoke University Hospital
Mike	Wafer	Paediatric Critical Care Network Manager	Royal Manchester Children's Hospital
Anand	Wagh	Consultant - Paediatric Intensive Care	Alder Hey Children's Hospital
James	Weiitz	Doctor	John Radcliffe Hospital, Oxford
Claire	Westrope	Paediatric Intensive Care Consultant	Leicester Royal Infirmary
Debbie	White	Clinical Research Nurse	Addenbrookes Hospital, Cambridge
Teresa	Wilson	Matron	Royal Stoke University Hospital
Peter	Wilson	Chair of Women & Children's Programme of Care Board	NHS England
Renate	Winterbottom	PICU Data Analyst	John Radcliffe Hospital, Oxford

CPD INFORMATION

CPD CREDITS

The Royal College of Paediatrics and Child Health (RCPCH) has approved this activity for CPD in accordance with the current RCPCH CPD Guidelines.

Please make sure:

- you sign the CPD attendance register,
- complete the evaluation form,
- Collect your certificate from the registration desk before you leave!

You must attend the majority of the meeting to be awarded the credits, PICANet will make certificates available in the afternoon session only.

TARGET AUDIENCE

Paediatric intensive care nurses, paediatric intensive care specialist trainees, registrars and consultants, other allied health service professionals and commissioners.

KEY AIMS AND LEARNING OBJECTIVES

- To learn and understand the key findings relating to care quality indicators in the PICANet annual report
- To provide a forum for discussing current issues in paediatric intensive care across a multidisciplinary group of practitioners
- To learn about proposed changes to the critical care service
- Learn how PICANet data is utilised and incorporated into custom audits and clinical trials.
- To understand the impacts and benefits of using an alternative clinical coding system.
- Understanding how decision making in PIC and support available by collaborative networks and services.

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