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Abstract deadline: 15th April 2015

8th INTERNATIONAL CONFERENCE ON PAEDIATRIC CONTINUOUS RENAL REPLACEMENT THERAPY (pCRRT)

16th - 18th July 2015

Queen Elizabeth II Conference Centre, London, UK



PROGRAMME



King's College Hospital, London Pre-conference Workshop



Thursday 16th July

Problem solving in pCRRT: an interactive and hands on workshop

Thursday, 16th July 2015 at King's College Hospital, London

A specialist panel will deliver a comprehensive review of pCRRT with emphasis on the 'problems' and trouble shooting using simulators.

Venue: King's College Hospital, Denmark Hill, London

12.00 – 16.00

This short interactive course will focus on:

- Machine set up, alarms, trouble shooting and blood priming
Pam D'Silva, London, UK
Susan Taylor, London, UK
- Citrate and Prostacyclin Anticoagulation
Patrick Brophy, Iowa, USA,
Akash Deep, London, UK
Sharma Sajadah, London, UK
- Plasmapheresis: set up and prescription
Molly McLaughlin, Nottingham, UK
Claire Westrope, Leicester, UK
- Peritoneal Dialysis: set up, prescription and complications
Mignon McCulloch, Cape Town, South Africa
Vesna Stojavonic, Novi Sad, Serbia
- Practical interactive sessions with case histories using simulators
Stacey Bedford, London, UK
Kerry Murphy, London, UK
Prabh Nayak, Birmingham, UK
- CRRT in Cardiac Bypass and ECMO: modality selection, circuit modifications and monitoring
Margaret Farley, Birmingham, UK
Norma Maxvold, Virginia, USA

The course is advanced and relevant to both specialist nurses and clinicians.

Places are limited to 60 places
To book visit: www.pcrctconferences.com

>Welcome reception hosted by King's College Hospital

Programme Friday 17th July

At the Queen Elizabeth II Conference Centre, Westminster, London

- 08.00 **Welcome Speech**
*Michael Marrinan, Executive Medical Director
King's College Hospital, London*
- 08.10 **Declaration of Opening**
*Akash Deep, London, UK
Timothy Bunchman, Virginia, USA*
- 08.20 **Opening Keynote Lecture: Acute Kidney Injury and CRRT: progress over the last 2 decades**
*Timothy Bunchman
Virginia, USA*
- Session 1 Basics of CRRT including Machines, Prescriptions, Filters and Anticoagulation**
- 08.50 **Common Terminology used and Physiology in CRRT**
*Jordan Symons
Seattle, USA*
- 09.05 **Machines and Membranes**
*Stefano Picca
Rome, Italy*
- 09.20 **Vascular Access**
*Timothy Bunchman
Virginia, USA*
- 09.35 **Anticoagulation Protocols**
Heparin: *Rupesh Raina, Cleveland, USA*
Citrate: *Patrick Brophy, Iowa, USA*
Prostacyclin: *Akash Deep, London, UK*
- 10.00 **Common Prescription Errors**
*Jordan Symons
Seattle, USA*
- 10.15 **Free Paper 1**
- 10.30 **Break**
- Session 2 Fluids and Sepsis**
- 11.00 **Fluids and Solutions in Septic Shock: Crystalloids, Colloids and Blood Products - When to Use?**
*Joseph Brierley
London, UK*
- 11.20 **Debate: Aggressive Fluid Resuscitation in Septic Shock Increases Mortality**
Pro: *Mignon McCulloch, Cape Town, South Africa*
Con: *Joseph Carcillo, Pittsburgh, USA*
- 11.50 **When Fluids go Wrong: CRRT in fluid overload**
*Michael Zappitelli
Montreal, Canada*
- 12.10 **Septic Shock Associated AKI**
*Patrick Brophy
Iowa, USA*
- 12.25 **Haemofiltration for Sepsis: burial or resurrection?**
*Andrew Durward
London, UK*
- 12.45 **High chloride containing fluids are a Problem**
*Quen Mok
London, UK*
- 13.00 **Free Paper 2**
- 13.15 **Lunch, Exhibition and Posters Viewing**

Parallel Session 3 Specific CRRT Modalities with Prescription

- 14.15 **Peritoneal Dialysis**
Mignon McCulloch
Cape Town, South Africa
- 14.30 **Sustained Low Efficiency Dialysis**
Sidharth Sethi
Delhi, India
- 14.45 **Single Pass Albumin Dialysis / Molecular Adsorbent Recirculating System**
Julia Wendon
London, UK
- 15.00 **Plasmapheresis**
Joseph Carcillo
Pittsburgh, USA
- 15.15 **Haemodialysis**
Rupesh Raina
Cleveland, USA
- 15.30 **Discontinuation of CRRT and/or Transition to other Dialytic Modalities**
Patrick Brophy
Iowa, USA

Parallel Session 4 CRRT in Specific Conditions: liver disease, neonates, intoxications, post cardio-pulmonary bypass and others

- 14.15 **CRRT in Post Cardiac Bypass and ECMO**
Norma Maxvold
Virginia, USA
- 14.30 **CRRT in Liver Disease**
Akash Deep
London, UK
- 14.45 **CRRT in Intoxications**
Maria Ferris
North Carolina, USA
- 15.00 **Drug induced AKI in Critical Care**
Timothy Bunchman
Virginia, USA
- 15.15 **Solutions to the Technical Challenges in the delivery of CRRT in Neonates: CARPEDIEM**
Stefano Picca
Rome, Italy
- 15.30 **Solutions to the Technical Challenges in the delivery of CRRT in Neonates: NIDUS**
Heather Lambert
Newcastle, UK

15.45 **Break**

Session 5 AKI and CRRT: miscellaneous

- 16.15 **How do I assess and manage patients in the ICU with Oliguria?**
Joseph Carcillo
Pittsburgh, USA
- 16.30 **Intra-abdominal Hypertension: emerging concept in AKI**
Georg Auzinger
London, UK
- 16:45 **Measuring Glomerular Filtration Rate (GFR) in ICU**
Daljit Hoti
London, UK
- 17.00 **Free Paper 3**

17.15 **Debate: Dose of CRRT Influences Outcome**
Pro: *Andrew Durward*, London, UK
Con: *Timothy Bunchman*, Virginia, USA

17:45 **CLOSE** followed by Networking event in the evening

Programme Saturday 18th July

At the Queen Elizabeth II Conference Centre, Westminster, London

Session 6 Acute Kidney Injury (AKI)

- 08.30 **AKI in Critical Care: epidemiology and definitions**
Stefano Picca
Rome, Italy
- 08.50 **Biomarkers to define AKI**
Michael Zappitelli
Montreal, Canada
- 09.10 **Major Clinical Trials in AKI: interpretation for an intensivist**
Michael Zappitelli
Montreal, Canada
- 09.30 **AKI after Cardiac Bypass**
Duncan Macrae
London, UK
- 09.50 **Acute Kidney Injury and Baseline Renal Function**
Maria Ferris
North Carolina, USA
- 10.10 **AKI in Neonates**
Jordan Symons
Seattle, USA
- 10.30 **Hepatorenal Syndrome**
Akash Deep
London, UK

10.50 **Break**

Session 7 AKI and CRRT Combined

- 11.20 **Panel discussion**
Inborn Errors of Metabolism - perspectives from a Biochemist, Metabolic Physician, Paediatric Intensivist and Nephrologist
Lead: *Michael Champion, London, UK*
Roy Sherwood, London, UK
Andrew Durward, London, UK
Stefano Picca, Rome, Italy
- 12.20 **Role of Hepatocytes in hyperammonaemic states**
Anil Dhawan
London, UK

12.35 **Debate: Dialysis is The Best Modality in CRRT**
Pro: *Norma Maxvold, Virginia, USA*
Con: *Timothy Bunchman, Virginia, USA*

13:00 **Free Paper 4**

13.15 **Lunch, Exhibition and Posters Viewing**

Parallel Session 8 AKI and CRRT (Miscellaneous)

Sessions 8 & 9 run at the same time

- 14.15 **Pharmacology in a critically ill child on CRRT**
Marie O'Meara
London, UK
- 14.35 **Nutritional implications in children on RRT**
Norma Maxvold
Virginia, USA
- 14.55 **A child in PICU requires RRT – What should I choose between HD, CRRT or PD?**
Rupesh Raina, Cleveland, USA
Michael Zappitelli, Montreal, Canada
Mignon McCulloch, Cape Town, South Africa
- 15.15 **Free Paper 5**

Parallel Session 9 Quality and Safety in CRRT

- 14.15 **CRRT in the Developed World**
Claire Westrope
Leicester, UK
- 14.30 **CRRT in the Developing World**
Sidharth Sethi
Delhi, India
- 14.45 **Nursing challenges in CRRT**
Margaret Farley, Birmingham, UK
Susan Taylor, London, UK
- 15.00 **Quality matrix for AKI and CRRT**
Prabh Nayak
Birmingham, UK
- 15.15 **Free Paper 6**
- 15.30 **Presentation of Georgia Fieldsend Research Awards**
- 15:45 **Break**
- 16:00 **Closing Keynote: Does CRRT improve renal recovery and outcomes?**
Patrick Brophy
Iowa, USA
- 16.30 **Closing remarks**
Timothy Bunchman, Virginia, USA
Akash Deep, London, UK

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