

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

16th - 18th July 2015

Queen Elizabeth II Conference Centre, London, UK



Abstract Deadline: 15th April 2015



# INVITATION

London is an inspirational place to hold a summer conference.

We would like to invite all professionals involved in paediatric Continuous Renal Replacement Therapy to take advantage of a programme involving an international panel of opinion leaders who will lead discussions on the latest developments in our speciality.

Importantly the programme will also include delegates' contribution to this conference and we

encourage the submission of free papers so we can all share the latest experience of delegates world wide.

The conference will benefit specialist nurses, physicians, pharmacists and industry who will be able to apply the knowledge gained from attending to improve the outcomes for those children who develop, or at risk of renal injury and failure.

Please make a note of the dates, sign up for updates on the conference and plan your abstracts.

We look forward to welcoming you to London.



## COURSE DIRECTORS

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## ORGANISING COMMITTEE

### Medical Members:

Pam D'Silva, UK  
Quen Mok, UK  
Prabh Nayak, UK  
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Vesna Stojanovic, Serbia  
Claire Westrope, UK

### Specialist Nursing Members:

Kathryn Brennan, UK  
Margaret Farley, UK  
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## INTERNATIONAL SPEAKER FACULTY

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Claire Westrope, Leicester, UK  
Michael Zappitelli, Montreal,  
Canada

## CALL FOR ABSTRACTS

The 8th International Conference on pCRRT is offering prizes for the best poster and best oral presentations that demonstrate the most valuable contribution to paediatric patient care in the PIC Units with focus on AKI and pCRRT.

Submission deadline 15th April 2015

*Please refer to the conference website for details.*

# PROGRAMME FEATURES

The three day Programme will offer significant access to advancing knowledge in this speciality within paediatric intensive care. The programme will be delivered using:

- Workshop and Masterclass Sessions
- Simulation sessions
- Challenging Cases
- Debates
- Free Paper and Poster Sessions
- Keynote presentations

“The Programme is designed to benefit specialist nurses, physicians, pharmacists and industry who will be able to apply the knowledge gained to improve the outcomes for those children who develop, or at risk of renal injury and failure.”

## King's College Hospital Pre-conference Workshop



### '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 troubleshooting using simulators.

#### This short interactive course will focus on:

- Machine set up, alarms, trouble shooting and blood priming
- Citrate and Prostacyclin Anticoagulation
- Plasmapheresis: set up and prescription
- Peritoneal Dialysis: set up, prescription and complications
- Practical interactive sessions with case histories using simulators
- CRRT in cardiac bypass and ECMO: modality selection, circuit modifications, therapy dosing and monitoring

#### Faculty for the King's Workshop

- Stacey Bedford, London, UK
- Timothy Bunchman, Virginia, USA
- Patrick Brophy, Iowa, USA
- Akash Deep, London, UK
- Pam D'Silva, London UK
- Margaret Farley, Birmingham, UK
- Norma Maxvold, Virginia, USA
- Mignon McCulloch, Cape Town, South Africa
- Molly McLaughlin, Nottingham, UK
- Kerry Murphy, London, UK
- Prabh Nayak, Birmingham, UK
- Sharma Sajadah, London, UK
- Vesna Stojavonic, Novi Sad, Serbia
- Susan Taylor, London, UK
- Claire Westrope, Leicester, UK

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

For further information please visit the conference website.

## PROGRAMME HIGHLIGHTS

Friday, 17th to Saturday, 18th July 2015  
Full Programme featuring:

Keynote Lecture: Acute Kidney Injury and CRRT: progress over the last 2 decades

### Basics of CRRT Including Machines, Prescriptions, Filters, Blood Priming and Anticoagulation

- Common Terminology used and Physiology in CRRT
- Machines and Membranes
- Vascular Access
- Anticoagulation Protocols
- Common Prescription Errors

### Fluids and Solutions in Septic Shock: Crystalloids, Colloids and Blood Products - when to use?

- Debate: Aggressive Fluid Resuscitation in Septic Shock Increases Mortality
- When fluids go Wrong: CRRT in fluid overload
- Septic Shock Associated AKI
- Haemofiltration for Sepsis: burial or resurrection?
- High chloride containing fluids are a Problem

### Specific CRRT Modalities with Prescription

- Peritoneal Dialysis
- Sustained Low Efficiency Dialysis
- Single Pass Albumin Dialysis / Molecular Adsorbent Recirculating System
- Plasmapheresis
- Haemodialysis
- Discontinuation of CRRT and/or Transition to other Dialytic Modalities

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

- CRRT in Post Cardiac Bypass and ECMO
- CRRT in Liver Disease
- CRRT in Intoxications
- Drug Induced AKI in Critical Care
- Solutions to the technical challenges in the delivery of CRRT in neonates: CARPEDIEM and NIDUS

### AKI and CRRT (Miscellaneous)

- How do I assess and manage patients in the ICU with Oliguria?
- Intra-abdominal Hypertension: emerging concept in AKI
- Measuring Glomerular Filtration Rate (GFR) in ICU
- Debate: Dose of CRRT Influences Outcome

### Acute Kidney Injury (AKI)

- AKI in Critical Care: epidemiology and definitions
- Biomarkers to define AKI
- Major Clinical Trials in AKI: interpretation for an intensivist
- AKI after Cardiac Bypass
- Acute Renal Injury and baseline renal function
- AKI in Neonates
- Hepatorenal Syndrome

### AKI and CRRT Combined

- Panel discussion: Inborn Errors of Metabolism - perspectives from a Biochemist, Metabolic Physician, a Paediatric Intensivist and a Nephrologist
- Role of Hepatocytes in Hyperammonaemic states
- Debate: Dialysis is the best Modality in CRRT

### Plus

- Pharmacology in a critically ill child on CRRT
- Nutritional implications in children on CRRT
- A child in PICU requires RRT - What should I choose between HD, CRRT or PD?

### Quality and Safety in CRRT

- CRRT in the Developed World
- CRRT in the Developing World
- Nursing challenges in CRRT
- Quality matrix for AKI and CRRT

Closing Keynote: Does CRRT improve Renal Recovery and Outcomes?

# WELCOME TO LONDON FOR DELEGATES AND ACCOMPANYING PERSONS:

London is easy to get to with 5 international airports including one in the city centre. London offers direct flights connecting all parts of the world plus a high speed Eurostar train for those in Europe. London is served by a wealth of airlines including budget airlines so by booking flights early London is economical.

As a place to visit, the Queen Elizabeth II Conference Centre is in the heart of London next to a UNESCO World Heritage of Palace of Westminster. There are many sites of interest including free museums and art galleries, plus there is the 'West End' with a wealth of entertainment for all tastes.



Getting around London is easy where walking will get you to most areas. To visit other areas in London you can use the Underground, the famous red buses and black taxis. There are many tours too on foot or buses and some are free too.

London is well connected to other famous sites in England such as Stonehenge, the Cities of Bath, Oxford or Cambridge. For the children there is Lego land and Thorpe Park for a great day out.

Set off from London St Pancras International and arrive in Paris Gare Du Nord station in just over 2 hours via high-speed train with Eurostar.

The Conference Organisers have secured block bookings in hotels in walking distance of the conference venue. The website offers plenty of advice and options for accommodation.

## THE VENUE

The Queen Elizabeth II Conference Centre with its central London location in the very heart of Westminster, offers ease of access to accommodation and unparalleled access to everything London has to offer. Uniquely situated in the shadow of Big Ben, Westminster Abbey and the London Eye, the venue is perfectly placed for delegates to experience London's many cultural attractions.

## EXHIBITION

A significant exhibition relating to pCRRT will be staged alongside the conference with products, equipment and services contributing to our speciality.

*To register your interest and for further information visit:*

[www.pcrctconferences.com](http://www.pcrctconferences.com)

This Conference is endorsed by:



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