



Critical Care
Nephrology
In Children



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First International Conference Of Critical Care Nephrology In Children 27th - 29th July 2023

Queen Elizabeth II Conference Centre, London, UK



Course Directors:



Akash Deep

King's College Hospital, London, UK



Stuart Goldstein

Cincinnati Children's Hospital Medical Center, USA

Hosted by

King's College Hospital
NHS Foundation Trust



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Children's



General Information

Course Director

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Course Director

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Conference Logistics

Conference Logistics Team - Unified Events - 121 Percival Rd,
Eastbourne, BN22 9JR
Tel: 07512 925955 | Email: simon.hubbard@unified-events.com

Invitation

On behalf of King's College Hospital, London, we cordially invite you to take part in the First International Conference of Critical Care Nephrology in Children on 27-29 July 2023. Within recent years, significant advances have been made in the application of Renal Replacement Therapies in the management of Acute Kidney Injury in the paediatric and neonatal populations. Many of these innovations will be presented and discussed at the conference along with inclusion of pre-conference workshops in providing a unique and valuable hands on experience.

The conference is expected to attract more than 400 innovators and decision-leaders across the spectrum of practice in Paediatric Critical Care Nephrology from more than 40 countries across the globe in a diverse forum to review and advance the paradigm of care in this field. The program curriculum and activities are designed to provide an open and interactive platform for the education of the myriad of healthcare professionals involved in the care of the pediatric population in the intensive care setting, especially those with Critical Care Nephrology needs.



27th July 2023: 2 workshops hosted at King's College Hospital, London

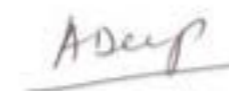
- **Basic RRT Hands-on Workshop:** multiple interactive and practical sessions on various aspects and modalities of Renal Replacement Therapies including machine set-up, trouble shooting, blood priming, anticoagulation in CRRT, peritoneal dialysis, total plasma exchange, simulation and case based prescriptions in CRRT. There will be a practical talk on citrate based anticoagulation at the start of the workshop.
- **Advanced RRT Hands-on Workshop:** multiple interactive and practical sessions on various aspects and modalities of advanced renal replacement therapy will be discussed - tandem therapies with CRRT and total plasma exchange, citrate anticoagulation, dedicated neonatal and infant CRRT machines, peritoneal dialysis, simulation, point of care ultrasound (POCUS), extracorporeal liver-assist devices.

28th and 29th July 2023: 2 day conference at Queen Elizabeth II Conference Centre

These two days will cover a wide range of topics encountered in critical care nephrology. In addition to AKI and RRT, world renowned experts will discuss key topics including renal transplant, fluids in PICU, amongst others. Discussions will include key note lectures, debates, symposia and panel discussions. Abstracts are invited to be submitted for this conference, the 3 top rated abstracts will be discussed at the plenary sessions and presenters will be eligible for free registration to the conference.

We look forward to welcoming you to London. It is our hope that you will see the value in attending the First Conference of Critical Care Nephrology in Children.

Sincerely,



Akash Deep
Conference Chair
King's College Hospital,
London, UK



Stuart Goldstein
Co-Conference Chair
Cincinnati Children's Hospital
Medical Center, Cincinnati, USA



Organising Committee

Stuart Goldstein - USA	Akash Deep - UK	Zaccaria Ricci - Italy
Kerry Murphy - UK	Sue Taylor - UK	Kate Peace - UK
Marco Daverio - Italy	Josephine Jim - UK	Demet Demirkol - Turkey
Thomas Brick - UK	Donna Smith - UK	Ann Skelhorn - UK

Invited Faculty (more speakers are being added)

Claudio Ronco - Italy (Keynote Speaker)

Stuart Goldstein - USA

Akash Deep - UK

Jolyn Morgan - USA

Amanda Snyder - USA

Ayse Akcan Arikan - USA

David Askenazi - USA

Rajit Basu - USA

Theresa Mottes - USA

David Cooper - USA

Gerard Cortina - Austria

Zaccaria Ricci - Italy

Kat Gist - USA

Lidia Casanuvea - UK

Pam D'Silva - UK

Ann Skelhorn, UK

Michael Zappitelli - Canada

Heather Lambert - UK

Andrew Durward - Qatar

Claire Westrope - UK

Josephine Jim - UK

Kerry Murphy - UK

Kate Peace - UK

Sameer Patel - UK

Dusan Raffaj - UK

Sue Taylor - UK

Lucy Levick - UK

Stephen Marks - UK

Marlies Ostermann - UK

Stephen Playfor - UK

Jelena Stojanovic - UK

Arun Ghose UK

Donna Smith UK

Ruth Phillips UK

Rukshana Shroff - UK

Shina Menon - USA

Andrea Conroy - Uganda

Rajiv Jalan- UK

Program

Day 1: 27th July 2023
Workshops King's College Hospital, London

Basic CRRT Workshop

Citrate anticoagulation for CRRT - How to use it in clinical Practice (Interactive Lecture)

Followed by 6 workstations

1. Machine set-up, alarms, troubleshooting - Sue Taylor, Ann Skelhorn, Company Representatives
2. Circuit, blood priming and monitoring - Kate Peace, Lauren Jameson, Company Representatives
3. Peritoneal dialysis - Lidia Casanuvea, nursing member
4. Simulation - Kerry Murphy, Lucy Levick
5. Total plasma exchange - Arun Ghose, Donna Smith
6. CRRT case based prescriptions – Shina Menon

Advanced CRRT Workshop

Citrate anticoagulation for CRRT - How to use it in clinical practice - Jolyn Morgan and Dusan Raffaj

Followed by 6 workstations

1. Tandem therapies - CRRT and Total plasma exchange (TPE) - Jolyn Morgan, Amanda Snyder
2. Extracorporeal Liver Assist Devices - SPAD and Sorbent therapy - Pam D'Silva, Company Representative
3. ECMO and CRRT - Ruth Phillips, Claire Westrope, Sameer Patel
4. Neonatal CRRT devices - David Askenazi, Zaccaria Ricci, Company Representatives
5. Peritoneal dialysis - Josephine Jim, Andrea Conroy
6. POCUS in critical care nephrology - Bogdana Zoica, Company Representative

Day - 2 - 28th July 2023
QEII Conference Centre, London

07:30 - 08:00 Registration

08:00 - 08:15 Opening remarks : Akash Deep, Stuart Goldstein and Helen Hayes (Member Parliament)TBC

08:15 - 08:45 Keynote - I am Tired of Giving a History of Critical Care Nephrology Keynote; My Thoughts on Where the Field Needs to Be in the next 1, 5, and 10 Years

Plenary Session - 1 Basics of CRRT

08:45 - 09:00 Why do we need dedicated consortia for CRRT platforms - variation in practice in CRRT - Akash Deep and Marco Daverio- Europe, Kat Gist - WE-ROCK

09:00 - 09:15 Terminology, indications, modality selection in CRRT - Theresa Mottes

09:15 - 09:45 Optimising CRRT circuit life with circuit and non-circuit factors

- Access and circuit issues - Amanda Snyder; Anticoagulation - Steven Playfor, Gerard Cortina, Akash Deep

09:45 - 10:00 Wait and watch approach before starting CRRT - where do we stand? - Zaccaria Ricci

10:00 - 10:15 Liberation from CRRT - Art or Science - Michael Zappitelli

10:15 - 10:25 Plenary abstract-1

10:25 - 10:35 Q and A

10:35 - 11:00 Coffee

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Plenary Session - 2 CRRT In Special Conditions

- 11:00 - 11:50** CRRT in inborn errors of metabolism - Perspectives from a nephrologist, metabolic expert and intensivist - Jelena Stojanovic, Roshni Vara, Dusan Raffaj
- 11:50 - 12:50** Extracorporeal therapies in septic shock
1. Indications and timing of initiation of CRRT - Rajit Basu
 2. High volume haemofiltration - Andrew Durward
 3. Extracorporeal toxin removal for sepsis - Claudio Ronco
 4. De-resuscitation in critically ill patients with septic shock - Stephen Playfor
- 12:50 - 13:10** Extracorporeal Liver Assist Devices - bridge to transplantation or spontaneous liver recovery - Akash Deep
- 13:10 - 13:20** Plenary abstract 2
- 13:20 - 13:30** Plenary abstract 3
- 13:30 - 14:30** Lunch with symposium: The Selective Cytopheretic Device - A Novel Host Response Targeting Cell Directed Extracorporeal Therapy in AKI

Parallel Sessions

Parallel Session - 3

- 14:30 - 14:50** Drug dosing in CRRT - Michael Zappitelli
- 14:50 - 15:10** Nutrition in CRRT - Ayse Arikian
- 15:10 - 15:30** RRT in patients on ECMO - Claire Westrope
- 15:30 - 15:50** RRT in special medical situations - drug intoxications, trauma- Shina Menon
- 15:45 - 16:00** Q&A

Parallel Session - 4

- 14:30 - 14:50** Intermittent haemodialysis in critical care - Rukshana Shroff
- 14:50 - 15:10** Peritoneal dialysis in AKI - A Global Perspective - Andrea Conroy
- 15:10 - 15:30** Role of apheresis in critical care - who when and how ? - Arun Ghose
- 15:30 - 15:50** Extracorporeal tandem therapies in PICU - Theresa Mottes
- 15:50 - 16:00** Q&A
- 16:00 - 16:30** Coffee

Parallel Session - 5 Neonatal AKI

- 16:30 - 16:50** Neonatal AKI - Definitions, Epidemiology and Lessons learnt from AWAKEN - David Askenazi
- 16:50 - 17:10** Biomarkers in neonatal AKI - Kat Gist
- 17:10 - 17:30** Solutions to the technical challenges in the delivery of CRRT to newborns - Zaccaria Ricci, Heather Lambert
- 17:30 - 17:45** Q&A

Parallel Session - 6 Critical Care Nephrology In Transplant Patients

- 16:30 - 16:50** Liver-Kidney transplantation - indications and implications for multi-disciplinary team - Jelena Stojanovic
- 16:50 - 17:10** Renal transplant in PICU - who comes in and current management? - Stephen Marks
- 17:10 - 17:30** AKI in oncology and bone marrow transplant patients. - Gerard Cortina
- 17:30 - 17:45** Q&A
- 17:45** Close

Day- 3 - 29th July 2023 - Social Event QEII Conference Centre

Plenary Session - 7

- 08:30 - 08:50** AKI - is the current KDIGO definition fit for purpose? - Stuart Goldstein
- 08:50 - 09:10** Non-renal impact of AKI - AKI and organ cross talk - Marlies Ostermann
- 09:10 - 09:30** AKI in liver disease - does hepatorenal syndrome exist - Rajiv Jalan
- 09:30 - 09:50** AKI in the cardiac ICU - David Cooper
- 09:50 - 10:10** Drug induced AKI and NINJA - Shina Menon
- 10:10 - 10:30** Who should get a kidney biomarker in PICU? - Rajit Basu
- 10:30 - 10:50** Highlights from the 26th Pediatric dedicated Acute Dialysis Quality Initiative (pADQI) - Ayse Arikian
- 10:50 - 11:00** Q&A
- 11:00 - 11:30** Coffee

Plenary Session - 8

- 11:30 - 11:50** What benchmarks should we be using for measuring quality in CRRT? - Theresa Mottes
- 11:50 - 12:10** Novel supportive therapies - the Future of CRRT - Stuart Goldstein
- 12:10 - 12:30** CRRT should be led by nephrologist ? Pro- Askenazi Con - Andrew Durward Moderator - Ayse Arikian

12:30 - 14:00 Lunch with symposium

Plenary Session - 9 'How do I' sessions

- 14:00 - 14:15** Predict AKI in my PICU - Rajit Basu
- 14:15 - 14:30** Manage oliguria in PICU - Zaccaria Ricci
- 14:30 - 14:45** Dose CRRT in my patients - Andrew Durward
- 14:45 - 15:00** Is GFR measurement in Real Time Ready for Prime Time? - Stuart Goldstein

Plenary Session - 10

- 15:00 - 15:20** What can we learn from the recent adult AKI studies? - Marlies Ostermann
- 15:20 - 15:40** AKI to CKD - Michael Zappitelli
- 15:40 - 15:50** Cost of AKI - David Cooper

16:00 - 16:20 - Coffee and Q&A

Plenary Session - 11

- 16:20 - 16:40** Channelling our Inner Pediatric Bellomo - What AKI Studies Need to be Done in Children - Stuart Goldstein
- 16:40 - 16:45** Closing remarks - Stuart Goldstein and Akash Deep

VENUE

Queen Elizabeth II Conference Centre, Broad Sanctuary, Westminster, London, SW1P 3EE,
T: +44 207 798 4000, www.qeiicentre.london



Conference Location

In the very heart of Westminster, The Queen Elizabeth II Conference Centre is ideally located to take advantage of everything London has to offer. Uniquely situated in the shadow of Big Ben, Westminster Abbey & the London Eye, the award winning, purpose built events venue is perfectly placed for you to experience London's many cultural attractions.



Getting To London

London is easy to get to with international airports, one in the city centre. London offers direct flights connecting all parts of the world plus high speed Eurostar train for those in Europe.

Getting Around London

To visit other areas in London you can use the Underground, the famous red buses and black taxis.

London is well connected to famous sites in England such as Stonehenge, the Cities of Bath, Oxford or Cambridge.

For Children there is Legoland and Thorpe Park for a great day out.

Exhibition

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



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Heading Accommodation

The Conference Logistics Team have secured room blocks at hotels in walking distance to the conference venue.

Conference Logistics Team -
 Unified Events - 121 Percival Rd,
 Eastbourne, BN22 9JR
 Tel: 07512 925955 | Email: simon.hubbard@unified-events.com



Exhibition Opening Times
 (subject to final programme)

Friday 28th July 2023 08:00 -17:00

Saturday 29th July 2023 08:00 -16:00

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