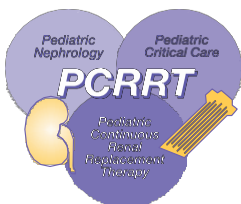


The PCRRT Foundation presents

9<sup>th</sup> International pCRRT Conference on  
Pediatric Continuous Renal Replacement Therapy  
August 31-September 2, 2017  
*Disney's Yacht & Beach Club Resorts*  
Lake Buena Vista, Florida

Timothy Bunchman, MD, Founder PCRRT Foundation,  
Virginia Commonwealth University Health and  
Akash Deep, MD, FRCPCH, King's College Hospital,  
London – *Course Co-Directors*



## Conference Information

The 9<sup>th</sup> International Symposium is designed to bring together multi-disciplinary specialists to review current guidelines and best practices, and highlight lessons learned from current research and case histories to improve patient care in pCRRT.

## Attendance

Projected attendance for the 9<sup>th</sup> pCRRT Symposium includes 400 multi-disciplinary professionals from critical care medicine & nephrology, nursing, pharmacy, veterinary medicine, and industry.

### Program Highlights

#### Thursday, Aug 31, 2017 –

- Optional Pre-Conference Workshops
- 8 Practical hands-on workshops to choose
- 8:00a – 5:00p
- Pre-conference Reception 6:00 – 8:00pm

#### Friday, Sept 1, 2017 - Conference Day One

- 8:00a – 5:00p
- Basics of CRRT
- AKI & CRRT-physiology & applications
- Invited abstract presentations
- Poster Review – lunch provided
- *Optional Networking Dinner for Attendees at Il Mulino Trattoria at the Swan Disney Hotel (reservations required)*

#### Saturday, Sept 2, 2017 - Conference Day Two

- 8:00a – 2:15p
- AKI & CRRT Trials and Research
- Improving Outcomes in AKI and CRRT
- Sessions on Neonatal AKI, and Nutrition & Medication
- Debate: Timing of CRRT in Critical Care
- Clinical case panel discussion

## Conference Venue

### Location

The 2017 Symposium will be held at the *Disney Yacht & Beach Club* Resorts, one of the most conveniently located Disney resorts, located along the shore of Crescent Lake, and just steps away from *Epcot*®. The exhibit area will serve as the venue for continental breakfast, all refreshment breaks and lunches, and will host the poster presentations as well.

### Hotel Accommodations

A block of rooms has been reserved for the conference. The group room rate is \$213.00 (single or double) plus tax (12.5% at the time of printing), plus \$25.00 per additional persons 18 and older. There is no mandatory resort fee. The discounted rate is available for three days prior and three days after the symposium for those wishing to extend their stay and enjoy all that *Walt Disney World*® Resort has to offer. Simply click here for complete information on Disney World Resorts and to make reservations:

<http://www.mydisneygroup.com/pcrrt17> .

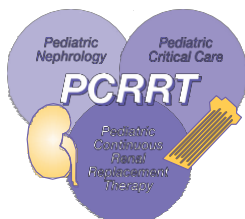
### Optional Networking Dinner for Attendees at Il Mulino New York Trattoria at the Swan Disney Hotel (Epcot)

*A wonderful opportunity to network with colleagues and new friends and enjoy an exquisite culinary experience that will transport you to the verdant hills and rustic kitchens of Abruzzo, Italy. Advance reservations required.*

<http://www.swandolphinrestaurants.com/ilmulino/>

### Stay to Play!

*Walt Disney World* Resort offers something for everyone. Don't miss your opportunity to spend a few extra days playing on championship golf courses, relaxing at luxurious spas or creating magical Theme Park memories with family and friends. Take advantage of extended room rates (subject to availability) and specially priced Theme Park tickets to make the most of your visit.



# 9<sup>th</sup> International Pediatric Continuous Renal Replacement Therapy Conference Program Agenda

## Thursday August 31, 2017 - PCRRT 9 Pre-Conference Workshops

7:00-8:00 Pre-Conference Registration

8:00-12:00 AM Workshop 8 Stations – 30 minutes each

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>• Station 1: ECMO and CRRT</li> <li>• Station 2: Peritoneal Dialysis</li> <li>• Station 3: Plasmapheresis</li> <li>• Station 4: SLED</li> <li>• Station 5: Case Based Discussion on Zaritsky, MD In Born Error of Metabolism</li> <li>• Station 6: Set up and troubleshooting</li> <br/> <li>• Station 7: Liver Failure</li> <li>• Station 8: Hemodialysis</li> <li>•</li> </ul> | <p>Matthew Paden, MD and Cecilia Hyslops, RN<br/>Mignon McCulloch, MD</p> <p>Jordan Symons, MD and Baxter Representative<br/>Sidharth Sethi, MD and Fresenius Representative<br/>Stefano Picca, MD and JJ (Joshua)</p> <p>Theresa Mottes, RN and Baxter Representative<br/>Sue Taylor, RN and Nikkiso Representative<br/>Akash Deep, MD and Nikkiso Representative<br/>Rupesh Raina, MD and Fresenius Representative</p> |
|---|--|

12:00–1:00 Lunch – on your own

1:00-5:00 PM workshop 8 Stations – 30 minutes each

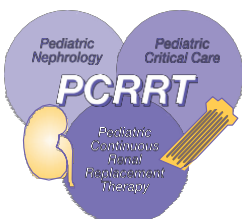
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|--|---|
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|--|---|

Representative 4:00-6:00

Evening registration for PCRRT

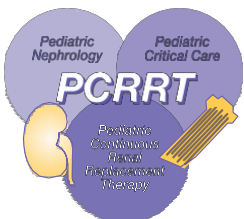
Symposium

6:00 – 8:00 Pre-Conference Reception



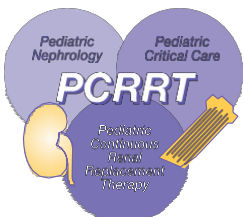
**Friday September 1, 2017 - PCRRT Conference Day 1**

- 7:00 - 8:00 Registration
- 8:00 - 8:30 **Current Controversies in delivery of CRRT in children and how we aim to address – Tim Bunchman, MD**
- 8:30-10: 00 **Session 1: Basics of CRRT**
- Terminology - Theresa Mottes, RN
  - Access/Solutions (convection vs diffusion) – Jordan Symons, MD
  - Machinery and Membranes - Stefano Picca, MD
  - Anticoagulation – Akash Deep, MD
  - Prescription – Tim Bunchman, MD
  - Questions and Answers
- 10:00-10:30 Break and Exhibits
- 10:30-11:00 **Invited Best Abstract Presentations**
- 11:00 -1:00 **Session 1: AKI and CRRT (physiology and applications)**
- Biomarkers - Stuart Goldstein , MD
  - Basics of AKI (epidemiology, definitions and outcome) - Sidharth Sethi, MD
  - CRRT in AKI – Andrew Durward, MD
  - AKI in Sepsis – Joseph Carcillo , MD
  - CRRT in Sepsis – Akash Deep, MD
  - Questions & Answers 1:00 – 1:30
- Pick up boxed lunches 1:30 - 2:30
- Lunch and Poster Review
- 2:30 – 5:00 **Session 2: AKI and CRRT (physiology and applications)**
- Cardio Renal Syndrome – Andrew Durward, MD
  - CRRT on ECMO – Matthew Paden, MD
  - AKI in Liver Disease – Joseph Carcillo, MD
  - CRRT in Liver disease – Akash Deep, MD
  - Drug induced AKI and NINJA - Stuart Goldstein, MD
  - Plasmapheresis with/out CRRT – Jordan Symons, MD
  - Debate: Dialysis vs. Convection – Stuart Goldstein, MD vs. Tim Bunchman, MD
  - Questions and Answers
- 5:00 Day 1 Adjourns
- 6:30 until **Optional Dinner – Advanced reservations & separate fee applies**



## Saturday, September 2, 2017 – PCRRT Conference Day 2

- 7:00-8:00 Registration Desk Open
- 8:00 -8:30 **Presentations of Invited Best Abstracts**
- 8:30-9:15 **Past and Future of AKI and CRRT Trials and Research** – Stuart Goldstein, MD  
9:15-9:45 **CRRT Outcomes: Survival and Renal Recovery** - Mignon McCulloch, MD  
9:45-10:15 **Improving Outcomes in AKI and CRRT: Does Quality Matter?** – Tim Bunchman, MD
- 10:15-10:45 Break with Exhibits  
10:45-12:15 **Parallel Session #1 – Neonatal AKI**
- Etiology of Neonatal AKI –Jordan Symons, MD
  - Devices Use in Neonatal AKI –Tim Bunchman , MD
  - Outcomes in Neonatal AKI- Jordan Symons, MD
  - In Born Error of Metabolism – 20 min – Stefano Picca, MD
  - Questions & Answers
- Parallel Session #2 - Nutrition & Medication**  
Nutrition in Patients on CRRT–Matthew Paden, MD
- Drug Dosing on CRRT JJ (Joshua) Zaritsky, MD
  - PD in Critical Care –Mignon McCulloch, MD
  - RRT for Intoxications –Rupesh Raina, MD
  - Questions & Answers
- 12:15-12:30 Break  
12:30 – 2:00 Plenary Session
- 12:30 – 1:00 **DEBATE: Timing of CRRT in Critical Care**
- *Early may not always be better vs. Early is what's the need of the hour*
    - *Joseph Carcillo, MD vs Jordan Symons, MD*
- 1:00 – 2:00 **CASE DISCUSSION: A sepsis case (20 kg child with gram negative sepsis, oliguric on norepinephrine with BP 95/45. Vent at 70% FIO2 with PEEP of 8 mmg, Fluid overload of 15% and Labs of a K of 6, BUN of 100)**
- Each of the following presenters will be asked to address the following:
- Access, prescription, anticoagulation, rate of fluid removal, drug dosing
    - PD Mignon McCulloch, MD
    - SLED Sidharth Sethi, MD
    - HD Rupesh Raina, MD
    - CRRT Tim Bunchman, MD
- 2:00 – 2:15 Conference Wrap up  
2:15 9<sup>th</sup> International PCRRT Conference adjourns



## Research Poster Abstract Submissions Welcome!

You are invited to submit poster abstracts in related research areas. Selected abstracts will be printed in a subsequent issue of ***Pediatric Nephrology***. For complete instructions, please visit: <http://tinyurl.com/pcrrt2017abstracts> or email to [pCRRTAbstracts@vcuhealth.org](mailto:pCRRTAbstracts@vcuhealth.org).

## Course Objectives

At the conclusion of this activity, learners should be better able to:

- Explain the terminology of CRRT
- Describe vascular access and determine what is optimal in CRRT
- Evaluate the use of CRRT in liver failure
- Determine the optimal use and dosing of medication and nutrition in CRRT
- Select optimal approaches to use of renal replacement therapy in the situation of in born error of metabolism
- Compare all modalities of renal replacement therapy and discuss their use with a child with Sepsis
- List and discuss updated data on the determination of acute kidney injury in infants and children

## Accreditation and Educational Credit

### Physicians --

University Health Services Professional Education Programs (UHS-PEP) of VCU Health System is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

UHS-PEP designates this activity for a maximum of 21.25 **AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### Nurses --

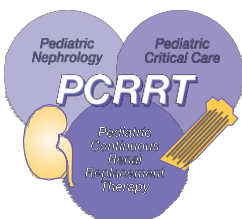
ANCC accepts **AMA PRA Category 1 Credits™** from organizations accredited by the ACCME for your CNE contact hour requirements for recertification.

### CEUs --

This continuing education activity meets the criteria of Virginia Commonwealth University and the Southern Association of Colleges and Schools. 2.1 CEUs will be awarded and recorded with the University.

## Conference Questions or Special Conference Accommodations

VCU Health Continuing Medical Education  
PCRRT Program Manager  
Phone: 804/828-3640  
FAX: 804/828-7438



**Registration Form** – Registration fee, less a \$60 non-refundable administrative fee, will be refunded only if written notice of cancellation is received **on or before July 14, 2017**.

\_\_\_\_\_ Early Registration - Physician \$400

\_\_\_\_\_ Early Registration - Fellows \$300

[must be accompanied by a supporting letter from your Program Director]

\_\_\_\_\_ Early Registration - Nurse/Allied Health \$300

- Trainee/Student \$300

\_\_\_\_\_ Early Registration - Developing Countries, All Registrants \$275

\_\_\_\_\_ Additional Fee for Registrations after July 10, 2017 \$50

(there will be an additional Registration Fee of \$100 for on site registration)

\_\_\_\_\_ Registration for Optional Pre-Conference Workshops – August 31 \$200

\_\_\_\_\_ Optional Networking Dinner at Il Mulino New York Trattoria (*alcohol extra*) \$80

\_\_\_\_\_ **TOTAL AMOUNT DUE** [online registration available at: <http://tinyurl.com/PCRRT2017>]

Name \_\_\_\_\_ Email \_\_\_\_\_

Name \_\_\_\_\_ Email \_\_\_\_\_

### Payment Information

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Questions? Contact PCRRT Registrar at +1-804-828-3640 | FAX: +1-804-828-7438

Email: [CMEInfo@vcuhealth.org](mailto:CMEInfo@vcuhealth.org)

Make checks payable to: UHS-PEP, P.O. Box 980048, Richmond, VA 23219

W-9 Available on request UHS PEP Tax ID: 54-1790553



## Program Faculty

**Timothy Bunchman, MD – Course Co-Director**

Founder, PCRRT Foundation  
Professor and Director, Pediatric Nephrology and Transplantation, Richmond, VA

**Akash Deep, MD, FRCPCH – Course Co-Director**

Director of Paediatric Intensive Care Unit, Child Health, King's College Hospital, London, UK

**Joseph Carcillo, MD**

Professor, Critical Care Medicine and Pediatrics  
University of Pittsburgh School of Medicine  
Pittsburgh, PA

**Andrew Durward, MD**

Consultant in Paediatric Intensive Care  
Evelina London Children's HealthCare  
London, UK

**Cecilia Hyslop, BScN, RN, BA Gen, M Ed, CNCCP(C)**

Nurse Education, Cardiac Critical Care

**Stuart L. Goldstein, MD, FAAP, FNKF**

Clark D. West Endowed Chair, Center for Acute Care Nephrology, Cincinnati Children's Hospital, Cincinnati, OH

**Mignon McCulloch**

Associate Professor, Consultant, Paediatric Intensive Care  
Red Cross Children's Hospital  
Professor, Paediatric Intensive and Critical Unit,  
University of Capetown  
Capetown, South Africa

**Theresa Mottes, RN**

Research Nurse, Division of Nephrology and Hypertension  
Cincinnati Children's Hospital Medical Center

**Matthew Paden, MD**

Medical Director, Pediatric ECMO and Advanced Technologies, Children's Health Care of Atlanta, Atlanta, GA

**Stefano Picca, MD**

Department of Pediatrics  
Ospedale Pediatrico Bambino Gesù  
Rome, Italy

**Rupesh Raina, MD, FAAP, FACP, FASN, FNKF**

Metrohealth  
Senior Instructor, Case Western Reserve University,  
School of Medicine and Cleveland Clinic  
Cleveland, OH

**Sidharth Kumar Sethi, MD**

Consultant, Pediatric Nephrology, Kidney Institute  
Editor, *Journal of Clinical Pediatric Nephrology*  
Gurgaon, India

**Jordan M. Symons, MD**

Professor of Pediatrics, Department of Pediatrics  
University of Washington School of Medicine  
Seattle Children's Hospital, Division of Nephrology  
Seattle, WA

**Joshua J. Zaritsky, MD**

Division Chief, Division of Pediatric Nephrology,  
Department of Pediatrics  
Nemours/Alfred I. DuPont Hospital for Children  
Wilmington, DE