The PCRRRT Foundation presents

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

Course Co-Directors
Timothy Bunchman, MD, Founder PCRRRT Foundation,
Virginia Commonwealth University Health
and
Akash Deep, MD, FRCPCH, King’s College Hospital,
London
Conference Information

The 9th 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 9th 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
- 8:00 AM – 5:00 PM
- Pre-conference Reception 6:00 – 8:00 PM

**Friday, Sept 1, 2017 - Conference Day One**
- 8:00 AM – 5:00 PM
- 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**
- 8:00 AM – 2:15 PM
- 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:


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/](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.
9TH International
Pediatric Continuous Renal Replacement Therapy Conference
Program Agenda

Thursday, August 31, 2017 – pCRRT 9 Pre-Conference Workshops

7:00 – 8:00 AM  Pre-Conference Registration

8:00 – 12:00 AM Workshop
Station 1: ECMO and CRRT  Matthew Paden, MD and Cecilia Hyslops, RN
Station 2: Peritoneal Dialysis  Mignon McCulloch, MD
Station 3: Plasmapheresis  Jordan Symons, MD and Baxter Representative
Station 4: SLED  Sidharth Sethi, MD and Fresenius Representative
Station 5: Case Based Discussion on Inborn Errors of Metabolism  Stefano Picca, MD and JJ (Joshua) Zaritsky, MD
Station 6: Set up and troubleshooting  Theresa Mottes, RN and Baxter Representative
Station 7: Liver failure  Akash Deep, MD and Nikkiso Representative
Station 8: Hemodialysis  Rupesh Raina, MD and Fresenius Representative

12:00 – 1:00 Lunch – on your own

1:00 – 5:00 PM Workshop
Station 1: ECMO and CRRT  Matthew Paden, MD and Cecilia Hyslops, RN
Station 2: Peritoneal Dialysis  Mignon McCulloch, MD
Station 3: Plasmapheresis  Jordan Symons, MD and Baxter Representative
Station 4: SLED  Sidharth Sethi, MD and Fresenius Representative
Station 5: Case Based Discussion on Inborn Errors of Metabolism  Stefano Picca, MD and JJ (Joshua) Zaritsky, MD
Station 6: Set up and troubleshooting  Theresa Mottes, RN and Baxter Representative
Station 7: Liver Failure  Akash Deep, MD and Nikkiso Representative
Station 8: Hemodialysis  Rupesh Raina, MD and Fresenius 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 AM  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 outcomes)  Sidharth Sethi, MD
CRRT in AKI  Andrew Durward, MD
AKI in Sepsis  Joseph Carcillo, MD
CRRT in Sepsis  Akash Deep, MD
Questions and Answers

1:00 – 1:30  Questions and Answers

1:30 – 2:00  Pick up boxed lunches  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

4:30 – 5:00  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 AM  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 Used in Neonatal AKI  Tim Bunchman, MD
Outcomes in Neonatal AKI  Jordan Symons, MD
Inborn Error of Metabolism  Stefano Picca, MD
Questions & Answers

Parallel Session #2 – Nutrition & medicine
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  9th International PCRRRT 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

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
PCRRRT 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

Name

Title

Company Name

Address

Phone

Email

☐ Payment enclosed ☐ Payment by credit card

☐ Visa ☐ MasterCard ☐ Discover ☐ American Express

Card Number

Security Code

Expiration Date

Name on Card

Signature

Signature

Date

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

Email: 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
<table>
<thead>
<tr>
<th>Name</th>
<th>Role/Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timothy Bunchman, MD – <strong>Course Co-Director</strong></td>
<td>Founder, PCRRF Foundation, Professor and Director, Pediatric Nephrology and Transplantation, Richmond, VA</td>
</tr>
<tr>
<td>Akash Deep, MD, FRCPCH – <strong>Course Co-Director</strong></td>
<td>Director of Paediatric Intensive Care Unit, Child Health, King’s College Hospital, London, UK</td>
</tr>
<tr>
<td>Joseph Carcillo, MD</td>
<td>Professor, Critical Care Medicine and Pediatrics, University of Pittsburgh School of Medicine, Pittsburgh, PA</td>
</tr>
<tr>
<td>Andrew Durward, MD</td>
<td>Consultant in Paediatric Intensive Care, Evelina London Children’s HealthCare, London, UK</td>
</tr>
<tr>
<td>Cecilia Hyslop, BScN, RN, BA Gen, M Ed, CNCCP(C)</td>
<td>Nurse Education, Cardiac Critical Care</td>
</tr>
<tr>
<td>Stuart L. Goldstein, MD, FAAP, FNKF</td>
<td>Clark D. West Endowed Chair, Center for Acute Care Nephrology, Cincinnati Children’s Hospital, Cincinnati, OH</td>
</tr>
<tr>
<td>Mignon McCulloch</td>
<td>Associate Professor, Consultant, Paediatric Intensive Care, Red Cross Children’s Hospital, Professor, Paediatric Intensive and Critical Unit, University of Capetown, Capetown, South Africa</td>
</tr>
<tr>
<td>Theresa Mottes, RN</td>
<td>Research Nurse, Division of Nephrology and Hypertension, Cincinnati Children’s Hospital Medical Center</td>
</tr>
<tr>
<td>Matthew Paden, MD</td>
<td>Medical Director, Pediatric ECMO and Advanced Technologies, Children’s Health Care of Atlanta, Atlanta, GA</td>
</tr>
<tr>
<td>Stefano Picca, MD</td>
<td>Department of Pediatrics, Ospedale Pediatrico Bambino Gesu, Rome, Italy</td>
</tr>
<tr>
<td>Rupesh Raina, MD, FAAP, FACP, FASN, FNKF</td>
<td>Metrohealth, Senior Instructor, Case Western Reserve University, School of Medicine and Cleveland Clinic, Cleveland, OH</td>
</tr>
<tr>
<td>Sidharth Kumar Sethi, MD</td>
<td>Consultant, Pediatric Nephrology, Kidney Institute, Editor, <em>Journal of Clinical Pediatric Nephrology</em>, Gurgaon, India</td>
</tr>
<tr>
<td>Jordan M. Symons, MD</td>
<td>Professor of Pediatrics, Department of Pediatrics, University of Washington School of Medicine, Seattle Children’s Hospital, Division of Nephrology, Seattle, WA</td>
</tr>
<tr>
<td>Joshua J. Zaritsky, MD</td>
<td>Division Chief, Division of Pediatric Nephrology, Department of Pediatrics, Nemours/Alfred I. DuPont Hospital for Children, Wilmington, DE</td>
</tr>
</tbody>
</table>