

AKI & CRRT 2016

FEBRUARY 16-19, 2016
SAN DIEGO, CALIFORNIA
MANCHESTER GRAND HYATT

Endorsed by the
INTERNATIONAL SOCIETY OF NEPHROLOGY
AND ACUTE KIDNEY INJURY NETWORK



THE 21ST
INTERNATIONAL CONFERENCE ON
ADVANCES IN CRITICAL CARE NEPHROLOGY



Updates in ICU Medicine:
Controversies, Challenges and Solutions



Jointly Provided by

UC San Diego
SCHOOL OF MEDICINE

CRRT, INC.

crrtonline.com

Abstract Deadline:
Dec. 12, 2015

Dear Colleague,

We would like to invite you to join us for the upcoming **21st International Conference on Advances in Critical Care Nephrology - AKI&CRRT 2016**.

The CRRT Conference continues to provide a comprehensive coverage of the rapidly developing field of Critical Care Nephrology and CRRT. It highlights the recent advances in our understanding of pathophysiology of critical illness, acute kidney injury, emerging strategies in the management of sepsis, multiorgan failure, development and use of biomarkers, technical advances in CRRT and the appropriate utilization of these techniques. This year's program presents exciting new developments and evidence for assessing critically ill patients, the role of the microbiome and advances in the global burden of AKI CRRT. A mix of invited lectures, controversies, interactive workshops, tutorials, poster sessions and panel discussions are planned to continue the tradition of multidisciplinary interactions.

Again this year we are offering a Pre-Conference AKI Symposium titled **Changing Paradigms in Acute Kidney Injury: From Mechanisms to Management**. The workshop will provide a comprehensive review of the most recent developments in the field and include the proceedings from the 15 and 16th ADQI conferences on AKI in the era of Big Data and Renal Recovery. We hope that this course will provide participants an opportunity to interact with experts in the field and emerge with a better understanding of this rapidly evolving area.

2016 Conference Topic Highlights:

- **Meet The Expert Sessions**

Interact and Learn from Experts on How to Evaluate and Manage ICU Patients with Difficult Clinical Problems

- **Organ Dysfunction in the Critically Ill Patient**

Emerging Concepts in Organ Cross-talk, Sepsis, Liver and Cardiac Dysfunction, Infections

- **Raising Awareness of Acute Kidney Injury (AKI)**

The ISN AKI 0by25 initiative Global snapshot of AKI, the Global Burden of Disease, Strategies for Raising Awareness and Providing Tools for Education and Training, Creating Infrastructure for Dialysis in Resource Poor Countries

- **Controversies in Management of the Critically Ill Patient**

Diuretic Use for AKI, Antibiotic Nephrotoxicity, RRT for End Stage Liver Disease, Protecting the Kidney; Results from Trials in AKI and Heart Failure

- **Challenges and Controversies in Renal Support & CRRT**

When to Start and Stop, Bicarbonate Use, Co2 Removal, RRT for Sepsis, Pharmacokinetics of Antibiotics, Energy Expenditure in RRT

- **Biomarkers for Management of Critically Ill Patients**

Risk Stratification, Surveillance, Diagnosis, Targeted Intervention and Prognosis

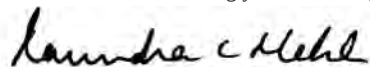
- **Special Sessions for Nurses and Allied Personnel**

Skills Assessment, Workshops on CRRT, Plasma Exchange, Establishing Quality Metrics for RRT in AKI

- **Special Pre-Conference CRRT Workshop (elective)**

The Practice Based Learning in CRRT workshop will utilize case based discussions and "hands-on" interactions with machines to train participants on setting up and delivering CRRT

As always, we are working to provide the right environment to foster learning and mutually beneficial communications and collaborations. We hope that you will join us to share your knowledge and experience as it is through multidisciplinary interactions that we will gain a better understanding of critical illness and it is only through our collective efforts that we will improve the lives of our patients. We look forward to welcoming you to San Diego for the 21st time.



Ravindra L Mehta, MBBS MD DM FACP FRCP(UK)
Chairman, Organizing Committee

AKI&CRRT 2016

Endorsed by



The International Society of Nephrology



Acute Kidney Injury Network

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IMPORTANT CONFERENCE DATES

Abstract Submission (see page 7)	Now Open
Online Registration Begins	Now Open
Deadline for Receipt of Abstracts (see page 7)	December 12, 2015
Notification of Abstract Acceptance	December 30, 2015
Deadline for Early Bird Registration	January 5, 2016
Hotel Reservation Deadline	January 20, 2016
On-site Registration Fees Begin	February 3, 2016
Pre-Conference AKI Symposium - PW1 (see page 4)	February 16, 2016
Pre-Conference Full Day CRRT Workshop(see page 4)	February 16, 2016
Poster Mounting and Viewing	February 16, 2016
Plenary and Standard Workshop Sessions	February 17-19, 2016

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FACULTY DISCLOSURE STATEMENT

It is the policy of the University of California, San Diego School of Medicine to ensure balance, independence, objectivity and scientific rigor. All persons involved in the selection, development and presentation of content are required to disclose any real or apparent conflicts of interest. All conflicts of interest will be resolved prior to an educational activity being delivered to learners through one of the following mechanisms 1) altering the financial relationship with the commercial interest, 2) altering the individual's control over CME content about the products or services of the commercial interest, and/or 3) validating the activity content through independent peer review. All persons are also required to disclose any discussions of off label/unapproved uses of drugs or devices. Persons who refuse or fail to disclose will be disqualified from participating in the CME activity.

GENERAL INFORMATION

Visit our website for the most current program information, abstract submission, online registration (reg. form download available) and online hotel reservations.
www.crrtonline.com

CONFERENCE DATES AND LOCATION

The inclusive dates for all scientific sessions of the **TWENTIETH INTERNATIONAL AKI & CRRT CONFERENCE** are February 16-19, 2016. The Conference will be held at the Manchester Grand Hyatt, 1 Market Place, San Diego, CA 92101, Tel: (619) 232-1234. Online Reservations are available directly with the hotel by using Hotel Reservations link on the conference website. Group reservations of 5 or more hotel rooms need to contact the conference administration directly at 858-272-1018.

REGISTRATION INFORMATION

Please visit our website to register (online registration required, printable form available).

All participants must register and pay the appropriate fee. **Fee includes** access to all Plenary Sessions, Standard Workshops, Focused Symposia, Exhibit Area, Welcome Reception & Poster Sessions (Tue.), Exhibit Reception (Wed.), CME Accreditation, Conference Syllabus on digital media, two Lunches (Wed. & Thur.), Morning Coffee and all conference coffee breaks. Conference Registration Fee **DOES NOT** include Elective Events on Tuesday. (see page 4 & 5 for list). Registration check-in will begin on Monday, February 15, 2016. Poster Viewing will begin on Tuesday evening February 16, 2016. For additional registration times see the program.

REGISTRATION FEES

	Early Bird On or before Jan. 5, 2016	Pre-Registration Jan. 6, 2016 thru Feb. 2, 2016	On-Site Registration Feb. 3 thru Feb. 19, 2016
Physicians/Other (MD, PhD, etc.)	\$ 695	\$ 795	\$ 865
<i>With Multimedia Package</i>	\$ 895	\$ 995	\$1,065
Nurses/Dieticians/ Pharmacists/Residents*/Fellows*	\$ 495	\$ 595	\$ 640
<i>With Multimedia Package</i>	\$ 695	\$ 795	\$ 840
Industry	\$ 695	\$ 795	\$ 865
<i>With Multimedia Package</i>	\$ 895	\$ 995	\$1,065

*with letter of verification from department head

PRE-CONFERENCE ELECTIVE SYMPOSIUM & WORKSHOP FEES

PW1 AKI / PW2 CRRT	\$ 230	\$ 250	\$ 270
<i>With Multimedia Package</i>	\$ 355	\$ 375	\$ 395

ONLINE MULTIMEDIA PRESENTATIONS

(with registration) **\$200**

We will capture/record all 7 **PLENARY SESSIONS** for post-conference viewing online. Add this package to your registration to review presentations in a state-of-the-art format that includes streaming audio and video, and synchronized slides. Make this purchase when registering for the conference online and **SAVE** significantly over post-conference purchase of individual plenary sessions. Please visit the conference website for details regarding the presentations & free demo lecture.

AKI Pre-Conference Symposium & Practice Based Learning in CRRT also available!

GUEST FEE (must accompany registered delegate)

\$185

Includes: Access to Exhibit Area, Welcome Reception (Tuesday), Exhibit Reception (Wednesday) and two Lunches (Wednesday & Thursday). Guests are not admitted to the General Sessions or Workshops.

PRE-CONFERENCE ELECTIVE EVENTS (CME Available)

AKI SYMPOSIUM *(see page 3 for fees)*

Presented by UAB/UCSD O'Brien Center for AKI Research

TUESDAY, FEBRUARY 16 - Full Day* *(limited enrollment, full program on page 8)*

CRRT Conference Attendance is **NOT** Required for this Symposium. See website for details!

PW1: Changing Paradigms in Acute Kidney Injury: From Mechanisms to Management

7:55am-5:30pm *(includes 12:15 lunch, AM & PM breaks)*

Acute Kidney Injury is a rapidly evolving area where several advances have been made in understanding the mechanisms and pathways of AKI and its effects on other organs. Recent identification of biomarkers has provided new tools and techniques to characterize this disorder. This pre-course will provide a comprehensive review of the most recent developments in the field and describe emerging knowledge from basic and translational research applicable to clinical care.

* A \$30 discount will be given to attendees that register for the CRRT Conference. To receive the discount you must sign up for this symposium at the same time you register for the conference.

CRRT WORKSHOP *(see page 3 for fees)*

TUESDAY, FEBRUARY 16 - Full Day *(limited enrollment, full program on page 9)*

PW2: Practice Based Learning in CRRT: The Science and the Art

8:00am-5:00pm *(includes lunch, AM & PM breaks - CRRT Conference Registration Required)*

This workshop is designed to provide participants with the knowledge and understanding for decision making for the effective utilization of CRRT to manage critically ill patients. The workshop will utilize case based discussions and "hands on" demonstrations to illustrate the underlying concepts for application of CRRT. All participants will be provided access to digital media describing the basic concepts of CRRT and will be expected to have reviewed this material prior to the workshop. Delegates will participate in group exercises to apply their learning for the management of complex cases. At the end of this workshop participants will have an improved understanding of how to utilize CRRT for optimizing renal support. A quiz will be administered pre-and post- course for assessment.

The "hands-on" sessions will use a case-based approach to provide training on different aspects of CRRT. All participants will be allocated to teams of 6 to 8 participants that will have nurses, pharmacist and physicians represented in each team. Each team will go through four interactive case discussions and role-playing with their assigned team. The "hands on" workshop session is divided into four (4) sessions 45 minutes in length that will occur simultaneously. Each session will be repeated 4 times. Teams will rotate through each session in their breakout group in order to maximize the learning opportunity for each participant in a small group setting. There will be a 5 minute break between each session in order to allow the participants to move to the next session.

MEET THE EXPERTS *(limited to the first 30 delegates in each of 4 sessions)*

\$50 each

These breakfast sessions (choose from 2 on Wed. & Thurs.) allow participants to meet and interact with internationally renowned experts in an informal setting over breakfast. This is an excellent opportunity to ask questions, learn how these experts manage patients, get guidance for projects and network.

Wednesday, February 17 - 7:00-8:00am *(choose one)*

Session 1 (ME1)

How I Assess Patients in the ICU and My Approach to Oliguria

Peter Pickkers, MD and Jean Louis Vincent MD

Session 2 (ME2)

What Strategies Do I Use to Prevent AKI

Paul Palevsky, MD and Peter McCullough, MD

Thursday, February 18 - 7:00-8:00am *(choose one)*

Session 3 (ME3)

How do I Manage Patients with Combined Liver and Kidney Dysfunction?

Patrick Kamath, MD and Mitra Nadim, MD

Session 4 (ME4)

How I Use the KDIGO AKI Guidelines to Manage Patients

John Kellum, MD and Claudio Ronco, MD

LUNCHEONS

Luncheons are included with registration but have limited enrollment, RSVPs are required.
Selections made during registration.

WEDNESDAY, FEBRUARY 17, 2016 - 11:30am-1:00pm

LUNCH SYMPOSIUM A

(CME Available)

New Kids on the Block: Emerging Biomarkers in AKI, CKD and Cardiorenal Syndrome

penKID - Alan Maisel

Galactin-3 - Marlies Ostermann

Chitinase3 Like 1 Protein - Eric Hoste

LUNCH SYMPOSIUM B

(CME Available)

Fluid Management of the Critically Ill Patient: Crystalloids, Colloids and Blood Products

Jean Louis Vincent, John Prowle and Andrew Shaw

LUNCH SYMPOSIUM C

(CME Available)

Novel Approaches for Recognition and Management of Life Threatening Complications of AKI and CKD

Peter McCullough and Mitch Rosner

THURSDAY, FEBRUARY 18, 2016 - 12:15pm-1:45pm

LUNCH SYMPOSIUM D

(CME Available)

Injury Matters: The Role of Risk Assessment and Early Intervention in AKI

Moderators: Lakhmir Chawla and John Kellum

Discussants: Rajit Basu, Kianoush Kashani and Azra Bihorac

LUNCH SYMPOSIUM E

(CME Available)

Improving Outcomes in AKI and CRRT: Does Quality Matter?

Moderators: Mitch Rosner and Etienne Macedo

Discussants: Ian Baldwin, Sean Bagshaw and Theresa Mottes

LUNCH SYMPOSIUM F

(CME Available)

Winning The War Against Critical Illness: Role of Post-ICU Quality of Life

Moderators: Steve Alexander and Michael Joannidis

Discussants: Paul Wischmeyer, Patty Graham and Noel Gibney

SOCIAL ACTIVITIES *(Non-CME)*

Welcome Reception and Poster Review

Tuesday, February 16, 2016

5:30-7:00pm

All attendees are invited to review the CRRT poster presentations including fellows in training and meet the presenters and faculty. This is a great opportunity to pick-up credentials, register on-site, organize your workshops and prepare for the upcoming CRRT meeting. Light appetizers & refreshments will be served.

Exhibit Reception and Poster Session

Wednesday, February 17, 2016

6:00pm-8:00pm

Meet and interact with CRRT poster presenters while you review the latest in equipment and products. This is a great opportunity to network and meet your colleagues. Light appetizers & refreshments will be served.

CANCELLATION POLICY

If your registration must be cancelled, your fee, less \$100 U.S. for administrative costs, will be refunded upon your written request. No refunds will be made after **January 25, 2016**. Allow 6-8 weeks for refund.

CONFERENCE OFFICE

RES Seminars, 4425 Cass Street, Suite A
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CONTACT INFO

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Email: crrt@res-inc.com

Website: www.crrtonline.com

ABSTRACT INFORMATION

DEADLINE FOR RECEIPT OF ABSTRACTS: December 12, 2015

Abstract Submission Via Our Website is Required: www.crrtonline.com

GENERAL INFORMATION

1. The abstract must be written in English.
2. Deadline: abstracts **MUST BE RECEIVED** no later than **December 12, 2015**.
3. **Online abstract submissions are required. See website for details: www.crrtonline.com**
4. Presenting authors must pay the registration fee and attend the meeting. Authors of accepted abstracts are not provided with travel funds.
5. All accepted abstracts will be published and distributed electronically in the CRRT Conference Syllabus. Hardcopy syllabus booklets will be available for purchase during the conference. Abstracts and digital posters (if submitted) will also be published online at: www.crrtonline.com
6. Notification of acceptance will be mailed by **December 30, 2015**.
7. **Selected abstracts will be eligible for digital poster discussions with experts on Tuesday, February 16 from 5:30-7:00pm. Details will be provided with notification of acceptance.**

CONTENT OF THE ABSTRACT

1. Abstracts are limited to 2500 characters. Please see sample on website: www.crrtonline.com/conference/
2. Abstract Body: purpose of the study, methods used, summary of the results and conclusion reached.
3. Author list is limited to 10.
4. References and credits **MUST NOT** be included in the abstract.
5. Simple tables, figures and graphs may be included, but avoid the use of special characters.
6. Formulas should be avoided.
7. Use standard abbreviations in parentheses after the full word appears the first time.
8. Please indicate the subject category your abstract most closely represents:
a) Epidemiology and Outcomes from AKI, b) Research in AKI (Basic, translational, clinical including clinical trials), c) RRT Technique Characteristics, d) RRT Applications and Targeted Interventions, e) New Technology, f) RRT Research, g) Nursing Issues (education, training, care delivery)
9. Abstracts will be published as submitted. Proof and edit your submission accordingly.

TRAVEL AND REGISTRATION AWARDS

Fellows in an accredited training program, nurses and allied professionals who submit a poster abstract to be presented at the CRRT Conference by December 12 are eligible to apply for Registration and Travel Awards for the conference. Awards will be based on the quality and relevance of the research as judged by the abstract review committee. **Awards will be provided based on availability of funds.** The top three abstracts will be recognized. Award recipients are required to be present at their poster session on Tues. Feb. 16 and Wed. Feb. 17.

1. **Registration Awards** - Conference reg fee. includes plenary sessions and standard workshops.
2. **Travel Awards** - Checks for up to a maximum of \$500 will be presented at the time of the conference.
3. **Recognition Awards** - The top three abstracts will be awarded recognition awards.

CRITERIA FOR GRANTS AND/OR AWARDS

1. Submit a poster abstract (via CRRT web site) and present a poster in the topics covered in the CRRT conference at the Poster Sessions: Tuesday, Feb. 16 and Wednesday, Feb. 17, 2016.
2. Fellows must be currently enrolled in an accredited fellowship program in their host country.
3. Submit a signed letter (*same time as abstract*) from their program director verifying their current status in the program. **NOTE:** Signed letter must be faxed or emailed to CRRT administration office (fax: 1-858-272-7687 or res@crrtonline.com) **on the same date** as submission of abstract. Abstracts submitted without dated faxed letter will not be accepted for Grants.
4. Designate request for financial support on the CRRT website abstract application form.
5. Fellows must attend an offered workshop.

SUBMISSION

1. Notification of acceptance will be mailed by **December 30, 2015** with additional information regarding poster dimensions, digital file submission and presentation of your poster.
2. For additional information or if you are unable to complete an online submission contact:
RES Seminars
4425 Cass Street, Suite A
San Diego, CA 92109 USA

Phone: 858-272-1018 Website: crrtonline.com
Fax: 858-272-7687
Email: res@crrtonline.com

CME INFORMATION

LEARNER OBJECTIVES

The CRRT conference provides a comprehensive review of advances in clinical care, research and technology in critical care medicine with a focus on the kidney and renal support techniques. The conference is designed to facilitate interdisciplinary interactions among caregivers involved in the management of patients in intensive care units. Physicians, nurses, pharmacists, nutritionists and other allied personnel from industry have opportunities to learn from each other. The conference utilizes a combination of invited lectures; case based small group workshops, debates, hands-on interactive based workshops. Attendees have an opportunity to interact with the faculty through focused panel discussions and symposia. Oral and poster presentations and pre-conference hands-on workshops provide a wide variety of opportunities to earn credits.

At the end of this conference attendees should be able to:

1. Describe the recent advances in the pathophysiology and management of critically ill patients with a focus on fluid and drug management of shock, multi-organ failure, infections, liver failure.
2. Discuss the optimal ways to diagnose, treat and follow up patients with acute kidney injury utilizing biomarkers, imaging and lab studies and use educational tools to raise awareness of AKI.
3. Describe the principles and practice of renal replacement techniques including CRRT, IHD and Plasma

ACCREDITATION STATEMENT

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of The University of California, San Diego School of Medicine and CRRT, Inc. The University of California, San Diego School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

The University of California, San Diego School of Medicine designates this live activity for a maximum of **31.0 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

BRN: For the purpose of recertification, the American Nurses Credentialing Center accepts **AMA PRA Category 1 Credits™** issued by organizations accredited by the ACCME. For the purpose of relicensure, the California Board of Registered Nursing accepts **AMA PRA Category 1 Credits™** (report up to 31.0 hours of credit and list "CME Category 1" as the provider number).

NEEDS ASSESSMENT

Several sources of information were utilized to identify the practice gaps prompting this educational conference. These include literature review of multiple publications in Pubmed, publications from the American Society of Nephrology, International Society of Nephrology, published KDIGO and European Best Practice and NICE guidelines and feedback from participants and faculty at prior CRRT conferences and discussions with the organizing committee.

TARGET AUDIENCE

The CRRT target audience includes: MD/DOs, NP/PA/Nurses, Dietitians, Industry, Pharmacists, Residents and Fellows. Specialties include: Anesthesiology, Cellular & Molecular Medicine, Critical Care, Emergency Medicine, Family & Preventive Medicine, Geriatrics, and Internal Medicine.

The following Workshops, Plenary Sessions and Electives qualify for CME Credit:

Tuesday	ELECTIVES: PW1 Changing Paradigms in AKI, PW2 Practice Based Learning in CRRT,
Wednesday	MEET THE EXPERT SESSIONS, LUNCH SYMPOSIA GROUP 1 - SIMULTANEOUS STANDARD WORKSHOPS GROUP 2 - SIMULTANEOUS STANDARD WORKSHOPS
Thursday	OPENING SESSION I: PATIENT CHARACTERISTICS MEET THE EXPERT SESSIONS, LUNCH SYMPOSIA GROUP 3 - SIMULTANEOUS STANDARD WORKSHOPS SESSION II: CONTROVERSIES IN CRITICAL CARE NEPHROLOGY SESSION III: EMERGING CONCEPTS IN AKI AND RRT
Friday	SESSION IV: IMPROVING OUTCOMES IN AKI SESSION V: FUTURE TRENDS IN CRRT AND CRITICAL CARE

CULTURAL AND LINGUISTIC COMPETENCY

This activity is in compliance with California Assembly Bill 1195 which requires continuing medical education activities with patient care components to include curriculum in the subjects of cultural and linguistic competency. Cultural competency is defined as a set of integrated attitudes, knowledge, and skills that enables health care professionals or organizations to care effectively for patients from diverse cultures, groups, and communities. Linguistic competency is defined as the ability of a physician or surgeon to provide patients who do not speak English or who have limited ability to speak English, direct communication in the patient's primary language. Cultural and linguistic competency was incorporated into the planning of this activity. Additional resources on cultural and linguistic competency and information about AB1195 can be found on the UCSD CME website at <http://cme.ucsd.edu>.

PROGRAM

MONDAY, FEBRUARY 15

4:00-7:00pm Conference Registration Open

TUESDAY, FEBRUARY 16

7:00am-7:00pm Conference Registration Open

PRE-CONFERENCE AKI SYMPOSIUM - PW1 (CME Available)

(see page 3 for elective symposium and workshop fees)

Changing Paradigms in Acute Kidney Injury: From Mechanisms to Management

Presented by UAB/UCSD O'Brien Center for AKI Research

CRRT Conference registration is NOT required for this elective symposium. See page 4 for details.

7:55 am **Opening Remarks** - Ravindra Mehta, MD

PLENARY 1 **Molecules, Mechanisms and Targets**

Co-Chairs: Anupam Agarwal, MD and Zheng Dong, MD

8:00-8:20 **TRPM2 Channels, Oxidant Stress and Ischemic AKI** - W. Brian Reeves

8:20-8:40 **Telomerase, Autophagy and Acute Kidney Injury** - Raymond Harris

8:40-9:00 **Tubular Transport in Acute Kidney Injury** - Volker Vallon

9:00-9:20 **Iron and Acute Kidney Injury** - David Leaf

9:20-9:40 **Sphingolipid Signaling and Kidney Disease Fibrosis: New Therapeutic Target** - Mark Okusa

9:40-10:00 **Discussion**

10:00-10:15 *Coffee Break*

PLENARY 2 **Of Mice and Men: Harmonizing Human and Animal AKI**

Co-Chairs: Raymond Harris MD and Mark Okusa, MD

10:15-10:35 **Organ Cross Talk: Kidney Heart Interactions** - Kent Doi

10:35-10:55 **Macrophage Dynamics in AKI** - Gilbert Kinsey

10:55-11:15 **Models of AKI Leading to CKD** - Manjeri Venkatachalam

11:15-11:35 **microRNAs in the Pathogenesis and Diagnosis of AKI** - Zheng Dong

11:35-11:55 **Insights Into the Mechanisms of the AKI to CKD Continuum** - Motoko Yanagita

11:55-12:15 **Discussion**

12:15-1:15 pm *Lunch Hosted by Conference*

PLENARY 3 **Bench to Bedside: Translating Discoveries to Clinical Care**

Co-Chairs: Jean Louis Vincent, MD and Claudio Ronco, MD

1:15-1:35 **siRNA and Gene Delivery Approaches for Treating AKI** - Simon Atkinson

1:35-1:55 **Role of Complement in Acute Kidney Injury** - Joshua Thurman

1:55-2:15 **Lipoic Acid in the Prevention of AKI** - Peter McCullough

2:15-2:35 **Remote Ischemic Preconditioning: Bench to Bedside and Back** - John Kellum

2:35-2:55 **Mineralocorticoid Receptor Antagonism in AKI: A New Hope?** - Luis Juncos

2:55-3:15 **Discussion**

3:15-3:30 *Coffee Break*

PLENARY 4 **Controversies in AKI**

Co-Chairs: Paul Palevsky MD and Patrick Murray, MD

3:30-3:50 **Frequency Bias: A New Limitation of Creatinine as an AKI Biomarker** - Francis Perry Wilson

3:50-4:10 **Community vs Hospital Acquired AKI: Do We Have the Metrics?** - David G. Warnock

4:10-4:30 **Oliguria and Biomarker for AKI? How Are They Confounded?** - Michael Joannidis

4:30-4:50 **Renal Stress Testing in AKI** - Lakhmir Chawla

4:50-5:10 **The Puzzle of Subclinical AKI** - Claudio Ronco

5:10-5:30 **Care Bundles in AKI Do They Work?** - Nicholas Selby

5:30 **Adjourn**

5:30-7:00pm **Tuesday Evening Reception & Poster Review** - For All Conference Attendees

7:00am-7:00pm Conference Registration Open

PRE-CONFERENCE WORKSHOP - PW2 (CME Available)

(see page 3 for elective symposium and workshop fees)

Practice Based Learning in CRRT: The Science and the Art

This workshop is designed to provide participants with the knowledge and understanding for decision making for the effective utilization of CRRT to manage critically ill patients. For the hands on Workshop Rotations, all participants will be allocated to teams of 6 to 8 participants. The workshop will utilize case based discussions and “hands on” interactions with machines to illustrate the underlying concepts for application of CRRT. Delegates will participate in group exercises to apply their learning for the management of complex cases. At the end of this workshop participants will have an improved understanding of how to utilize CRRT for optimizing renal support. A quiz will be administered pre-and post- course for assessment.

Learning Objectives:

- Describe the underlying concepts and review the process of decision making for choice of CRRT therapy components and their implementation
- Obtain hands on experience in machine set-up, troubleshooting, prescription and delivery
- Utilize the tools provided to manage complex cases with CRRT.

Co-Chairs: Ashita Tolwani, MD and Jorge Cerda, MD

Faculty:	David Askenazi, MD	Stuart Goldstein, MD	Bruce Mueller, PharmD
	Linda Awdishu, PharmD, MAS	Patti Graham, RN, CSN, CCRN	Noel Oabel, BSN, RN, CNN
	Ian Baldwin, RN, PhD	Luis Juncos, MD, PhD	Teri Shell, RN
	Michael Connor, MD	Isagani Marquez	
	Dinna Cruz, MD	Theresa Mottes, RN	

7:45-8:00am	Opening Remarks - (Tolwani, Cerda)
8:00-8:45	Pre-test - (Tolwani, Cerda)
8:45-9:25	AKI and Patient Selection for CRRT - (Cerda)
9:25-10:10	CRRT: The technical Questions - Modality, A/C, Solutions, Dose - (Tolwani)
10:10-10:25	<i>Coffee Break</i>
10:25-11:05	CRRT: The Technical Questions - Access, Membrane, Circuit - (Juncos)
11:05-11:35	CRRT Outcome Studies: Survival and Renal Recovery - (Connor)
11:35-12:00	Developing, Implementing, Maintaining and Financial Aspects of CRRT - (Cerda)
12:00-1:15pm	<i>Lunch Hosted by Conference for Workshop Participants</i>
1:15-3:30	Hands-On Workshop Rotations - All Teams The “hands-on” sessions will use a case-based approach to provide training on different aspects of CRRT. All participants will be allocated to teams of 6 to 8 that will have nurses, pharmacists and physicians represented in each team. Each team will go through four interactive case discussions and role-playing with team members. The workshop is divided into four (4) sessions 45 minutes in length that will occur simultaneously. Each session will be repeated 4 times so teams can rotate through each session in order to maximize the learning opportunity. Teams rotate during 5 minute breaks between sessions. Pediatric teams will rotate only through the pediatric section. SESSION 1 CRRT Prescription/Order Sets/Documentation - (Cruz, Cerda, Graham) <i>Operationalizing the prescription for different modalities; documentation</i> SESSION 2 Circuit, Anticoagulation, Citrate Protocols - (Tolwani, Awdishu, Shell) <i>Access and circuit setup, citrate anticoagulation, monitoring and adjustments</i> SESSION 3 CRRT Dose/Fluid/Drug Dosing - (Connor, Mueller, Oabel) <i>Setting the machine for volume management, solute clearances and adjustments for drugs and nutritional support</i> SESSION 4 Monitoring, Alarms and Connections with Other Therapies - (Baldwin, Juncos, Marquez) <i>Assessment and correction of alarm states and managing connections with ECMO/ECCOR and apheresis</i> PEDIATRIC SESSION - (Askenazi, Goldstein, Mottes) <i>Modality selection, circuit modifications, therapy dosing, monitoring, adjustments for targeted interventions</i>
3:30-3:45	<i>Coffee Break</i>
3:45-4:45	Interactive Clinical Case (Decision Making) - (Tolwani, Connor and CRRT Faculty)
4:45-5:30	Post-test and Wrap-up
5:30	Adjourn
5:30-7:00pm	Tuesday Evening Reception & Poster Review - For All Conference Attendees

WEDNESDAY MORNING, FEBRUARY 17

7:00am-4:30pm Conference Registration Open

7:00-8:00am *Coffee Served*

7:00-8:00am **MEET THE EXPERT - CME Available**
(elective sessions, choose one, see pg. 4 for details)

Session 1 (ME1) - How I Assess Patients in the ICU and My Approach to Oliguria
Peter Pickkers, MD and Jean Louis Vincent MD

Session 2 (ME2) - What Strategies Do I Use to Prevent AKI
Paul Palevsky MD and Peter McCullough, MD

STANDARD WORKSHOPS - GROUP 1 (CME Available for All)

Open to all participants - applicable to physicians, nurses and allied personnel

Codes: C= Core workshop, I = Intermediate, A = Advanced, N= Nurses, AP= Nurses & Allied Personnel
Workshops presented in a series are marked with a "1" for a primary discussion and "2" for a more complex or advanced discussion in the topic. Series workshops 1 and 2 can be taken subsequently (following each other) or independently (e.g. workshop 1 can be taken without taking workshop 2 and vice versa).

Workshop Tracks

A: Biomarkers; B: CRRT Technique; C: Critical Care Topics ; D: Organ Support ; E: Hemodynamic and Fluid Management; F: Dialysis Techniques and Pediatric Applications; G: Plasma Exchange

- 8:00-9:30am **GROUP 1 - SIMULTANEOUS STANDARD WORKSHOPS** (choose one)
- A01 Using Kidney Biomarkers for AKI 1: Risk Assessment, Diagnosis and Staging (C,N,AP)**
Practical issues for use of kidney biomarkers for assessing risk and for early recognition and interventions in AKI. (Murray, Koyner, Basu)
 - B02 Strategies for Optimizing the CRRT Circuit (Access, Anticoagulation and Monitoring) Citrate Anticoagulation (C,N,AP)**
Case based discussions on best practices to maintain circuits for CRRT focusing on the Access, Anticoagulation and Monitoring. (Juncos, Baldwin, Askenazi)
 - C03 Using Electronic Medical Records and Big Data to Improve care in AKI(C,N,AP)**
Principles and strategies to access EMR and big data to track and manage patients at risk for and with AKI to improve outcomes. (Goldstein, Selby, Wilson)
 - D04 Managing Patients with AKI and Liver Failure 1: Pathophysiology, Differential Diagnosis, Use of RRT, Liver Support, Strategies for Bridge to Transplant (C,N,AP)**
Pathophysiology of AKI in setting of acute and chronic hepatic failure and management strategies for differential diagnosis and therapy. (Kamath, Nadim, Davenport)
 - E05 Assessment of Fluid Responsiveness, Hemodynamic Monitoring and Targets (C,N)**
Principles and strategies for volume assessment, hemodynamic and microcirculatory monitoring in critically ill patients. (Kashani, Joannidis, Pickkers)
 - F06 Mobile Health Applications for AKI Management (C,N,AP)**
Use of point of care testing, smart phones and telemedicine for education, training and patient management (Yeates, Chakaravarthi, Burdmann)
 - G07 Principles of Plasma Exchange, Applications and Practical Issues (C,N,AP)**
Rationale and technique of plasma exchange and its applications, case based discussions. (Ward, Noiri, Sanchez)

9:30-10:00am *Coffee Break*

STANDARD WORKSHOPS - GROUP 2 (CME Available for All)

- 10:00-11:30am **GROUP 2 - SIMULTANEOUS STANDARD WORKSHOPS** (choose one)
- A08 Using Kidney Biomarkers for AKI 2: Differential Diagnosis, Interventions and Prognosis (C,N,AP)**
Strategies for the effective use of kidney biomarkers for managing patients with AKI to guide interventions and predict outcomes. (Doi, Bouchard, Goldstein)
- B09 CRRT for the Experienced User 1 (I,N,AP)**
Interactive case based discussions on dose adjustments, monitoring for adequacy, modality selection and transitions in CRRT. (Claire, Ronco, Baldwin)
- C10 Starting and Stopping RRT for AKI: Principles and Practice (A)**
Principles of determining when to start and stop RRT. Case based discussion of various approaches. (Macedo, Mehta)
- D11 Managing Patients with Sepsis: Pathophysiology, Diagnosis, Assessment, Resuscitation, Drug Management, Techniques for Disease Modification, Organ Support and Renal Protection (C,N,AP)**
Case based discussions on pathophysiology of sepsis, rationale and strategies for fluid and vasopressor use for supportive therapy with the sepsis bundle. Technical considerations and practical application of extracorporeal support techniques for sepsis. Results of human studies for use of high permeability membranes, HVHF, VHVHF and hybrid techniques for sepsis. (Vincent, Honoré, Fleming)
- E12 Fluids and Solutions in AKI Management: Crystalloids, Colloids and Blood Products: When and How to Use (I,N,AP)**
Techniques, applications, monitoring and practical issues for implementation. (Kellum, Hoste, Shaw)
- F13 Not Your Parents' CRRT: Advanced Pediatric-Specific Techniques (I,N,AP)**
Review and discussion of CRRT for pediatric patients, with emphasis on the specific challenges seen in the pediatric population. Participant-provided clinical cases will serve as the basis for discussion of technique, prescription, and outcome. This will be an interactive session - registrants are encouraged to send cases to the conference organizers for review and possible selection for discussion. (Mottes, Symons, Sutherland)
- G14 Practical Issues in Plasmapheresis: Setup and Troubleshooting, Combined CRRT with Apheresis (C,N)**
Technique adaptations for combining CRRT with other extracorporeal support therapies. Circuit set up, logistics, monitoring and assuring safety. (Ward, Marquez, Oabel)

11:30am-1:00pm **Lunch - RSVP required, selection made during registration. See page 5 for description.**

LUNCH SYMPOSIUM A - (CME Available)

New Kids on the Block: Emerging Biomarkers in AKI, CKD and Cardiorenal Syndrome
penKID - Alan Maisel

Galactin-3 - Marlies Ostermann

Chitinase3 Like 1 Protein - Eric Hoste

LUNCH SYMPOSIUM B - (CME Available)

Fluid Management of the Critically Ill Patient: Crystalloids, Colloids and Blood Products
Jean Louis Vincent, John Prowle and Andrew Shaw

LUNCH SYMPOSIUM C - (CME Available)

Novel Approaches for Recognition and Management of Life Threatening Complications of AKI and CKD - Peter McCullough and Mitch Rosner

Make your hotel reservations early at crrtonline.com

Or call the hotel directly. Mention you are a delegate to the AKI / CRRT Conference to receive the group rate.

Manchester Grand Hyatt 1-619-232-1234



SESSION I: PATIENT CHARACTERISTICS (CME Available)

1:10-3:30pm	Plenary 1 - MINI-SYMPOSIA <i>Organ Dysfunction in the Critically Ill Patient: Emerging Concepts</i>	4:00-6:00pm	Plenary 2 - MINI-SYMPOSIA <i>Acute Kidney Injury (AKI): Pathophysiology</i>
Co-Chairs:	Michael Joannidis and Miet Schetz	Co-Chairs:	Mitch Rosner and Peter McCullough
1:10-1:15	Opening Remarks Ravindra L Mehta	4:00-4:15	Endothelial Barrier Function is Critical for Renal Recovery Mark Okusa
1:15-1:30	Fluid Balance in Septic Patients Jean-Louis Vincent	4:15-4:30	Lung Transplantation and AKI Sean Bagshaw
1:30-1:45	Immunoparalysis in Sepsis: Can We Correct? Peter Pickkers	4:30-4:45	Sepsis-associated AKI Has Unique Epidemiology and Molecular Signatures John Kellum
1:45-2:00	Volume Bolus with Balanced Crystalloids in ICU Patients? Eric Hoste	4:45-5:00	Cardiac Surgery Associated AKI Xiaoqing Ding
2:00-2:15	Pneumonia and AKI: Much Worse Together Lakhmir Chawla	5:00-5:15	NINJAs Are Able to Reduce Nephrotoxic AKI Stuart Goldstein
2:15-2:30	Etiology and Prediction of AKI After Major Trauma John Prowle	5:15-6:00	My Favorite Idea in AKI and RRT Jean-Louis Vincent
2:30-2:45	What Really Happens in the Operating Room During Cardiac Surgery? Andrew Shaw	<i>Moderator:</i>	Noel Gibney
2:45-3:10	SPECIAL LECTURE Role of Microbiome in Critical Illness: Diagnostic and Treatment Options for the Future Paul Wischmeyer	6:00pm	Adjourn
3:10-3:30	Panel Discussion <i>Moderator:</i> John Kellum	6:00-8:00pm	EXHIBIT RECEPTION AND POSTER SESSION
3:30-4:00	<i>Coffee Break</i>		



THURSDAY MORNING, FEBRUARY 18

7:00am-4:30pm Conference Registration Open

7:00-8:00am *Coffee Served*

7:00-8:00am **MEET THE EXPERT - CME Available**
(elective sessions, choose one, see pg. 4 for details)

Session 3 (ME3) - How do I Manage Patients with Combined Liver and Kidney Dysfunction?
Patrick Kamath, MD and Mitra Nadim, MD

Session 4 (ME4) - How I Use the KDIGO AKI Guidelines to Manage Patients
John Kellum, MD and Claudio Ronco, MD

STANDARD WORKSHOPS - GROUP 3 (CME Available for All)

- 8:00-9:30am **GROUP 3 - SIMULTANEOUS STANDARD WORKSHOPS** (choose one)
- A15 Optimal Care for AKI: The 5 R Approach (C,N,AP)**
This workshop will describe the urgent need for educating care givers, patients and the lay public on the devastating effects of AKI. Strategies and tools for risk assessment, recognition and early response for AKI will be discussed. (Lewington, Cerda, Yeates)
 - B16 CRRT for the Experienced User 2: Solutions, Fluid Removal, Fluid Balance, Monitoring (A)**
Interactive case based discussion on strategies for fluid management in CRRT to achieve patient driven outcomes for fluid, electrolyte and acid base balance. (Prowle, Mehta)
 - C17 Drug Induced Kidney Injury in the ICU: Mechanisms, Susceptibility, Diagnosis, Management Strategies (A,N)**
Causes and consequences of drug induced nephrotoxicity, factors contributing to toxicity, strategies for preventing and managing toxicity. Drug dosing during dialysis techniques. (Mueller, Lipman, Sutherland)
 - D18 Managing Heart Failure and Cardio-Renal Syndrome: Pathophysiology, Diagnosis, Drug Management, Ultrafiltration, Renal Support and RRT for Patients with Ventricular Assist Devices and Artificial Hearts (A,N)**
Technical considerations, practical application and results of different methods to treat heart failure and cardio-renal syndrome including ultrafiltration techniques. (Maisel, Juncos, Tumlin)
 - E19 Nutrition Assessment and Management in AKI and CRRT (I,N)**
Principles of nutritional assessment, prescription and adjustments in AKI and RRT. (Wischmeyer, Ostermann, Joannidis)
 - F20 Pediatric Dialysis Techniques 2: CRRT in the Newborn, ECMO, Combination Therapies, Drug Dosing, Transitions (I,N)**
Pathophysiology and management of metabolic disorders, neonatal AKI and intoxications with CRRT. (Askenazi, Alsteadt, Fleming)
 - G21 Sorbent Based and Hybrid Therapies for Extracorporeal Support (I,N,AP)**
Hemopurification systems for sepsis, immunoadsorption and PMMA. (Cruz, Honoré, Noiri)

9:30-10:00am

Coffee Break

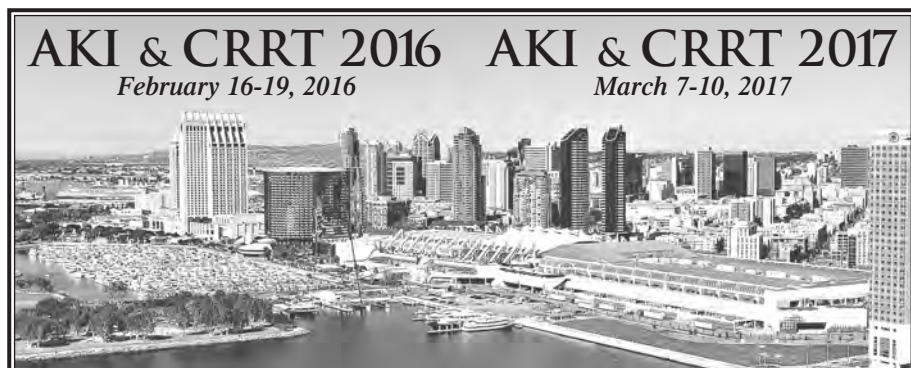
Mark Your Calendar Now for 2016 and 2017!!

AKI & CRRT 2016

February 16-19, 2016

AKI & CRRT 2017

March 7-10, 2017



THURSDAY MORNING/AFTERNOON, FEBRUARY 18

SESSION II: CONTROVERSIES IN CRITICAL CARE NEPHROLOGY (CME Available)

10:00am-12:15pm	Plenary 3 - MINI-SYMPOSIA <i>Challenges in ICU Management</i>	10:45-11:00	Recovery: The New Target for AKI Results of ADQI XVI John Kellum
Co-Chairs:	Andrew Shaw and Bruce Mueller	11:00-11:15	Renal Dysfunction as a Prognostic Marker in Liver Disease Patrick Kamath
10:00-10:15	Nutritional Support in AKI: Do We Know What to Do? Paul Wischmeyer	11:15-11:30	Kidney Injury in Heart Failure - Results of the AKINESIS Study Alan Maisel
10:15-10:30	Does Anything Work to Protect the Kidneys? Jean-Louis Vincent	11:30-12:00	SPECIAL LECTURE Translating Mechanisms to Management Award - TBD
10:30-10:45	The Antibiotic Arms Race - Getting the Launch Codes Correct Jeffrey Lipman	12:00-12:15	Top Abstract Awards

12:15-1:45pm **Lunch - RSVP required, selection made during registration. See page 5 for description.**

LUNCH SYMPOSIUM D - (CME Available)

Injury Matters: The Role of Risk Assessment and Early Intervention in AKI

Moderators: Lakhmir Chawla and John Kellum

Discussants: Rajit Basu, Kianoush Kashani and Jay Koyner

LUNCH SYMPOSIUM E - (CME Available)

Improving Outcomes in AKI and CRRT: Does Quality Matter?

Moderators: Mitch Rosner and Etienne Macedo

Discussants: Ian Baldwin, Sean Bagshaw and Theresa Mottes

LUNCH SYMPOSIUM F - (CME Available)

Winning The War Against Critical Illness: Role of Post-ICU Quality of Life

Moderators: Steve Alexander and Michael Joannidis

Discussants: Paul Wischmeyer, Patty Graham and Noel Gibney

SESSION III: EMERGING CONCEPTS IN AKI AND RRT (CME Available)

1:45-3:30pm	Plenary 4 - MINI-SYMPOSIA <i>Novel Strategies in AKI Management</i>	4:00-6:00pm	Plenary 5 - MINI-SYMPOSIA <i>Challenges and Controversies in Renal Support and CRRT</i>
Co-Chairs:	Li Yang and Andrew Lewington	Co-Chairs:	Ashita Tolwani and Ian Baldwin
1:45-2:00	AKI and CPR is Hypothermia Useful? Michael Joannidis	4:00-4:15	Bicarbonate Solutions in CRRT: Help or Harm? Kianoush Kashani
2:00-2:15	Making Iodinated Contrast Less Nephrotoxic with Cyclodextrin Peter McCullough	4:15-4:30	Antibiotic Dosing in Patients on RRT Jeffrey Lipman
2:15-2:30	Diagnostic Assessment of AKI in the ICU Patrick Murray	4:30-4:45	How to Remove H2O and CO2 with an Extracorporeal Circuit Claudio Ronco
2:30-2:45	Hemodynamic Optimization of AKI Stage 1 Marlies Ostermann	4:45-5:00	Optimizing Fluid Removal on RRT Ravindra L Mehta
2:45-3:00	Beware of Diuretics Jean Louis Vincent	5:00-5:15	Albumin Detoxification for Sepsis in CRRT? Patrick Honoré
3:00-3:15	Pharmacologic, Extracorporeal Renal and/or Hepatic Support for HRS-1 Mitra Nadim	5:15-5:30	Assessing Energy Expenditure in RRT Andrew Davenport
3:15-3:30	Facilitating Recovery from AKI Requiring RRT Dinna Cruz	5:30-6:00	DEBATE: Timing of RRT in AKI <i>Early may not be better: Miet Schetz</i> <i>Early is what's needed: Paul Palevsky</i> <i>Moderator: Stuart Goldstein</i>
3:30-4:00	<i>Coffee Break</i>	6:00	Adjourn - Free Evening

FRIDAY MORNING, FEBRUARY 19

7:00am-1:00pm Conference Registration Open

7:30-8:00am Coffee Served

SESSION IV: IMPROVING OUTCOMES IN AKI (CME Available)

8:00-10:30am	Plenary 6 MINI SYMPOSIA Global Burden of AKI	9:15-9:30am	AKI Networks to Improve Care: The UK Experience Chris Laing
Co-Chairs:	Jorge Cerda and Emmanuel Burdmann	9:30-9:45	The ISN 0by25 AKI Global Snapshot: What Have We Learnt? Ravindra L Mehta
8:00-8:30	Epidemiology of AKI in the ICU: O'Brien AKI Registry Josee Bouchard AKI EPI Study Eric Hoste	9:45-10:00	Risk Factors for AKI: Are They the Same Across the World? Etienne Macedo
8:30-8:45	The Changing Face of AKI in China Li Yang	10:00-10:15	Status of RRT for AKI in Japan Kent Doi
8:45-9:00	Drug Induced Nephrotoxicity: Preliminary Findings from the DIRECT Study Linda Awdishu	10:15-10:40	SPECIAL LECTURE Implementing an Educational and Protocol Management Strategy for Improving Outcomes in AKI in Low Resource Settings: The Moshe Experience Karen Yeates
9:00-9:15	Renal Biopsy in AKI: Do We Know What We Are Treating? Rajasekara Chakravarthi	10:40-11:00	Coffee Break

SESSION V: FUTURE TRENDS IN CRRT AND CRITICAL CARE (CME Available)

11:00am-1:00pm	Plenary 7 MINI SYMPOSIA Emerging Strategies in AKI and Extracorporeal Support	5.	Quark Trial Update Samina Khan
Co-Chairs:	Patrick Honoré and Xiaquiang Ding	6.	Biomarkers for Renal Recovery: The RUBY Trial Lakhmir Chawla
11:00-12:30	Update from Ongoing and Late Breaking Trials <i>12 minutes each</i> 1. AM Pharma STOP AKI Trial Alkaline Phosphatase Peter Pickkers 2. E-Alerts for AKI Francis Perry Wilson 3. Angiotensin II in Shock Lakhmir Chawla 4. Remote Ischemia Pre-conditioning for AKI Post Cardiac Surgery Results of the ERRICA Randomized Controlled Trial Chris Laing	7.	Euphrates Trial Update TBD
		12:30-12:55	Critical Care Nephrology: Literature Review Noel Gibney
		12:55-1:00	Closing Remarks Ravindra L. Mehta <i>Chairman</i>
		1:00pm	Conference Adjourns

AKI & CRRT 2016 PROGRAM AT A GLANCE

CME Available for All Session Unless Noted With *

Time	Tuesday, Feb. 16	Time	Wednesday, Feb. 17	Time	Thursday, Feb. 18	Time	Friday, Feb. 19
7:55-10:00am 7:45-10:10am	PW1: AKI PW2: CRRT	7:00-8:00am 8:00-9:30am	Meet the Experts Standard Workshops GROUP 1	7:00-8:00am 8:00-9:30am	Meet the Experts Standard Workshops GROUP 3	8:00-10:30am	Plenary 6 Global Burden of AKI
10:00-10:15am 10:10-10:25am	PW1 Break PW2 Break	9:30-10:00am	Break	9:30-10:00am	Break	10:40-11:00am	Break
10:15am-12:15pm 10:25am-12:00pm	PW1: AKI PW2: CRRT	10:00-11:30am	Standard Workshops GROUP 2	10:00am-12:15pm	Plenary 3 Challenges in ICU Management	11:00am-1:00pm	Plenary 7 Emerging Strategies in AKI & Extracorporeal Support
12:15-1:15pm 12:00-1:15pm	PW1 Lunch PW2 Lunch	11:30am-1:00pm	Luncheons (CME)	12:15-1:45pm	Luncheons (CME)	1:00pm	Adjourn
1:15-3:15pm 1:15-3:30pm	PW1: AKI PW2: CRRT	1:10-3:30pm	Plenary 1 Organ Dysfunction in the Critically Ill Patient: Emerging Concepts	1:45-3:30pm	Plenary 4 Novel Strategies in AKI Management		
3:15-3:30pm 3:30-3:45pm	PW1 Break PW2 Break	3:30-4:00pm	Break	3:30-4:00pm	Break		
3:30-5:30pm 3:45-5:30pm	PW1: AKI PW2: CRRT	4:00-6:00pm	Plenary 2 Acute Kidney Injury (AKI): Pathophysiology	4:00-6:00pm	Plenary 5 Challenges and Controversies in Renal Support and CRRT		
5:30-7:00pm	Reception and Poster Review*	6:00-8:00pm	Exhibit Reception And Poster Session *	6:00pm	Adjourn Free Evening		

PW1 & 2 = Pre-Conference Elective Symposia/Workshop

* = NO CME Credit

AKI&CRRT 2016

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