Dear Colleague,

We would like to invite you to join us for the upcoming 25th International Conference on Advances in Critical Care Nephrology - AKI & CRRT 2020.

The CRRT Conference is a unique forum that continues to provide a comprehensive coverage of the rapidly developing field of Critical Care Nephrology, AKI and CRRT. It highlights the recent advances in our understanding of pathophysiology of critical illness, AKI, emerging strategies in the management of sepsis, multi-organ failure, and the use of biomarkers to assess and manage patients with renal dysfunction. This year's program presents exciting new developments and evidence for assessing critically ill patients with imaging techniques, new definitions of AKI in liver disease, cardiorenal syndrome and key strategies to improve renal recovery. Experts will cover a wide-ranging review of the most recent technical advances in CRRT and the appropriate utilization of these techniques. Results of recently completed trials for prevention of contrast induced AKI, management of shock, and removal of endotoxin in sepsis will be presented. A mix of invited lectures, controversies, interactive workshops, tutorials, poster sessions, panel discussions and meet the expert sessions are planned to continue the tradition of multidisciplinary interactions throughout the conference.

Again this year we are offering two Pre-Conference workshops: the UAB/UCSD O'Brien AKI Symposium titled Changing Paradigms in Acute Kidney Injury: From Mechanisms to Management covering the most recent advances in basic and translational research and their applications to clinical care. The Practice Based Learning for CRRT workshop is now a 2 day event and offers case based training to optimize the delivery of CRRT for nurses and physicians.

2020 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

• Results from ADQI Conferences on AKI Following Cardiac and Vascular Surgery  
  Updated consensus recommendations on pathophysiology, risk assessment and management of patients with AKI post surgery

• Controversies in Management of the Critically Ill Patient  
  Diuretic Use for AKI, Drug Induced Kidney Disease, RRT for End Stage Liver Disease, Protecting the Kidney: Results from Trials in AKI and Sepsis

• Challenges and Controversies in Renal Support & CRRT  
  When to Start and Stop, Co2 Removal, RRT for Sepsis, Drug Dosing and Hybrid Therapies

• Biomarkers for Management of Critically Ill Patients  
  Risk Stratification, Surveillance, Diagnosis, Targeted Intervention and Prognosis

• Special Sessions for Nurses and Allied Personnel  
  Workshops on CRRT, Intraoperative RRT, Infection Control for ECOS, Establishing and Maintaining Core Competencies

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 25th time.

Ravindra L. Mehta, MBBS, MD, DM, FACP, FASN  
Chairman, Organizing Committee
TWENTY FIFTH INTERNATIONAL CONFERENCE ON
ADVANCES IN CRITICAL CARE NEPHROLOGY

AKI & CRRT 2020

Endorsed by
The International Society of Nephrology
Acute Kidney Injury Network

ORGANIZING COMMITTEE

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EUROPE
Andrew Davenport, MD, FRCP
Patrick Honoré, MD, PhD
Marlies Ostermann, MD
Claudio Ronco, MD

IMPORTANT CONFERENCE DATES

Abstract Submission (see page 5) Now Open
Online Registration Begins September 20, 2019
Deadline for Receipt of Abstracts (see page 5) December 12, 2019
Notification of Abstract Acceptance January 5, 2020
Deadline for Early Bird Registration January 7, 2020
Hotel Reservation Deadline January 27, 2020
On-site Registration Fees Begin February 5, 2020
Pre-Conference Elective CRRT Workshop (see page 4) February 23 & 24, 2020
Pre-Conference Elective AKI Symposium (see page 4) February 24, 2020
Poster Mounting and Viewing February 24, 2020
Anupam Agarwal, MD  
Birmingham, AL USA

Steven Alexander, MD  
Stanford, CA USA

David Askenazi, MD, MSPH  
Birmingham, AL USA

Linda Awdishu, PharmD, MAS  
La Jolla, CA USA

Sean Bagshaw, MD, MSc, FRCPC  
Edmonton, AB CANADA

Ian Baldwin, RN, PhD, FACC CN  
Melbourne, Vi AUSTRALIA

Andrew Barker, MD  
Birmingham, AL USA

Rajit Basu, MD, MSc, FCCM  
Atlanta, GA USA

Pavan Bhatraju, MD  
Seattle, WA USA

Azra Bihorac, MD, MS, FCCM  
FASN  
Gainesville, FL USA

Subhashini Bolisetty, PhD  
Birmingham, AL USA

Alex Bullen, MD  
San Diego, CA USA

Emmanuel Burdmann, MD, PhD  
Sao Paulo, SP BRAZIL

Vincenzo Cantaluppi, MD  
Novara, NO ITALY

Jorge Cerda, MD, MS, FACP, FASN  
Albany, NY USA

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Hyderabad, Te INDIA

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San Francisco, CA USA

Rolando Clauere-Del Granado, MD, FASN  
Cocharamba, Co BOLIVIA

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London, ENGLAND

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Tokyo, TK JAPAN

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Lui Forni, MD  
Guildford, UK

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Katja Gist, DO, MSc  
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Laeken, Br BELGIUM

Eric Hoste, MD, PhD  
Gent, Oo BELGIUM

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Tokyo, JAPAN

Michael Joannidis, Prof. MD  
Innsbruck, AUSTRIA

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Jay Koyner, MD  
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TBD

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Magdalena Madero, MD  
Tlaplan, Me MEXICO

Isagani Marquez, MSN, RN, QIA  
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Ravindra Mehta, MBBS, MD  
San Diego, CA USA

Gita Mehta, MD  
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Dallas, TX USA

Theresa Mottes, MSN, RN, CPNP-AC, CDN  
Houston, TX USA

Patrick Murray, MD  
Dublin, IRELAND

Mitra Nadim, MD, FASN  
Los Angeles, CA USA

Javier Neyra, MD  
Lexington, KY USA

Eisei Noiri, MD, PhD, FASN  
Tokyo, JAPAN

Mark Okusa, MD  
Charlottesville, VA USA

Marlies Ostermann, MD  
London, Gr UNITED KINGDOM

Peter Pickkers, MD, PhD  
Nijmegen, Netherlands

Sian Piret, PhD  
New York, NY USA

John Prowle, MA, MSc, MD  
London, UK

Sunita Puri, MD, MS  
Los Angeles, CA USA

Qi Qian, MD  
Rochester, MN USA

Susan Quaggin, MD  
Chicago, IL USA

Hamid Rabb, MD  
Baltimore, MD USA

Reena Rao, MD  
Kansas City, KS USA

Zaccaria Ricci, MD  
Rome, ITALY

Claudio Ronco, MD  
Vicenza, ITALY

Mitchell Rosner, MD  
Charlottesville, VA USA

Amber Sanchez, MD  
San Diego, CA USA

Paul Sanders, MD  
Birmingham, AL USA

Ina Maria Schiessl, MD  
Los Angeles, CA USA

Nick Selby, MD  
Derby, De UK

David Selewske, MD  
Plymouth, MI USA

Rahul Sharma, MD  
Charlottesville, VA USA

Andrew Shaw, MD  
Edmonton, AB CANADA

Edward Siew, MD, MSCI  
Nashville, TN USA

Prabheen Singh, MD  
San Diego, CA USA

Nattachai Srisawat, MD  
Bangkok, Ba THAILAND

Scott Sutherland, MD  
Stanford, CA USA

Ravi Thadhani, MD  
Los Angeles, CA USA

Ashta Tolwani, MD  
Birmingham, AL USA

Volker Vallon, MD  
San Diego, CA USA

Ron Wald, MD  
Toronto, On CANADA

David Ward, MD, FRCP  
San Diego, CA USA

Keith Wille, MD  
Birmingham, AL USA

Vincent Wu, MD, PhD  
Taipei, Ta TAIWAN

Li Yang, MD  
Beijing, CHINA

Lenar Yessayan, MD, MS  
Ann Arbor, MI USA

Michael Zappitelli, MD, MSc  
Montreal, QC Canada

Alex Zarbock, MD  
Munster, NR GERMANY
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 TWENTY FOURTH INTERNATIONAL AKI & CRRT CONFERENCE are February 24 - 27, 2020. 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, Exhibit Area, Welcome Reception & Poster Sessions (Mon. & Tue.), Exhibit Reception (Tue.), CME Accreditation, Conference Syllabus (digital media), two Lunches (Tue. & Wed.), two Breakfasts (Tue. & Wed.) and all conference coffee breaks. Conference Registration Fee DOES NOT include Elective Events on Sunday or Monday. (see page 4 & 5 for list). Registration check-in will begin on Sunday, February 23, 2020. Poster Viewing will begin on Monday evening February 24, 2020. For additional registration times see the program.

REGISTRATION FEES

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<th>Early Bird</th>
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*with letter of verification from department head

PRE-CONFERENCE ELECTIVE SYMPOSIUM & WORKSHOP FEES

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<tr>
<td>AKI Symp without full conference reg.</td>
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MEET THE EXPERT BREAKFAST SESSIONS  (with registration) $50
These breakfast sessions (choose from 2 on Tues, Wed & Thur) 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. See pages 10, 13 and 15 for titles and faculty.

ONLINE MULTIMEDIA PRESENTATIONS  (with registration) $200
We will record all 7 PLENIARY SESSIONS and select symposia 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. Please visit the conference website for details regarding the presentations & free demo lecture.
Practice Based Learning in CRRT: The Science and the Art
Sunday 1:45pm -6:00pm, Monday 7 :45am -5:30pm
(includes PM break on Sunday and Monday breaks and lunch - CRRT Conference Registration Required)
This workshop is designed to provide participants with the knowledge and understanding for the effective utilization of CRRT to manage critically ill patients. Session 1 on Sunday focuses on the fundamentals of CRRT including the components, operational characteristics and characteristics, solute and fluid management and monitoring. Session 2 on Monday will utilize case based discussions and interactive sessions to illustrate the underlying concepts for application of CRRT in different situations. 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.

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.
DEADLINE FOR RECEIPT OF ABSTRACTS: December 12, 2019

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

GENERAL INFORMATION
1. The abstract must be written in English.
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 January 5, 2020.
7. Selected abstracts will be eligible for digital poster discussions on Monday & Tuesday, February 24 & 25 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 the conference website.
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) CRRT Technique Characteristics, d) CRRT Applications and Targeted Interventions, e) New Technology, f) CRRT 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. Award recipients are required to be present at their poster session on Monday, February 24 and Tuesday, February 25, 2020.
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 3 overall and 1 pediatric abstract will be selected.

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: Monday, February 24 and Tuesday, February 25, 2020.
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@crtonline.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 January 5, 2020 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
   Fax: 858-272-7687
   Email: res@crtonline.com
   Website: crtonline.com
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 and simulation based workshops. Attendees have an opportunity to interact with the faculty through focused panel discussions and symposia.

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 sepsis, multi-organ failure, infections, lung and kidney injury in different settings.
2. Discuss the best ways to identify, treat and follow up patients with acute kidney injury (AKI) resulting from different causes utilizing biomarkers, imaging and lab studies and applying educational tools to raise awareness of AKI.
3. Describe the principles and practice of renal replacement techniques including CRRT, IHD and plasma exchange and demonstrate how to setup and use these techniques for managing critically ill patients.

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 36.0 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 36.0 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, ERA-EDTA, Critical care societies and published KDIGO and European Best Practice and NICE guidelines and feedback from participants and faculty at prior CRRT conferences and discussions with the international organizing committee.

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

CME CREDIT
The following sessions are being reviewed for CME Credit:
SUNDAY/MONDAY, FEBRUARY 23 & 24, 2020
ELECTIVE: Practice Based Learning in CRRT
MONDAY, FEBRUARY 24, 2020
ELECTIVES: Changing Paradigms in AKI, PW2 Practice Based Learning in CRRT
TUESDAY, FEBRUARY 25, 2020
MEET THE EXPERT SESSIONS, BREAKFAST SYMPOSIA, LUNCH SYMPOSIA
SESSION I: PATIENT CHARACTERISTICS
GROUP 1 - WORKSHOPS, GROUP 2 - WORKSHOPS
WEDNESDAY, FEBRUARY 26, 2020
MEET THE EXPERT SESSIONS, BREAKFAST SYMPOSIA, LUNCH SYMPOSIA
GROUP 3 - SIMULTANEOUS STANDARD WORKSHOPS
SESSION II: CONTROVERSIES IN CRITICAL CARE NEPHROLOGY
SESSION III: EMERGING CONCEPTS IN AKI AND RRT
THURSDAY, FEBRUARY 27, 2020
MEET THE EXPERT SESSIONS
SESSION IV: IMPROVING OUTCOMES IN AKI
SESSION V: FUTURE TRENDS IN CRRT AND CRITICAL CARE

FACULTY DISCLOSURE
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.

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.

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 February 7, 2020. Allow 6-8 weeks for refund.

CONFERENCE OFFICE
RES Seminars, 4425 Cass Street, Suite A
San Diego, CA 92109 USA

CONTACT INFO
RES/CRRT 2020
Phone: 858-272-1018
Fax: 858-272-7687
Email: crrt@res-inc.com
Website: www.crrtonline.com
PROGRAM

SUNDAY & MONDAY, FEBRUARY 23 & 24

11:30am-7:00pm Conference Registration Open

PRE-CONFERENCE ELECTIVE WORKSHOP - (CME Available)
(see page 3 for elective 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 the effective utilization of CRRT to manage critically ill patients. Session 1 on Sunday focuses on the fundamentals of CRRT including the components, operational characteristics and characteristics, solute and fluid management and monitoring. Session 2 on Monday will utilize case based discussions and interactive sessions to illustrate the underlying concepts for application of CRRT in different situations. 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 prescribing and delivering CRRT
• Learn machine set-up for different modalities, alarm conditions, troubleshooting, monitoring and charting
• Utilize the tools provided to manage complex cases

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

SUNDAY, February 23 - SESSION 1 (all workshop attendees)
1:45-2:00pm Opening Remarks - Ashita Tolwani, Jorge Cerda
2:00-2:30 Pre-Test - Ashita Tolwani, Jorge Cerda
2:30-3:00 Access, Membrane, Circuit - David Selewski
3:00-3:30 Modality & Dose - Jorge Cerda
3:30-4:00 Anticoagulation - Ashita Tolwani
4:00-4:15 Coffee Break
4:15-4:45 Solutions and Fluid Balance - David Selewski
4:45-5:15 Monitoring - Ian Baldwin
5:15-6:00 Interactive Case Discussion - Ashita Tolwani and CRRT Faculty
6:00 pm Adjourn

MONDAY MORNING, February 24 - SESSION 2

Physician Track

8:00-8:30am Patient Selection
Jorge Cerda
8:30-9:00 Drug Dosing and Adjustments
Linda Awdishu
9:00-10:00 Management of Acid-Base Disorders with RRT
Linar Yessayan
10:00-10:20 Coffee Break
10:20-10:50 Management of Dysnatremias with RRT
Linar Yessayan
10:50-11:20 Adjusting Nutrition
Javier Neyra
11:20-11:40 Intraoperative CRRT
Andrew Barker
11:40-12:00 Achieving Survival and Recovery
Scott Sutherland
12:00-1:00pm Lunch Hosted by Conference for Workshop Participants

Nurse Track

8:00-8:40am Orders, Charting and Monitoring
Ian Baldwin
8:40-9:20 CRRT in the Operating Room
Andrew Barker
9:20-10:00 CRRT for Pediatric Applications
Theresa Mottes
10:00-10:20 Coffee Break
10:20-11:00 Patient Mobilization and Rehabilitation
Michael Connor, Ian Baldwin
11:00-11:40 Integrating Multidisciplinary Support Team for CRRT Delivery
Linda Awdishu, Ian Baldwin
11:40-12:00 Developing Quality Measures for CRRT Delivery
Theresa Mottes, Javier Neyra

Workshop schedule continues on following page
Practice Based Learning in CRRT: The Science and the Art

MONDAY AFTERNOON, February 24 - SESSION 2 continued

1:10-4:00  INTERACTIVE TRACKS

These sessions will have nurses, physicians and pediatric tracks. Physicians will be guided on user interfaces and the strategies for prescribing dose for solute and fluid management, adjustments in therapy parameters, recognition and management of complications. Nurses will learn how to set up for different modalities and adjust and monitor for therapy delivery based on the prescription.

Physicians Track
Session 1
Circuit, Anticoagulation and Monitoring
Ashita Tolwani, Lenar Yessayan

Session 2
Dose / Fluid / Documentation / Recognizing and Managing Complications
Michael Connor, Scott Sutherland

Session 3
Prescription / Order Sets / Decision Making / Coordination of Care
Jorge Cerda, Javier Neyra

Session 4
Monitoring, Alarms and Connections with Other Therapies
Keith Wille, Katrina Eggleston

Nursing Track
Session 1
Machine Priming, Circuit Set Up, Programing to Match Orders
Katrina Eggleston

Session 2
Implementing Therapy Delivery Dose Adjustments, Fluid Balance
Ian Baldwin, Javier Neyra

Session 3
Therapy Monitoring and Troubleshooting Alarms, Therapy Discontinuation
Ian Baldwin

Session 4
Connectology with Hybrid Systems ECMO, ECCOR, Apheresis
Isagani Marquez, Michael Connor

Pediatric Track
Modality Selection, Circuit Modifications, Therapy Dosing, Monitoring, Adjustments for Targeted Interventions
David Selewski, Zaccaria Ricci, Theresa Mottes

4:00-4:15  Coffee Break
4:15-4:55  Interactive Clinical Case (Decision Making) - (Ashita Tolwani and CRRT Faculty)
5:00-5:30  Post-test and Wrap-up
5:30  Adjourn

5:30-7:30pm Monday Evening Reception & Poster Review - For All Conference Attendees
M O N D A Y, F E B R U A R Y  24
7:00am-7:00pm  Conference Registration Open

**PRE-CONFERENCE AKI SYMPOSIUM  (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 Volker Vallon, MD*

8:00-8:20  GSK3 Signaling in AKI  - Reena Rao
8:20-8:40  Role of Proximal Tubular Krüppel-like Factor 6 (KLF6) in AKI  - Subhashini Bolisetty
8:40-9:00  Iron Homeostasis in Sepsis Induced AKI  - Subhashini Bolisetty
9:00-9:20  Pertibular Capillary Oxygen Consumption: Studies Using Photoacoustic Microscopy  - Mark Okusa
9:20-9:40  Harnessing Endogenous T Regulatory Cells in AKI  - Rahul Sharma
9:40-10:00  Discussion
10:00-10:15  Coffee Break

**PLENARY 2  Of Mice and Men: Harmonizing Human and Animal AKI**
*Co-Chairs: Paul Sanders, MD and Prabhleen Singh, MD*

10:15-10:35  Intravital Imaging to Study Tubular Regeneration After AKI  - Ina Maria Schiessl
10:35-10:55  Cellular and Molecular Pathways of Renal Repair After Acute Kidney Injury  - Sanjeev Kumar
11:15-11:35  Angiopoietin-TIE2 Receptor Tyrosine Kinase Signaling in Kidney Injury  - Susan Quaggin
11:35-11:55  Organelle Cross Talk in AKI  - Reiko Inagi
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: Kathleen Liu, MD and Mark Okusa, MD*

1:15-1:35  Stem Cell-derived Extracellular Vesicles in Kidney Repair  - Vincenzo Cantaluppi
1:35-1:55  TIMP-2 is a Therapeutic Target in Sepsis-associated AKI  - John Kellum
1:55-2:15  Pen Enkephalin: Is it the New GFR Marker?  - Peter Pickkers
2:15-2:35  Microbiome in AKI and Kidney Disease  - Hamid Rabb
2:35-2:55  Fibroblast Growth Factor 23 and Klotho in AKI  - Orson Moe
2:55-3:15  Discussion
3:15-3:30  Coffee Break

**PLENARY 4  Controversies in AKI**
*Co-Chairs: Azra Bihorac, MD and Steve Alexander, MD*

3:30-3:50  Infection Risk Post AKI: Should We Worry?  - Katja Gist
3:50-4:10  Subphenotypes of AKI: Do We Have Progress for Personalizing Care?  - Pavan Bhatraju
4:10-4:30  Does Contrast Induced Nephrotoxicity Exist?  - Glenn Chertow
4:30-4:50  Is Tubular Health a Risk Factor For AKI?  - Alex Bullen
4:50-5:10  Long-term Outcomes After AKI: Do We Know What to Look For?  - Eddie Siew
5:10-5:30  Discussion
5:30  Adjourn
5:30-7:00pm  Monday Evening Reception & Poster Review  - For All Conference Attendees
TUESDAY MORNING, FEBRUARY 25

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

7:00-8:15am MEET THE EXPERT - Breakfast Sessions (CME Available)
(elective sessions, choose one, see pg. 4 for fees/details)

Session 1 (ME1) - How do I Adjust Drugs During RRT
Linda Awdishu and Patrick Murray

Session 2 (ME2) - How do I Manage the Fluid Overloaded Patient?
Stuart Goldstein and Michael Joannidis

7:00-8:15am BREAKFAST SYMPOSIA - (CME Available, Seating is LIMITED)
(continental breakfast provided by conference, selection made during registration)

Symposium A - Imaging Techniques in Critically Ill Patients with Kidney Disease
Nick Selby (Moderator)
Kianoush Kashani and Mitch Rosner (Discussants)
Imaging studies are a key component to manage patients, however are often underutilized in patients with renal dysfunction for fear of harming the kidney. This symposium will discuss the basis for using different imaging techniques in patients with kidney disease to minimize risk and improve diagnosis.

Symposium B - Therapeutic Challenges in AKI and CKD: Hyperkalemia
Glenn Chertow (Moderator)
Qi Qian and Matthieu Legrand (Discussants)
This symposium will cover the pathophysiology and management of hyperkalemia in critically ill patients using illustrative cases. Are Ace inhibitors nephrotoxic? What are the newer therapeutic drugs available and how should they be used? When and how should RRT be used in these situations?

SESSION I: PATIENT CHARACTERISTICS (CME Available)

8:20-10:30am Plenary 1 - MINI SYMPOSIA
Organ Dysfunction in the Critically Ill Patient: Emerging Concepts
Co-Chairs: Kathleen Liu and Noel Gibney
8:20-8:30 Opening Remarks
Ravindra L. Mehta
8:30-8:45 The Renal Response to Brain Injury
Matthieu LeGrand
8:45-9:00 Endocrine Dysfunction in Critical Illness
Peter Pickkers
9:00-9:15 PAMPS and DAMPS in Septic AKI
Vincenzo Cantaluppi

9:15-9:30 Hyperlactatemia: Definitions and Pathophysiology
Lui Forni
9:30-9:45 Liver Kidney Interactions: Physiology Unravelled
Andrew Davenport
9:45-10:00 Precision Medicine in the ICU: Profiling Biofluids
Eric Hoste
10:00-10:30 SPECIAL LECTURE
Clinical Phenotypes of Sepsis
John Kellum
10:30-11:00 Coffee Break
Faculty Picture
TU E SD AY  M O R N IN G, FE BR U A R Y 25

11:00am - 12:30pm  GROUP 1 - SIMULTANEOUS STANDARD WORKSHOPS (choose one)

A01  Who Should Get a Kidney Biomarker Assessment? (C,N,AP)
Several biomarkers are now available to assess kidney function and damage. Which patients should get these assessments and how should these be applied will be discussed in this case based workshop. (Koyner, Basu, Zarbock)

B02  Citrate Anticoagulation for CRRT: How to Use it? (C,N,AP)
Regional citrate anticoagulation (RCA) is increasingly utilized for CRRT. Advances in technology have enabled automated citrate anticoagulation. However, concerns remain about its ease of use and application in patients with liver failure and reduced tissue perfusion. This workshop will discuss the best approaches for utilizing RCA for CRRT. (Tolwani, LeGrand, Baldwin)

C03  Assessment of Fluid Responsiveness, Hemodynamic Monitoring and Targets (C,N)
Determining which patient needs fluids, what type and how much are key questions to be addressed in this workshop which will cover the principles and strategies for volume assessment, hemodynamic and microcirculatory monitoring in critically ill patients. (Shaw, Kashani, Gist)

D04  Managing Patients with Combined Kidney and Liver Failure (C,N,AP)
Patients with combined liver and kidney failure are difficult to manage. This workshop will discuss the pathophysiology and illustrate best approaches for differential diagnosis and management of these patients. (Nadim, Davenport, Zappitelli)

E05  Establishing and Maintaining a Performance Improvement Program for RRT (I,N,AP)
Although RRT is commonly applies worldwide there are minimal established criteria for monitoring the quality of care delivered. This workshop will discuss how to set up and implement a quality assessment program for RRT based on the recommendations from the ADQI 22 consensus conference. (Baldwin, Motte, Eggleston)

F06  Principles, Applications and Practical Issues of Plasma Exchange (C,N,AP)
Plasma exchange (PE) is increasingly utilized in the ICU with CRRT and other extracorporeal techniques. This workshop will describe the best approaches for applying PE in critically ill patients. (Noiri, Sanchez, Marquez)

12:30-2:00pm  Lunch
12:30-2:00pm  **LUNCH SYMPOSIA - (CME Available, Seating is LIMITED)**
Lunch provided by conference, selection made during registration. Please note, these are the only lunch options provided on Tuesday

**T1 Renal Functional Measurement: Emerging Techniques and Results**
*Moderators:* Andrew Lewington and Azra Bihorac
Renal functional assessment is currently based on measured or estimated creatinine clearances that do not reflect the overall state of kidney health. New techniques for measuring real time GFR, plasma volume and tubular function are now emerging and will change our approach for patient management. This symposium will discuss the emerging techniques and their applications
- **Non-invasive GFR Measurements** - TBD
- **Measuring Tubular Health** - Etienne Macedo
- **Renal Functional Reserve** - Claudio Ronco

**T2 Personalized Management of Shock: How to use Biomarkers, Vasopressors and Fluids?**
*Moderators:* Sean Bagshaw and Peter Pickkers
There is increasing evidence that different patient respond differently to fluids and vasopressor management for shock. This symposium will discuss how best we may identify phenotypes to personalize fluid type (colloids and crystalloids and blood products) and volume and vasopressor management in shock patients to improve outcomes.
- **Biomarkers in Shock: Can They Identify Phenotypes?** - Kathleen Liu
- **Response to Vasopressors: Can We Personalize?** - Lui Forni
- **Which Fluids Should We Use?** - John Kellum

**T3 Extracorporeal Organ Support (ECOS) for Multi Organ Failure**
*Moderators:* Zaccaria Ricci and Mitra Nadim
ECOS techniques have evolved to providing novel methods for blood purification and achieving homeostasis. This symposium will cover the recent advances in this field and discuss how best to utilize these techniques in different settings.
- **Bioartificial and Extracorporeal Support for Acute on Chronic Liver Failure**
  - Andrew Davenport
- **Techniques for Sepsis and Septic Shock** - Patrick Honoré
- **ECMO and ECCOR for the Failing Lung** - Keith Willie

**T4 Improving Care for Patients After Hospitalization for AKI**
*Moderators:* Magdalena Madero and Vincent Wu
AKI is a complex disease that requires multidisciplinary interventions however most patients who are hospitalized with an episode of AKI do not have systematic follow up or targeted interventions to improve recovery and mitigate the effects of the disease. This symposium will provide guidance on patient centered approaches to improve the management and outcomes of patients with AKI.
- **Intermediate Outcomes After AKI: What Should We Focus On?** - Eddie Siew
- **Identifying Target Populations for Interventions Post AKI: Do We Know How?**
  - Nick Selby
- **Following Patients in Clinic Post AKI: How Can We Improve?** - Ron Wald
2:00-3:30pm    GROUP 2 - SIMULTANEOUS STANDARD WORKSHOPS (choose one)

A07    Can Kidney Biomarkers Help Timely Interventions and Prognostication? (C,N,AP)
This workshop will discuss how novel renal biomarkers can be leveraged to improve AKI management and guide specific interventions in patients with AKI in different settings. (Zarbock, Koyner, Basu)

B08    Can We Achieve Precision Solute Control with CRRT? (I,N,AP)
CRRT techniques have evolved with availability of new technology to customize dialysis delivery. This interactive case based workshop will discuss how to apply the technology for dose adjustments, monitoring for adequacy, modality selection and transitions in CRRT. (Claure, Ronco, Selewski)

C09    Starting, Transitioning and Stopping RRT for AKI: Science and Art (A)
One of the most vexing issues for clinicians is determining when to initiate RRT in critically ill patients, when and how to transition modalities and when it can be stopped. This workshop will use case studies to explore various approaches and establish the principles for clinical decisions for renal support. (Macedo, R. Mehta)

D10    Managing patients with Sepsis: Modifying the Course with (ECOS) (C,N,AP)
Septic patients often require ECOS to allow time for recovery. This workshop covers the rationale and strategies for the practical application of extracorporeal support techniques for sepsis. Case studies will be utilized to delineate different options. (Honoré, Gist, LeGrand)

E11    Shared Decision Making in the ICU (I,N,AP)
Enabling effective communication among caregivers, patients and their surrogates is a key feature of critical care management. This workshop will provide a patient centered approach to equip participants with the best approaches for shared decision making. (G. Mehta, Gibney, Levy)

F12    Pediatric AKI and RRT: Beyond the Basics (I,N,AP)
This workshop will highlight the epidemiology and best practices for AKI management and CRRT, peritoneal dialysis and tandem therapies application in neonates and children. (Askenazi, Sutherland, Zappitelli)

3:30-4:00pm    Coffee Break

SESSION I: PATIENT CHARACTERISTICS - continued (CME Available)

4:00-6:00pm     Plenary 2 - MINI-SYMPOSIA
Acute Kidney Injury (AKI): Pathophysiology
Co-Chairs: Mitra Nadim and Emmanuel Burdmann

4:00-4:15    Cardiac Surgery Associated AKI: Have We Figured it Out? Andrew Shaw

4:15-4:30    AKI and ARDS: First Cousins? Kathleen Liu

4:30-4:45    The Kidney in Pregnancy: Adaptive and Maladaptive Responses Ravi Thadhani

4:45-6:30    SPECIAL SESSION
AKI and CRRT: Past, Present and Future
Introduction Ravindra Mehta
The Past Claudio Ronco, Steve Alexander
The Present John Kellum, Stuart Goldstein
The Future Azra Bihorach, Rajit Basu
Adjourn 6:30pm
EXHIBIT RECEPTION AND POSTER SESSION 6:30-8:30pm

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
### STANDARD WORKSHOPS - GROUP 3 (CME Available for All)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Description</th>
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<tbody>
<tr>
<td>8:15-9:45am</td>
<td><strong>GROUP 3 - SIMULTANEOUS STANDARD WORKSHOPS</strong> (choose one)</td>
</tr>
<tr>
<td>A13</td>
<td><strong>Preventing AKI: From Surveillance to Intervention</strong> (C,N,AP)</td>
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<tr>
<td>B14</td>
<td><strong>Personalized Fluid Management with CRRT</strong> (A)</td>
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<tr>
<td>C15</td>
<td><strong>Nutritional Assessment and Adjustments for Patients on RRT</strong> (A,N)</td>
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<tr>
<td>D16</td>
<td><strong>Managing the Heart Failure Patient with Worsening Renal Function</strong> (WRF) (A,N)</td>
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<tr>
<td>E17</td>
<td><strong>Withholding and Withdrawing Care: Ethical Issues in the ICU</strong> (I,N,AP)</td>
</tr>
<tr>
<td>F18</td>
<td><strong>Pediatric AKI and CRRT: Caring for the Patient</strong> (I,N,AP)</td>
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</tbody>
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7:00am-4:30pm Conference Registration Open

7:00-8:15am **MEET THE EXPERT - Breakfast Sessions** *(CME Available)*

((elective sessions, choose one, see pg. 4 for fees/details))

**Session 3 (ME3) - How I Use AKI Biomarkers in My Practice**
John Kellum and Alex Zarbock

**Session 4 (ME4) - What Fluids do I Use Perioperatively?**
Azra Bihorac and Andrew Shaw

7:00-8:15am **BREAKFAST SYMPOSA - (CME Available, Seating is LIMITED)**

(continental breakfast provided by conference, selection made during registration)

**Symposium C - Innovations in Caring for Patients with Dysnatremias**
Lenar Yessayan *(Moderator)*
Qi Qian and Javier Neyra *(Discussants)*

Dysnatremias are commonly encountered in ICU patients and are often difficult to manage. This symposium will cover the pathophysiology of hypo and hypernatremia and discuss the practical issues for management of these disorders with novel agents and describe how RRT can be used for severe disorders.

**Symposium D - Managing AKI in the Patient with Cancer**
Marlies Ostermann *(Moderator)*
Mitch Rosner and Stuart Goldstein *(Discussants)*

The number of anticancer drugs are increasingly expanding and commonly cause kidney injury. This symposium will discuss how to prevent drug nephrotoxicity, adjust doses of anticancer medicines and manage patients who develop AKI in the setting of cancer therapy.

9:45-10:15am **Coffee Break**
WEDNESDAY, FEBRUARY 26

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

10:15am-12:30pm Plenary 3 - MINI-SYMPOSIAS
Challenges in ICU Management

Co-Chairs: Eric Hoste and Katja Gist

11:00-11:15 Persistent Critical Illness
Sean Bagshaw

10:15-10:30 AKI After Cardiac Arrest
Michael Joannidis

11:15-11:30 AKI and Risk of Death: Unpicking Correlation From Causation
John Prowle

10:30-10:45 Liver Disease in the ICU: When should We Offer RRT?
Mitra Nadim

11:30-11:45 Delirium in the ICU: Is AKI a Risk Factor?
Marlies Ostermann

10:45-11:00 Diuretic Resistance and Elastic Bandage
Kianoush Kashani

11:45-12:15 SPECIAL LECTURE
Translating to Management Award
TBD

12:15-12:30 Top Abstract Awards

12:30-2:00pm LUNCH SYMPOSIAS - (CME Available for W1, W2, W3 & W4, Seating is LIMITED)
(lunch provided by conference, selection made during registration)

W1 Individualizing Care: Challenges and Opportunities for Critical Illness
Moderators: Li Yang and Patrick Murray

Precision medicine aims to lead to personalized treatment and improved outcomes. However its application in AKI and critical care faces many challenges including patient characterization and specific targets for timely interventions. This session will discuss approaches to address these challenges and provide a framework for achieving personalized care.

Personalizing Critical Care: Do We Know How to Do it? - Lui Forni
Identifying the Right Patient for the Right Therapy at the Right Time - Ron Wald
When Enough is Enough: Incorporating Palliative Care in the ICU? - Sunita Puri

W2 Optimizing Fluid Management in the ICU: Fit for Purpose?
Moderator: Qi Qian and Michael Joannidis

Fluid administration is an integral component of management, however there is considerable variation in the type and quantity of fluids used and increasing concern that fluid therapy contributes to AKI. This symposium will review the evidence for our current strategy for using crystalloids, colloids and blood products and provide guidance on best practices to manage patients in different settings.

Perioperative Fluid Management - Andrew Shaw
The Patient with Septic Shock - John Kellum
Liver and Kidney Dysfunction - Mitra Nadim

W3 Digital Health for AKI Management
Moderators: Andrew Lewington and Scott Sutherland

Digital health techniques have provided new insights and opportunities to risk assess, detect and intervene in several conditions and are being applied to improve prevention and management. This symposium will highlight the advances in the field and their application for AKI

Artificial Intelligence to Augment Care - Azra Bihorac
Digital Phenotyping for AKI - Jejo Koola
Using the Medical Record to Combat AKI - Kianoush Kashani

W4 Biomarker Enhanced Management of AKI and RRT
Moderators: Rajit Basu and Jorge Cerda

Several biomarkers of kidney damage and function are now available for clinical application, however their use remains limited. This workshop will discuss different approaches for improving patient management with biomarker based care delivery in different settings.

Applying Kidney Biomarkers for Primary Prevention and Early Intervention - Alex Zarbock
Can We Use Biomarkers for RRT Management? - Jay Koyner
AKI Biomarkers in Resource Constrained Settings: What is Required? - Raj Chakaravarthi
WEDNESDAY AFTERNOON, FEBRUARY 26

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

2:00-3:45pm Plenary 4 - MINI-SYMPOSIA
Novel Strategies in AKI Management
Co-Chairs: Li Yang and Andrew Lewington
2:00-2:15 Renal Recovery Patterns after AKI: Do they Matter?
Edward Siew
2:15-2:30 Therapies for Preeclampsia: Addition vs Subtraction
Ravi Thadhani
2:30-2:45 AKI in Stem Cell Transplantation
Mitch Rosner
2:45-3:00 Acute Kidney Disease: Is it Useful in Describing Renal Outcomes?
Nick Selby
3:00-3:15 The Kidney and the Mission to Mars
Claudio Ronco
3:15-3:30 Multidisciplinary Care: Why AKI Patients Need All of Us?
Azra Bihorac
3:30-3:45 AKI Subphenotypes in Acute Heart Failure
Patrick Murray
3:45-4:15 Coffee Break

4:15-6:00pm Plenary 5 - MINI-SYMPOSIA
Challenges and Controversies in Renal Support and CRRT
Co-Chairs: Ashita Tolwani and David Askenazi
4:15-4:30 Deresuscitation in Patients with AKI
Ron Wald
4:30-4:45 The Wait and See Approach for RRT: Does it Work?
Ravindra L Mehta
4:45-5:00 The Economic Consequences of AKI
Glenn Chertow
5:00-5:30 SPECIAL LECTURE
Perioperative AKI: Highlights from ADQI 24
John Prowle and Luis Forni
5:30-6:00 VIEWPOINT
Management of AKI: The Patient's Perspective
Marla Levy
6:00 Adjourn - Free Evening

Mark Your Calendar for Both 2020 & 2021!!!

AKI&CRRT 2020 February 24-27, 2020
AKI&CRRT 2021 March 1-4, 2021
### SESSION IV: IMPROVING OUTCOMES IN AKI (CME Available)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>8:00-10:30</td>
<td>Plenary 6 - MINI SYMPOSIA Global Burden of AKI</td>
<td>Javier Neyra and Eisei Noiri</td>
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<td>8:00-8:15</td>
<td>AKI in CKD: Aftershocks</td>
<td>Michael Zappitelli</td>
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<td>8:15-8:30</td>
<td>AKI and the Global Burden of Disease</td>
<td>Jorge Cerda</td>
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<td>8:30-8:45</td>
<td>Challenges and Progress of AKD Care</td>
<td>Vincent Wu</td>
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<td>8:45-9:00</td>
<td>AKI Secondary to Overdose</td>
<td>Andrew Lewington</td>
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<td>9:00-9:15</td>
<td>AKI in Southeast Asia: Long Term Outcomes</td>
<td>Nattachai Srisawat</td>
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<td>9:15-9:30</td>
<td>Temporal Change in AKI/CRRT in The Japanese Experience</td>
<td>Kent Doi</td>
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<td>9:30-9:45</td>
<td>AWARE - More Than Just AKI Awareness?</td>
<td>Stuart Goldstein</td>
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<td>9:45-10:00</td>
<td>CKD of Unknown Origin: The Case of Repeated AKI Episodes?</td>
<td>Magdalena Madero</td>
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<td>10:00-10:15</td>
<td>AKI After Civilian Trauma</td>
<td>Emmanuel Burdmann</td>
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<td>10:15-10:30</td>
<td>AKD in the Community: Detection and Prevention</td>
<td>Li Yang</td>
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<td>10:30-11:00</td>
<td>Coffee Break</td>
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### SESSION V: FUTURE TRENDS IN CRRT AND CRITICAL CARE (CME Available)

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>11:00-1:00</td>
<td>Plenary 7 - MINI SYMPOSIA Emerging Strategies in AKI and Extracorporeal Support</td>
<td>Vincent Wu and Jorge Cerda</td>
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<tr>
<td>11:00-11:15</td>
<td>Apheresis Applications in the ICU</td>
<td>David Ward</td>
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<td>11:15-11:30</td>
<td>Peritoneal Dialysis for AKI: The Forgotten Modality</td>
<td>Raj Chakravarthi</td>
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<td>11:30-12:30</td>
<td>Update from Ongoing and Late Breaking Trials</td>
<td>Raj Chakravarthi</td>
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<td></td>
<td>1. Lessons learned from STARRT-AKI</td>
<td>Ron Wald</td>
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<td>2. Renal Effects of the Beta-HCG Derivative EA-230 in Cardiac Surgery Patients</td>
<td>Peter Pickkers</td>
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<tr>
<td>12:30-12:55</td>
<td>Critical Care Nephrology: Literature Review</td>
<td>Noel Gibney</td>
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<tr>
<td>12:55-1:00</td>
<td>Closing Remarks</td>
<td>Ravindra L. Mehta</td>
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<tr>
<td>1:00pm</td>
<td>Conference Adjourns</td>
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Mark These Dates in Your Calendar!!!