THE 26TH INTERNATIONAL CONFERENCE ON
ADVANCES IN CRITICAL CARE NEPHROLOGY

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

Updates in ICU Medicine: Controversies, Challenges and Solutions

AKI & CRRT
2021

FEBRUARY 28-MARCH 5
A VIRTUAL EVENT FROM SAN DIEGO, CALIFORNIA

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

Jointly Provided by
UC San Diego
SCHOOL OF MEDICINE
and
CRRT, INC.

CRRTONLINE.COM
TWENTY SIXTH INTERNATIONAL CONFERENCE ON
ADVANCES IN CRITICAL CARE NEPHROLOGY

AKI & CRRT 2021

Endorsed by
The International Society of Nephrology
Acute Kidney Injury Network

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Patrick Honoré, MD, PhD
Marlies Ostermann, MD
Claudio Ronco, MD

IMPORTANT CONFERENCE DATES

Abstract Submission (see page 5)                      Open
Online Registration                                      Open
Deadline for Receipt of Abstracts (see page 5)         Extended to December 18, 2020
Notification of Abstract Acceptance                   January 5, 2021
Deadline for Early Bird Registration                  January 15, 2021
Hotel Reservation Deadline                            February 1, 2021
Pre-Conference CRRT Workshop (see page 4)             February 28 & March 1, 2021
Pre-Conference AKI Symposium (see page 4)              February 28 & March 1, 2021
Oral Poster Sessions                                   March 1, 2021
Plenary and Workshop, Meet the Expert and Topical Sessions March 1-5, 2021
<table>
<thead>
<tr>
<th>Name</th>
<th>Title, Country</th>
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<tr>
<td>Anupam Agarwal, MD</td>
<td>Birmingham, AL USA</td>
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<td>Ayse Akcan-Arikan, MD</td>
<td>Houston, TX USA</td>
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<td>David Askenazi, MD, MSPH</td>
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<td>Sean Bagshaw, MD, MSc, FRCPC</td>
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<td>Amandeep Bajwa, PhD</td>
<td>Memphis, TN USA</td>
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<td>Ian Baldwin, RN, PhD, FACCN</td>
<td>Melbourne, Vi AUSTRALIA</td>
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<td>David Basile, PhD</td>
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<td>Rajit Basu, MD, MS, FCCM</td>
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<td>Azra Bihorac, MD, MS, FCCM, FASN</td>
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<td>Joseph Bonventre, MD, PhD</td>
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<td>Emmanuel Burdmann, MD, PhD</td>
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<td>Lynette Cederquist, MD</td>
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<td>Jorge Cerda, MD, MS, FACP, FASN</td>
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<td>Rajasekara Chakravarthi, MD, DNB</td>
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<td>Lakhmir Chawla, MD</td>
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<td>Mary Choi, MD</td>
<td>New York, NY USA</td>
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<td>RolandoClaure-Del Granado, MD, FASN</td>
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<td>Dana Fuhrman, DO, MS</td>
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<td>Sarah Huen, MD, PhD</td>
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<td>Pinelopi Kapitsinou, MD</td>
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<td>Nuttha Lumlertgul, MD, PhD</td>
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<td>Etienne Macedo, MD, PhD, FASN</td>
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<td>Ravindra Mehta, MBBS, MD, DM, FACP</td>
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<td>Sho Morioka, PhD</td>
<td>Charlottesville, VA USA</td>
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<td>Theresa Mottes, MSN, RN,CPNP-AC,CDN</td>
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<td>Roman-Ulrich Mueller, MD</td>
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<td>Mitra Nadim, MD, FASN</td>
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<td>Shamim Nemati, PhD</td>
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<td>Javier Neyra, MD, MSCS</td>
<td>Lexington, KY USA</td>
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<td>Christian Nusshag, MD</td>
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<td>Mark Okusa, MD</td>
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<td>Marlies Ostermann, MD</td>
<td>London, Gr UNITED KINGDOM</td>
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<tr>
<td>Paul Palevsky, MD</td>
<td>Sewickley, PA USA</td>
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FACULTY

Neesh Pannu, MD
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Alex Zarbock, MD
Munster, NR GERMANY
Visit our website for the most current program information, abstract submission, and online registration (reg. form download available).

www.crrtonline.com

CONFERENCE DATES AND LOCATION
The inclusive dates for all scientific sessions of the TWENTY SIXTH INTERNATIONAL AKI & CRRT CONFERENCE are February 28-March 5. The Conference will be presented in a Virtual/Hybrid Format using a state of the art virtual platform from San Diego, California.

REGISTRATION INFORMATION
Please visit our website to register (online registration required, printable form available). All participants must register and pay the appropriate fee. Conference Registration Fee Includes: Access to all general Plenary Sessions (Tuesday-Friday), Standard Workshops (Tuesday, Wednesday and Thursday), AKI Symposium, CRRT Workshop, Virtual Poster and Exhibit Halls, plus access to the archive video of all presentations for 90 days from conference dates (through May 31, 2021). Meet the Experts roundtables are also included but there is limited availability.

REGISTRATION FEES

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<td>Other</td>
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<tr>
<td>Physicians in Training*</td>
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<tr>
<td>Fellows*</td>
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*with letter of verification from department head emailed to crrt@res-inc.com

PRE-CONFERENCE SYMPOSIUM & WORKSHOP FEES
These sessions are included with regular registration but may be attended without registering for the full conference event.

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<tr>
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<td>AKI Mini Symposium</td>
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<tr>
<td>CRRT Basics Workshop</td>
<td>$ 175</td>
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MEET THE EXPERT ROUNDTABLES  Included with registration Limited Enrollment
These sessions (choose from 2 on Tues, Wed, Thur and Frid.) allow participants to meet and interact with internationally renowned experts in an informal virtual setting. 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.

CANCELLATION POLICY
If your registration must be cancelled, your fee, less $75 U.S. for administrative costs, will be refunded upon your written request. No refunds will be made after February 12, 2021. Allow 6-8 weeks for refund.

CONTACT INFO
RES/CRRT 2021
Phone: 858-272-1018
Fax: 858-272-7687
Email: crrt@res-inc.com
Website: www.crrtonline.com
**Practice Based Learning in CRRT: The Science and the Art**  
Sunday 8:00am to 12:00pm, Monday 8:00am to 2:30pm  
(included with full conference registration, includes access to the on-demand recording until May 31, 2021)

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.

*Full Conference Registration is NOT required, may be attended independently. See page 4 for fees.*

**AKI SYMPOSIUM**  
**Presented by UAB/UCSD O’Brien Center for AKI Research**

**Changing Paradigms in AKI: From Mechanisms to Management**  
Sunday 7:55am to 12:15pm, Monday 8:00am to 12:15pm  
(included with full conference registration, includes access to the on-demand recording until May 31, 2021)  
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.

*Full Conference Registration is NOT required, may be attended independently. See page 4 for fees.*

**ADDITIONAL OPTIONAL SESSIONS (Non-CME)**

**INDUSTRY SESSIONS - see website for latest details and descriptions**

- **Monday, March 1, 9:00-10:00am - with live Q&A**
  **How Point-of-Care Measurement of Ionized Magnesium and Plasma Volume Can Impact CRRT and Hemodialysis in Patients with AKI and CKD**
  - Mitchell Rosner, MD MACP and Wouter Tiel Groenestege, PhD

- **Tuesday, March 2, 1:00-2:00pm - with live Q&A**
  **Assessing the risk of Acute Kidney Injury (AKI)- A paradigm shift in renal care**
  - V. Seenu Reddy, MD, MBA, FACS, FACC

- **Tuesday, March 2, 2:15-3:15pm - with live Q&A**
  **A New Add-on Treatment Option for Patients With Lupus Nephritis That Can Help Improve Renal Outcomes**
  - Dr. William F. Pendergraft, MD

- **Wednesday, March 3, 1:00-2:00pm - with live Q&A**
  **Citrate utilization in CRRT and the impact of RegioCit Replacement Solution**
  - Ashita Tolwani, MD

- **Thursday, March 4, 1:00-2:00pm - with live Q&A**
  **Strategies to limit hypophosphatemia in critically ill patients on CRRT**
  - Javier Neyra, MD, Melissa Thompson-Bastin
ABSTRACT INFORMATION

DEADLINE FOR RECEIPT OF ABSTRACTS: December 18, 2020
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. 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, 2021.
7. Selected abstracts will be eligible for virtual oral poster discussions on Monday, March 1. 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) 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 and Nurses/Allied Professionals who submit a poster abstract to be presented at the AKI & CRRT Conference may be eligible to apply for Registration for the conference. Sponsorship for the awards is currently being sought and will be announced soon. Awards will be based on the quality and relevance of the research as judged by the abstract review committee. Recipients are required to be present their digital poster in a virtual format. More information will be posted soon.
1. Registration Awards - Conference registration fee.
2. 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 a digital poster in the topics covered..
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@ccrrtonline.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.

SUBMISSION
1. Notification of acceptance will be mailed by January 5, 2021 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 Phone: 858-272-1018 Website: crrtonline.com
   4425 Cass Street, Suite A Fax: 858-272-7687
   San Diego, CA 92109 USA Email: res@ccrrtonline.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 Other activity (live internet course with recorded content online) 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, 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, Dieticians, Industry, Pharmacists, Residents and Fellows. Specialties include: Anesthesiology, Cellular & Molecular Medicine, Critical Care, Emergency Medicine, Family & Preventive Medicine, Geriatrics, and Internal Medicine.

IMPORTANT NOTICE RE: Credit Claiming Deadlines & Certificate Issuance
Certificates will be issued digitally after Speaker Evaluations and Overall Surveys are completed. Surveys are accessible after logging in starting the first day of the conference with the email address and password you submitted during registration. The link to access the surveys will be posted on this webpage. Please complete the surveys by April 19 (deadline to claim credit/evaluation close). Archive recordings of the Live Webcast will be available until June 1, 2021 on the Virtual Event Platform for participants of the Live Webcast only. Note that credit is not available for viewing of the recorded content after April 19th.
CME INFORMATION (continued)

CME CREDIT
The following sessions are being reviewed for CME Credit:

SUNDAY/MONDAY, FEBRUARY 28 & MARCH 1, 2021
Practice Based Learning in CRRT
Changing Paradigms in AKI, PW2 Practice Based Learning in CRRT

TUESDAY, MARCH 2, 2021
MEET THE EXPERT SESSIONS
GROUP 1 - WORKSHOPS
SESSION I: PATIENT CHARACTERISTICS
TOPICAL SYMPOSIA

WEDNESDAY, MARCH 3, 2021
MEET THE EXPERT SESSIONS
GROUP 2 - WORKSHOPS
SESSION II: CONTROVERSIES IN CRITICAL CARE NEPHROLOGY
TOPICAL SYMPOSIA

THURSDAY, MARCH 4, 2021
MEET THE EXPERT SESSIONS
GROUP 3 - WORKSHOPS
SESSION III: EMERGING CONCEPTS IN AKI AND RRT
TOPICAL SYMPOSIA

FRIDAY, MARCH 5, 2021
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.
**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

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**SUNDAY, February 28 - SESSION 1 (all workshop attendees)**

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<tr>
<td>8:00-8:10am</td>
<td>Opening Remarks</td>
<td>Ashita Tolwani, Jorge Cerda</td>
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<td>8:10-8:30</td>
<td>Access, Membrane, Circuit</td>
<td>David Selewski</td>
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<td>8:30-8:50</td>
<td>Modality &amp; Dose</td>
<td>Jorge Cerda</td>
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<td>8:50-9:10</td>
<td>Anticoagulation</td>
<td>Ashita Tolwani</td>
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<td>9:10-9:40</td>
<td>Live Q&amp;A - CRRT Faculty</td>
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<td>9:40-10:00</td>
<td>Break</td>
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<td>10:00-10:20</td>
<td>Solutions and Fluid Balance</td>
<td>David Selewski</td>
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<td>10:20-10:40</td>
<td>Monitoring</td>
<td>Ian Baldwin</td>
</tr>
<tr>
<td>10:40-11:00</td>
<td>Drug Dosing and Adjustments</td>
<td>Linda Awdishu</td>
</tr>
<tr>
<td>11:00-11:30</td>
<td>Interactive Case Discussion</td>
<td>Ashita Tolwani</td>
</tr>
<tr>
<td>11:30-12:00</td>
<td>Live Q&amp;A - CRRT Faculty</td>
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</tbody>
</table>

**MONDAY MORNING, March 1 - SESSION 2**

**Physician Track**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00-8:10am</td>
<td>Opening Remarks</td>
<td>Ashita Tolwani, Jorge Cerda</td>
</tr>
<tr>
<td>8:10-8:30</td>
<td>Patient Selection</td>
<td>Jorge Cerda</td>
</tr>
<tr>
<td>8:30-8:50</td>
<td>Management of Acid-Base Disorders</td>
<td>Lenar Yessayan</td>
</tr>
<tr>
<td>8:50-9:10</td>
<td>Adjusting Nutrition</td>
<td>Javier Neyra</td>
</tr>
<tr>
<td>9:10-9:30</td>
<td>Management of Dysnatremias</td>
<td>Lenar Yessayan</td>
</tr>
<tr>
<td>9:30-9:50</td>
<td>Timing of Initiation</td>
<td>Etienne Macedo</td>
</tr>
<tr>
<td>9:50-10:10</td>
<td>Achieving Survival and Recovery</td>
<td>Scott Sutherland</td>
</tr>
<tr>
<td>10:10-10:40</td>
<td>Live Q&amp;A</td>
<td></td>
</tr>
<tr>
<td>10:40-11:00</td>
<td>Break</td>
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</tbody>
</table>

**Nurse Track**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
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</thead>
<tbody>
<tr>
<td>8:00-8:10</td>
<td>Opening Remarks</td>
<td>Theresa Mottes, Andrew Barker</td>
</tr>
<tr>
<td>8:10-8:30</td>
<td>Orders, Charting and Monitoring</td>
<td>Katrina Eggleston</td>
</tr>
<tr>
<td>8:30-8:50</td>
<td>CRRT in the Operating Room</td>
<td>Andrew Barker</td>
</tr>
<tr>
<td>8:50-9:10</td>
<td>CRRT for Pediatric Applications</td>
<td>Theresa Mottes</td>
</tr>
<tr>
<td>9:10-9:30</td>
<td>Patient Mobilization &amp; Rehabilitation</td>
<td>Michael Connor/Ian Baldwin</td>
</tr>
<tr>
<td>9:30-9:50</td>
<td>Integrating Multidisciplinary Support Team for CRRT Delivery</td>
<td>Linda Awdishu</td>
</tr>
<tr>
<td>9:50-10:10</td>
<td>Developing Quality Measures for CRRT Delivery</td>
<td>Theresa Mottes, Javier Neyra</td>
</tr>
<tr>
<td>10:10-10:40</td>
<td>Live Q&amp;A</td>
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</tr>
</tbody>
</table>

Our CRRT Workshop is a 2 day event - Sunday and Monday -

Workshop schedule continues on following page
**MONDAY MORNING, MARCH 1**

9:00-10:00am  **Additional Industry Session Offered**  
(Non-CME, see page 5 or website for details)

**Concurrent Oral Poster Sessions**

These moderated sessions will allow selected abstract authors to present short 4-6 minute oral presentations that include slides and key points in their study. Each session will have 5-6 presentations and will allow for participant interaction.

<table>
<thead>
<tr>
<th>Time</th>
<th>Oral Poster Session 1</th>
<th>Oral Poster Session 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00-10:00am</td>
<td>Moderators: Alex Zarbock, Perry Wilson</td>
<td>Moderators: Matthieu Legrand, Vincenzo Cantalluppi</td>
</tr>
<tr>
<td>10:15-11:15am</td>
<td>Oral Poster Session 3</td>
<td>Oral Poster Session 4</td>
</tr>
<tr>
<td>11:30-12:30pm</td>
<td>Moderators: Patrick Murray, Paul Palevsky</td>
<td>Moderators: Nick Selby, Stuart Goldstein</td>
</tr>
</tbody>
</table>

**CRRT WORKSHOP - MONDAY, MARCH 1 (continued)**

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

**MONDAY AFTERNOON, MARCH 1 - SESSION 3**

11:00am-2:30pm  **INTERACTIVE TRACKS with LIVE Q&A**

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.

Presenters will be available for LIVE Q&A during their sessions.

**Physicians Track**

*Moderators - Ashita Tolwani, Jorge Cerda*

**Session 1**

Circuit, Anticoagulation and Monitoring
Ashita Tolwani, Lenar Yessayan
11:00am-11:30am

**Session 2**

Dose / Fluid / Documentation / Recognizing and Managing Complications
Michael Connor, Scott Sutherland
11:30am-12:00pm

**Session 3**

Prescription / Order Sets / Decision Making / Coordination of Care
Jorge Cerda, Javier Neyra
12:00pm-12:30pm

**Session 4**

Monitoring, Alarms and Connections with Other Therapies
Keith Wille, Katrina Eggleston
12:30pm-1:00pm

**Nursing Track**

*Moderators - Katrina Eggleston, Michael Connor*

**Session 1**

Machine Priming, Circuit Set Up, Programming to Match Orders
Katrina Eggleston
11:00am-11:30am

**Session 2**

Implementing Therapy Delivery Dose Adjustments, Fluid Balance
Ian Baldwin, Javier Neyra
11:30am-12:00pm

**Session 3**

Therapy Monitoring and Troubleshooting Alarms, Therapy Discontinuation
Ian Baldwin
12:00pm-12:30pm

**Session 4**

Connectology with Hybrid Systems ECMO, ECCOR, Apheresis
Michael Connor
12:30pm-1:00pm

**Pediatric Track**

Modality Selection, Circuit Modifications, Therapy Dosing, Monitoring, Adjustments for Targeted Interventions
David Selewski, Scott Sutherland, Theresa Mottes

1:00-1:15pm  **Break**
1:15-2:00  **Live Q&A - Ashita Tolwani and CRRT Faculty**
2:00-2:30  **Post-test and Wrap-up**
2:30  **Adjourn**
# Changing Paradigms in Acute Kidney Injury: From Mechanisms to Management

*Presented by UAB/UCSD O’Brien Center for AKI Research*

All Times in Pacific Standard Time

## SUNDAY, FEBRUARY 28

### PLENARY 1  
**Molecules, Mechanisms and Targets**  
*Co-Chairs: Volker Vallon, MD and Anupam Agarwal, MD*

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>8:00-8:20</td>
<td>Thermoneutral regulation of AKI - Lisa Curtis</td>
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<tr>
<td>8:20-8:40</td>
<td>Integrated RNA Landscape of Renal Preconditioning against Ischemia-Reperfusion Injury</td>
<td>Roman-Ulrich Müller</td>
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<tr>
<td>8:40-9:00</td>
<td>FGF23 regulation and AKI - Eugene Rhee</td>
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<tr>
<td>9:00-9:20</td>
<td>Inhibition of Endothelial PHD2 Suppresses Post-Ischemic Kidney Inflammation</td>
<td>Pinelopi Kapitsinou</td>
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<tr>
<td>9:20-9:40</td>
<td>Efferocytosis and AKI: Novel model system to boost clearance of dying cells - Sho Morioka</td>
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<tr>
<td>9:40-10:00</td>
<td>Live Panel Discussion</td>
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<td>10:00-10:15</td>
<td>Break</td>
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### PLENARY 2  
**Of Mice and Men: Harmonizing Human and Animal AKI**  
*Co-Chairs: Paul Sanders, MD and Prabhleen Singh, MD*

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>10:15-10:35</td>
<td>Mitochondria Transfer in AKI - Amandeep Bajwa</td>
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<tr>
<td>10:35-10:55</td>
<td>Necroptosis in AKI and kidney fibrosis - Mary Choi</td>
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<tr>
<td>10:55-11:15</td>
<td>Orai1 a new therapeutic target for AKI to CKD transition - David Basile</td>
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<td>11:15-11:35</td>
<td>Purinergic P2Y14 receptor signaling in AKI - Sylvie Breton</td>
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<td>11:35-11:55</td>
<td>Role of DNA repair in the prevention of maladaptive renal injury responses - Joe Bonventre</td>
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<tr>
<td>11:55-12:15</td>
<td>Live Panel Discussion</td>
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<td>12:15pm</td>
<td>Adjourn</td>
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## MONDAY, MARCH 1

### PLENARY 3  
**Bench to Bedside: Translating Discoveries to Clinical Care**  
*Co-Chairs: Stuart Goldstein, MD and Mark Okusa, MD*

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>8:00-8:20am</td>
<td>The role of understudied G-protein coupled receptors in the kidney - Jennifer Pluznick</td>
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<tr>
<td>8:20-8:40</td>
<td>Detection of AKI in Neonates after cardiopulmonary bypass - Tennille Webb</td>
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<td>8:40-9:00</td>
<td>Crosstalk between the nervous system and the kidney - Shinji Tanaka</td>
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<tr>
<td>9:00-9:20</td>
<td>Soluble Urokinase Receptor and Acute Kidney Injury - Jochen Reiser</td>
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<tr>
<td>9:20-9:40</td>
<td>Metabolism as Disease Tolerance: Implications for Sepsis-associated AKI - Sarah Huen</td>
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<tr>
<td>9:40-10:00</td>
<td>Live Panel Discussion</td>
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<tr>
<td>10:00-10:15</td>
<td>Break</td>
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</tbody>
</table>

### PLENARY 4  
**Controversies in AKI**  
*Co-Chairs: Anitha Vijayan and Kianoush Kashani*

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>10:15-10:35</td>
<td>Nomenclature for kidney function and disease - Andrew Levey</td>
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<tr>
<td>10:35-10:55</td>
<td>COVID-19 AKI new disease or different presentation? - John Kellum</td>
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<tr>
<td>10:55-11:15</td>
<td>Can clinical decision support help reduce contrast induced AKI? - Neesh Pannu</td>
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<tr>
<td>11:15-11:35</td>
<td>Biomarker based management of AKI: fact or fantasy? - Marlies Ostermann</td>
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<tr>
<td>11:55-12:15</td>
<td>Live Panel Discussion</td>
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<tr>
<td>12:15pm</td>
<td>Adjourn</td>
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</tbody>
</table>
7:00-8:30am GROUP 1 - SIMULTANEOUS STANDARD WORKSHOPS (choose one)

A01 Biomarker Enhanced Management of AKI and RRT (C, N, AP)
Several biomarkers are now available to assess kidney function and damage however their use remains limited. This workshop will discuss which patients should get these assessments and how they can be applied to improve management and guide specific interventions in patients with AKI in different settings.
(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, Zappitelli)

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.
(Doi, 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, Baldwin, Arikan)

MEET THE EXPERT SESSIONS - Group 1 (CME Available)
(choose one)

7:00-8:00am Session 1 (ME1) - How I Use AKI Biomarkers in My Practice
John Kellum and Stu Goldstein

7:00-8:00am Session 2 (ME2) - What Fluids do I Use Perioperatively?
Azra Bihorac and John Prowle

SESSION I: PATIENT CHARACTERISTICS (CME Available)

8:35-10:30am Plenary 1 - MINI-SYMPOSIA
Organ Dysfunction in the Critically Ill Patient: Emerging Concepts
Co-Chairs: Matthieu LeGrand and Marlies Ostermann

8:35-8:45 Opening Remarks
Ravindra L Mehta

8:45-9:00 Cytokine storm in critical illness
Lui Forni

9:00-9:15 Organ Crosstalk following AKI
Vincenzo Cantaluppi

9:15-9:30 Neutrophil extracellular traps and extracellular histone: Mediators of organ crosstalk
Kent Doi

9:30-9:45 Identifying and Reducing Kidney Stress
John Kellum

9:45-10:00 Mechanical ventilation and AKI
Sean Bagshaw

10:00-10:30 Q&A - Live Discussion

10:30-10:45 Break
TUESDAY MORNING, MARCH 2

SESSION I: PATIENT CHARACTERISTICS - Continued *(CME Available)*

10:45-12:45pm  Plenary 2 - MINI-SYMPOSIA
  *Acute Kidney Injury (AKI): Pathophysiology*
  **Co-Chairs:** Ayse Arikan and Emmanuel Burdmann

10:45-11:00am  Mitochondrial Dysfunction: The role of Vitamin B3
  Samir Parikh

11:00-11:15  Inhibiting Glucose transport in the kidney: Protection from AKI?
  Volker Vallon

11:15-11:30  Klotho and AKI: Another Piece of the Puzzle
  Javier Neyra, MD

11:30-11:45  Cardiorenal Syndrome: New Insights
  Matthieu LeGrand

11:45-12:00  Renal Functional Reserve and Subclinical injury: Unrecognized and Underappreciated
  Dana Fuhrman

12:00-12:15  Defining AKD: The Spectrum of AKI, AKD and CKD
  Andrew Levey

12:15-12:45  Q&A - Live Discussion

12:45pm  Adjourn

TUESDAY AFTERNOON, MARCH 2

1:00-2:00pm  TOPICAL SYMPOSIA - Group 1A *(CME Available)*

**T1**  The Vanguard of AKI Management: What’s on the horizon
  **Moderators:** Nick Selby and Katja Gist
  Over the last few years several advances have occurred in our understanding of AKI and with the availability of biomarkers, EMR’s, and big data we are on the cusp of breakthroughs in the field. This symposium will discuss the emerging techniques and their applications to improve management of AKI.
  *The essence of subclinical AKI* - Claudio Ronco
  *Subphenotyping for personalized care* - Ravindra Mehta
  *eManagement from detection to intervention* - Kianoush Kashani

**T2**  Personalized Management of Shock: How to use Biomarkers, Vasopressors and Fluids?
  **Moderators:** John Kellum and Matthieu LeGrand
  There is increasing evidence that patients 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.
  *Biomarker based management: Can we do it?* - Marlies Ostermann
  *Response to Vasopressors: Can We Personalize?* - Peter Pickkers
  *Which Fluids Should We Use?* - Lui Forni

1:00-2:00pm  Additional Industry Session Offered *(Non-CME, see page 5 or website for details)*

*Topical Symposia continue on next page*
2:15-3:15pm  TOPICAL SYMPOSIA - Group 1B (CME Available)

T3 Extracorporeal Organ Support (ECOS) in the Critically Ill Patient

Moderators: Stu Goldstein 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.

- Removal of viruses and bacteria - Lakhmir Chawla
- Role of Adsorption - Claudio Ronco
- Combined respiratory and renal support - Patrick Honoré

T4 Surviving AKI: Challenges and Opportunities

Moderators: Jorge Cerda and Etienne Macedo

The devastating effects of AKI on short- and long-term outcomes is now well described, however there has been a paucity of information on the best approaches to improve outcomes. This symposium will describe some of the key areas that need to be addressed to help patients recover and regain their health following critical illness.

- Persistent Critical Illness: Recognition and Management - John Prowle
- Optimizing recovery: What can we rely on - John Kellum

1:15-2:15pm  Additional Industry Session Offered (Non-CME, see page 5 or website for details)

3:15pm  Adjourn
STANDARD WORKSHOPS - GROUP 2 (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

Workshop Tracks: A: AKI; B: CRRT Technique; C: Critical Care Topics ; D: Organ Support

7:00-8:30am  GROUP 2 - SIMULTANEOUS STANDARD WORKSHOPS (choose one)

A05  Pediatric AKI and RRT: Beyond the Basics (I,N,AP)
    This case based workshop will describe the best practices to develop a pediatric AKI and CRRT program, identify and treat neonates and children with CRRT, peritoneal dialysis and tandem therapies to assure delivery of high-quality care in the pediatric setting. (Askenazi, Mottes, Fuhrman)

B06  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. (Clauere, Baldwin, Zappitelli)

C07  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, Mehta, Bagshaw)

D08  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. (Honore, Gist, LeGrand)

7:00-8:00am  Session 3 (ME3) - When do I Start RRT in My ICU
               Claudio Ronco and Stephane Gaudry

7:00-8:00am  Session 4 (ME4) - How do I manage the pediatric patient with AKI
               David Askenazi and Katja Gist

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

8:45-10:30am  Plenary 3 - MINI-SYMPOSIA
               Challenges in ICU Management

Co-Chairs:  Patrick Murray and Katja Gist

8:45:9:00  Managing vasodilatory shock: The role of Renin
          Marlies Ostermann

9:00-9:15  Recognizing and treating hepatorenal syndrome: What’s the plan?
          Mitra Nadim

9:15-9:30  Assessing Fluid Tolerance: Do we know how?
          Kianoush Kashani

9:30-9:45  Metabolic Acidosis: Is bicarbonate warranted?
          Lui Forni

9:45-10:00  Recruiting the micro circulation in Septic Shock
            Matthieu LeGrand

10:00-10:15  Q&A - Live Discussion

10:15-10:45  SPECIAL LECTURE - LIVE
               Jeff Gray Memorial Lecture
               Translating to Management Award
               Biomarkers of AKI - Opportunities and Challenges
               Marlies Ostermann

10:45-11:00  Break
SESSION II: CONTROVERSIES IN CRITICAL CARE NEPHROLOGY (continued)

11:00 -12:45pm Plenary 4 - MINI-SYMPHOSIA
COVId19 AKI: The ADQ1 Consensus Recommendations
Co-Chairs: Mitra Nadim and Lui Forni

11:00-11:15 Epidemiology and Diagnosis
Li Yang

11:15-11:30 Pathophysiology and Mechanisms
Vincenzo Cantaluppi

11:30-11:45 Prevention and Management
Nutta Lumlertgul

11:45-12:00 Dialysis Applications
Anitha Vijayan

12:00-12:15 Extracorporeal Blood Purification
Thiago Reis

12:15-12:45 Q&A - Live Discussion

12:45 pm Adjourn

1:00-2:00pm TOPICAL SYMPHOSIA - Group 2A (CME Available)

W1 Personalizing Dialysis Initiation in the ICU
Moderators: Paul Palevsky and Etienne Macedo
There continues to be considerable controversy regarding the best approach to starting RRT in ICU patients. Recent randomized trials in this area have suggested a wait and see approach should be considered. This symposium will discuss the practical aspects of this approach to personalize care.

The Wait and Watch approach: Who is a Candidate? - Stephane Gaudry
Delaying dialysis for AKI: Are Potassium binders useful or harmful - John Prowle
Identifying the Right Patient for the Right Therapy at the Right Time - Ravindra Mehta

W2 Optimizing Fluid Management in the ICU: Fit for Purpose?
Moderators: Patrick Honore and Marlies Ostermann
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 - Alex Zarbock
The Patient with Oliguria - Patrick Murray
Descalation of Fluids - Kianoush Kashani

1:00-2:00pm Additional Industry Session Offered (Non-CME, see page 5 or website for details)

2:15-3:15pm TOPICAL SYMPHOSIA - Group 2B (CME Available)

W3 Machine Learning and AI for AKI management: Are we there yet?
Moderators: Jay Koyner and Scott Sutherland
Artificial Intelligence is emerging in health care settings to risk assess, detect and intervene in several conditions and is being applied to improve prevention and management. This symposium will highlight the advances in the field and their application for AKI

The challenge of real time data analytics - Shamim Nemati
Trials and Tribulations with AKI prediction - Perry Wilson
AI for predicting complications from live streaming data - Azra Bihorac

W4 Establishing and Maintaining a Performance Improvement Program for RRT
Moderators: Rajit Basu and Mitch Rosner
Although RRT is commonly applied worldwide there are minimal established criteria for monitoring the quality of care delivered. This symposium will discuss how to set up and implement a quality assessment program for RRT based on the recommendations from the ADQI 22 consensus conference.

Quality improvement standards for acute RRT - Ashita Tolwani
Teaching and training for CRRT: Developing competency - Ian Baldwin
Setting up and maintaining a performance improvement program for RRT in the hospital - Theresa Mottes

3:15pm Adjourn
**THURSDAY MORNING, MARCH 4**

**STANDARD WORKSHOPS - GROUP 3 (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

**Workshop Tracks:**

- A: AKI
- B: CRRT Technique
- C: Critical Care Topics
- D: Organ Support

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>7:00-8:30am</td>
<td><strong>GROUP 3 - SIMULTANEOUS STANDARD WORKSHOPS (choose one)</strong></td>
</tr>
<tr>
<td>A09 8:00-8:30am</td>
<td><strong>Preventing AKI: From Surveillance to Intervention (C,N,AP)</strong></td>
</tr>
<tr>
<td>B10 8:00-8:15am</td>
<td><strong>Personalized Fluid Management with CRRT (A)</strong></td>
</tr>
<tr>
<td>C11 8:15-8:30am</td>
<td><strong>Dealing with an Acute RRT Surge: Lessons from COVID19 (A,N,AP)</strong></td>
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<tr>
<td>D12 8:30-8:45am</td>
<td><strong>Managing the Heart Failure Patient with Worsening Renal Function (WRF) (A,N)</strong></td>
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**MEET THE EXPERT SESSIONS - Group 3 (CME Available)**

(choose one)

- **Session 5 (ME5) - How do I use Vasopressors in Shock**
  - Sean Bagshaw and Peter Pickers

- **Session 6 (ME6) - How do I Manage the Fluid Overloaded Patient?**
  - Stuart Goldstein and Lui Forni

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

- **Plenary 5 - MINI-SYMPOSIUM**
  - **Challenges and Controversies in Renal Support and CRRT**
  - **Co-Chairs:** Ashita Tolwani and David Askenazi

- **Weaning from CRRT: Can Biomarkers help?**
  - Rajit Basu

- **Managing Acute liver failure with associated AKI and CRRT: The 5 'H' approach**
  - Ian Baldwin

- **Cytokine storms and Blood Purification: When and How**
  - Claudio Ronco

- **Q&A - Live Discussion**

- **LIVE DIALOGUE**
  - **When should we Start RRT in the ICU?**
  - **Moderator:** Marlies Ostermann
    - **Initiate Early** - Alex Zarbock
    - **Delay as long as you can** - Stephane Gaudry
    - **Wait and Watch** - Sean Bagshaw

- **10:30-11:00**
  - **Break**
SESSION III: EMERGING CONCEPTS IN AKI AND RRT (continued)

11:00-12:45pm Plenary 6 - MINI-SYMPOSIA
   Novel Strategies in AKI Management
   Co-Chairs: Li Yang and Michael Zappitelli
   11:00-11:15 RAAS agents in AKI: Friend or Foe?
               Vincent Wu
   11:15-11:30 Applying Artificial Intelligence for AKI management: Are we ready
               Jay Koyner
   11:30-11:45 Glutamine for preventing AKI
               Alex Zarbock
   11:45-12:00 Strategies for prevention of CA-AKI: Recommendations from the NKF consensus conference
               Paul Palevsky
   12:00-12:15 Health economics of AKI improvement - An argument for adoption?
               Nick Selby
   12:15-12:45 Q&A - Live Discussion
12:45 Adjourn

1:00-2:00pm TOPICAL SYMPOSIA - Group 3A (CME Available)

TH1 Imaging Techniques in Critically Ill Patients with Kidney Disease
   Moderators: Mitch Rosner and Anitha Vijayan
   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.
   Contrast based imaging: when and how to use - Paul Palevsky
   Prediction models for contrast induced AKI: Do they work? - Neesh Pannu
   New imaging techniques in AKI - Nick Selby

TH2 Managing the Patient with Cancer and AKI
   Moderators: Marlies Ostermann and Linda Awdishu
   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 cancer therapy.
   Evaluation of renal function in cancer patients - Emmanuel Burdmann
   Anticipating and mitigating nephrotoxicity of anti cancer drugs - Mitch Rosner
   Bone marrow transplant associated AKI - Stuart Goldstein

1:00-2:00pm Additional Industry Session Offered (Non-CME, see page 5 or website for details)

2:15-3:15pm TOPICAL SYMPOSIA - Group 3B (CME Available)

TH3 Managing Electrolyte and Acid Base Problems in the ICU
   Moderators: Ashita Tolwani and Michael Connor
   Dysnatremias, hyperkalemia and metabolic acidosis are commonly encountered in ICU patients and are
   often difficult to manage. This symposium will cover the pathophysiology of these disorders and discuss
   the practical issues for management of these disorders with novel agents and RRT.
   Hypo and hypernatremia: Achieving balance - Lennar Yessayan
   Correcting metabolic acidosis: When is RRT needed? - Kianoush Kashani
   Managing hyperkalemia: what are the options? - Javier Neyra

TH4 Withholding and Withdrawing Care: Ethical Issues in the ICU
   Moderators: Rajit Basu and Mitra Nadim
   Defining the goals of therapy in context to the patient and family wishes often poses a dilemma particularly
   when the care team does not concur. This workshop will discuss the practical application of ethical
   principles in managing critically ill patients.
   RRT in the ICU: When can (should) you say no? - Lynette Cederquist
   Shared Decision Making in the ICU: Principles and Practice - Sean Bagshaw

3:15pm Adjourn
MEET THE EXPERT SESSIONS - Group 3 (CME Available)

(choose one)

7:00-8:00am  Session 7 (ME7) - How do I assess a patient with heart failure and worsening kidney function
Patrick Murray and Matthieu LeGrand

7:00-8:00am  Session 8 (ME8) - How do I know when to stop RRT
Sean Bagshaw and David Selewski

SESSION IV: IMPROVING OUTCOMES IN AKI (CME Available)

8:00-10:30am  Plenary 7 - MINI SYMPOSIA
Global Burden of AKI
Co-Chairs: Javier Neyra and Jorge Cerda
8:00-8:15  AKI in the UK: National perspectives
Nick Selby
8:15-8:30  Ethnicity, AKI and outcomes: Insights from a diverse population
John Prowle
8:30-8:45  AKI in Southeast Asia
Nattachai Srisawat
8:45-9:00  Strategies for CRRT in COVID19: Experience from Latin America
Rolando Claure-Del Granado
9:00-9:15  AKI following elective abdominal nonvascular surgeries
Emmanuel Burdmann
9:15-9:30  Strained ICU Capacity - Patient, Health System and Economic Outcomes
Sean Bagshaw
9:30-9:45  Health Disparities and Post-AKI Outcomes
Etienne Macedo
9:45-10:00  Prevalence and Outcomes of AKD: What have we learned?
Neesh Pannu
10:00-10:30  Q&A - Live Discussion

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

10:45am-1:00pm  Plenary 8 - MINI SYMPOSIA
Emerging Strategies in AKI and Extracorporeal Support
Co-Chairs: Vincent Wu and Nick Selby
10:45-11:00  AKI! NOW Initiative: Awareness, Recognition and Management of AKI
Jorge Cerda
11:00-11:15  Renal Biopsy for AKI: What are we missing
Raj Chakravarthi
11:15-12:30  Update from Ongoing and Late Breaking Studies (12 minutes each)
1. Lessons learned from STARRT-AKI - Sean Bagshaw
2. COVID 19 and Pediatric AKI The SPARK Study - Rajit Basu
3. The Global Snapshot study of AKI in COVID-19 - Harin Rhee
4. AdrenoOSS-2 trial for septic shock - Peter Pickkers
5. Terlipressin for HRS - Mitra Nadim
6. The REVIVAL Study - Peter Pickkers
7. penKID in septic AKI: The PredARRT trial - Christian Nusshag
12:30-12:55  Critical Care Nephrology: Literature Review
Mitch Rosner
12:55-1:00  Closing Remarks
Ravindra L. Mehta
Chairman
1:00pm  Conference Adjourns