TWENTY SIXTH INTERNATIONAL CONFERENCE ON ADVANCES IN CRITICAL CARE NEPHROLOGY

AKI & CRRT 2021

Endorsed by
The International Society of Nephrology
Acute Kidney Injury Network

ORGANIZING COMMITTEE

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Claudio Ronco, MD

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Sean Bagshaw, MD
Ron Wald, MD

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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
Anupam Agarwal, MD
Birmingham, AL USA

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Houston, TX USA

David Askenazi, MD, MSPH
Birmingham, AL USA

Linda Awdishu, PharmD, MAS
La Jolla, CA USA

Sean Bagshaw, MD, MSc, FRCP
Edmonton, Al CANADA

Amandeep Bajwa, PhD
Memphis, TN USA

Ian Baldwin, RN, PhD, FACCCN
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Andrew Barker, MD
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David Basile, PhD
Indianapolis, IN USA

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Sylvie Breton, PhD
Boston, MA USA

Emmanuel Burdmann, MD, PhD
Sao Paulo, SP BRAZIL

Vincenzo Cantaluppi, MD
Novara, NO ITALY

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La Jolla, CA U.S.A.

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Hyderabad, Te INDIA

Lakhmir Chawla, MD
San Diego, CA USA

Mary Choi, MD
New York, NY USA

Rolando Claude-Del Granado, MD, FASN
Cochabamba, Co BOLIVIA

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Lisa Curtis, PhD
Birmingham, AL USA

Kent Doi, MD
Tokyo, To JAPAN

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Calera, Al USA

Lui Forni, MD
Guildford, UK

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Paris, FRANCE

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Laeken, Br BELGIUM

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Dallas, TX USA

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Kianoush Kashani, MD
Rochester, MN USA

John Kellum, MD
Pittsburgh, PA USA

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Sho Morioka, PhD
Charlottesville, VA USA

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

Roman-Ulrich Mueller, MD
Cologne, GERMANY

Patrick Murray, MD
Dublin, D IRELAND

Mitra Nadim, MD, FASN
Los Angeles, CA USA

Shamim Nemati, PhD
La Jolla, CA USA

Javier Neyra, MD, MSCS
Lexington, KY USA

Christian Nussshag, MD
Heidelberg, Germany

Mark Okusa, MD
Charlottesville, VA USA
<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Location</th>
<th>Country</th>
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<tbody>
<tr>
<td>Marlies Ostermann, MD</td>
<td>London, Gr</td>
<td>UNITED KINGDOM</td>
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<tr>
<td>Paul Palevsky, MD</td>
<td>Sewickley, PA</td>
<td>USA</td>
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<tr>
<td>Neesh Pannu, MD</td>
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<td>Samir Parikh, MD</td>
<td>Boston, MA</td>
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<td>Peter Pickers, MD, PhD</td>
<td>Nijmegen</td>
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<td>Jennifer Pluznick, PhD</td>
<td>Baltimore</td>
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<td>John Prowle, MA, MSc, MD, FRCP</td>
<td>London, UK</td>
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<td>Thiago Reis, MD</td>
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<td>Jochen Reiser, MD</td>
<td>Chicago, IL</td>
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<td>Harin Rhee, MD</td>
<td>San Diego</td>
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<td>Eugene Rhee, MD</td>
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<td>Claudio Ronco, MD</td>
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<td>Mitchell Rosner, MD</td>
<td>Charlotteville, VA</td>
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<td>Paul Sanders, MD</td>
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<td>Nick Selby, MD</td>
<td>Derby</td>
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<td>David Selewski, MD</td>
<td>Charleston</td>
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<td>Prabhleen Singh, MD</td>
<td>San Diego</td>
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<td>Nattachai Srisawat, MD, PhD</td>
<td>Bangkok</td>
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<td>Scott Sutherland, MD</td>
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<td>Shinji Tanaka, MD, PhD</td>
<td>Charlottesville</td>
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<td>Ashita Tolwani, MD</td>
<td>Birmingham</td>
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<td>Volker Vallon, MD</td>
<td>San Diego</td>
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<td>Anitha Vijayan, MD</td>
<td>St. Louis</td>
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<td>Tennille Webb, MD</td>
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<td>Keith Wille, MD</td>
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<td>Francis Perry Wilson, MD, MSCE</td>
<td>New Haven</td>
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<td>Vincent Wu, MD, PhD</td>
<td>Taipei</td>
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<td>Li Yang, MD</td>
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<tr>
<td>Lenar Yessayan, MD, MS</td>
<td>Ann Arbor</td>
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<td>Michael Zappitelli, MD, MSc</td>
<td>Toronto</td>
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<tr>
<td>Alex Zarbock, MD</td>
<td>Munster</td>
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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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<th>Early Bird</th>
<th>Pre-Registration</th>
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<td></td>
<td>On or before</td>
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<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.

<table>
<thead>
<tr>
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<th>Early Bird</th>
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<tr>
<td>AKI Mini Symposium</td>
<td>$ 175</td>
<td>$ 195</td>
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<tr>
<td>CRRT Basics Workshop</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

CONFERENCE OFFICE
RES Seminars, 4425 Cass Street, Suite A
San Diego, CA 92109 USA
Pre-conference Elective Events (CME Available)

CRRT Workshop (see page 4 for fees) 2 Day Workshop!

Sun. & Mon., February 28 & March 1 (included with registration, full program on page 9)

Practice Based Learning in CRRT: The Science and the Art
Sunday 8:00am to 12:00pm, Monday 8:00am to 2:30pm
(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 (see page 4 for fees)

Presented by UAB/UCSD O’Brien Center for AKI Research
Sun. & Mon., February 28 & March 1 (included with registration, full program on page 11)

Changing Paradigms in AKI: From Mechanisms to Management
Sunday 7:55am to 12:15pm, Monday 8:00am to 12:15pm
(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
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

Acute Kidney Injury (AKI) is one of the more prevalent and serious morbidities in hospitalized patients and is associated with a multitude of acute and chronic conditions. The economic and public health burden of AKI is significant with substantially increased mortality, morbidity, length of ICU stay and in-hospital costs. The NEPHROCHECK® Test [TIMP-2 • IGFBP-7] is an FDA cleared combination biomarker test that can significantly discriminate AKI from no-AKI, and when used in conjunction with clinical evaluation, can aid physicians in optimizing patient management.

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

Topics: Review COVID-19 and the impact of AKI, Anticoagulation in COVID-19, Key differences with Citrate and Heparin, Citrate use with CRRT in the era of COVID-19, Experiences with Regiocit Replacement Solution

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

Topics: Phosphate homeostasis during critical illness, Incidence and impact of hypophosphatemia during CRRT, Reactive approaches to manage hypophosphatemia during CRRT --> sliding scales, Preemptive approaches by using phosphate-containing solutions (compounded vs. readily available -Phoxillum)
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@crrtonline.com) on the same date as submission of abstract. Abstracts submitted without dated faxed letter will not be accepted for Grants.
4. Designate request for financial support on the CRRT website abstract application form.

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@crrtonline.com
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 29.25 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 29.25 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.
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

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

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<th>Time</th>
<th>Session</th>
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<tr>
<td>8:00-8:10am</td>
<td>Opening Remarks - Ashita Tolwani, Jorge Cerda</td>
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<td>8:10-8:30</td>
<td>Access, Membrane, Circuit - David Selewski</td>
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<tr>
<td>8:30-8:50</td>
<td>Modality &amp; Dose - Jorge Cerda</td>
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<td>8:50-9:10</td>
<td>Anticoagulation - Ashita Tolwani</td>
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<tr>
<td>9:10-9:40</td>
<td>Live Q &amp; A</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 - David Selewski</td>
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<td>10:20-10:40</td>
<td>Monitoring - Ian Baldwin</td>
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<td>10:40-11:00</td>
<td>Drug Dosing and Adjustments - Linda Awdishu</td>
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<td>11:00-12:00</td>
<td>Live Interactive Case Discussion - CRRT Faculty</td>
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**MONDAY MORNING, March 1 - SESSION 2**

**Physician Track**

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<td>Opening Remarks</td>
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<td>8:10-8:30</td>
<td>Patient Selection</td>
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<td>8:30-8:50</td>
<td>Management of Acid-Base Disorders</td>
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<td>8:50-9:10</td>
<td>Adjusting Nutrition</td>
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<td>9:10-9:30</td>
<td>Management of Dysnatremias</td>
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<td>9:30-9:50</td>
<td>Timing of Initiation</td>
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<td>9:50-10:10</td>
<td>Achieving Survival and Recovery</td>
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<td>10:10-10:40</td>
<td>Live Q&amp;A</td>
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**Nurse Track**

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<tr>
<td>8:00-8:10am</td>
<td>Opening Remarks</td>
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<td>8:10-8:30</td>
<td>Orders, Charting and Monitoring</td>
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<td>8:30-8:50</td>
<td>CRRT in the Operating Room</td>
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<td>8:50-9:10</td>
<td>CRRT for Pediatric Applications</td>
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<td>9:10-9:30</td>
<td>Patient Mobilization &amp; Rehabilitation</td>
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<td>9:30-9:50</td>
<td>Integrating Multidisciplinary Support Team for CRRT Delivery</td>
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<td>9:50-10:10</td>
<td>Developing Quality Measures for CRRT Delivery</td>
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<tr>
<td>10:10-10:40</td>
<td>Live Q&amp;A</td>
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<tr>
<td>10:40-11:00</td>
<td>Break</td>
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Practice Based Learning in CRRT: The Science and the Art

MONDAY AFTERNOON, March 1 - SESSION 3

11:00am-2:30pm  INTERACTIVE TRACKS - LIVE SESSIONS

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.

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<thead>
<tr>
<th>Physicians Track</th>
<th>Nursing Track</th>
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<tr>
<td><strong>Session 1</strong></td>
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<tr>
<td>Circuit, Anticoagulation and Monitoring</td>
<td>Machine Priming, Circuit Set Up, Programing to Match Orders</td>
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<tr>
<td>Ashita Tolwani, Lenar Yessayan</td>
<td>Katrina Eggleston</td>
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<td><strong>Session 2</strong></td>
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<tr>
<td>Dose / Fluid / Documentation / Recognizing and Managing Complications</td>
<td>Implementing Therapy Delivery Dose Adjustments, Fluid Balance</td>
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<td>Michael Connor, Scott Sutherland</td>
<td>Ian Baldwin, Javier Neyra</td>
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<td><strong>Session 3</strong></td>
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<tr>
<td>Prescription / Order Sets / Decision Making / Coordination of Care</td>
<td>Therapy Monitoring and Troubleshooting Alarms, Therapy Discontinuation</td>
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<td>Jorge Cerda, Javier Neyra</td>
<td>Ian Baldwin</td>
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<td><strong>Session 4</strong></td>
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<td>Monitoring, Alarms and Connections with Other Therapies</td>
<td>Connectology with Hybrid Systems ECMO, ECCOR, Apheresis</td>
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<tr>
<td>Keith Wille, Katrina Eggleston</td>
<td>Michael Connor</td>
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**Pediatric Track**

Modality Selection, Circuit Modifications, Therapy Dosing, Monitoring, Adjustments for Targeted Interventions

David Selewski, Scott Sutherland, Theresa Mottes

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<th>Time</th>
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<tr>
<td>1:00-1:15pm</td>
<td>Break</td>
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<tr>
<td>1:15-2:00</td>
<td>Interactive Clinical Case (Decision Making) - (Ashita Tolwani and CRRT Faculty)</td>
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<tr>
<td>2:00-2:30</td>
<td>Post-test and Wrap-up</td>
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<td>2:30</td>
<td>Adjourn</td>
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MONDAY MORNING ORAL POSTER SESSIONS, MARCH 1

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.

9:00-10:00am  Concurrent Oral Poster Sessions 1&2
10:15-11:15am Concurrent Oral Poster Sessions 3&4
11:30-12:30pm Concurrent Oral Poster Sessions 5&6
SUNDAY, FEBRUARY 28

7:55 am  Opening Remarks - Ravindra Mehta, MD

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

8:00-8:20  Thermoneutral regulation of AKI - Lisa Curtis
8:20-8:40  Integrated RNA Landscape of Renal Preconditioning against Ischemia-Reperfusion Injury - Ulrich Mueller
8:40-9:00  FGF23 regulation and AKI - Eugene Rhee
9:00-9:20  Inhibition of Endothelial PHD2 Suppresses Post-Ischemic Kidney Inflammation - Pinelopi Kapitsinou
9:20-9:40  Efferocytosis and AKI: Novel model system to boost clearance of dying cells - Sho Morioka
9:40-10:00  Live Panel Discussion
10:00-10:15  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  Mitochondria Transfer in AKI - Amandeep Bajwa
10:35-10:55  Necroptosis in AKI and kidney fibrosis - Mary Choi
10:55-11:15  Orai1 a new therapeutic target for AKI to CKD transition - David Basile
11:15-11:35  Purinergic P2Y14 receptor signaling in AKI - Sylvie Breton
11:35-11:55  Role of DNA repair in the prevention of maladaptive renal injury responses - Joe Bonventre
11:55-12:15  Live Panel Discussion
12:15pm  Adjourn

MONDAY, MARCH 1

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

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

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

10:15-10:35  Nomenclature for kidney function and disease - Andrew Levey
10:35-10:55  COVID-19 AKI new disease or different presentation? - John Kellum
10:55-11:15  Can clinical decision support help reduce contrast induced AKI? - Neesh Pannu
11:15-11:35  Biomarker based management of AKI: fact or fantasy? - Marlies Ostermann
11:55-12:15  Live Panel Discussion
12:15pm  Adjourn
TUESDAY MORNING, MARCH 2

STANDARD WORKSHOPS - GROUP 1 (CME Available for All)

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

Codes: C= Core workshop, I = Intermediate, A = Advanced, N= Nurses, AP = Nurses & Allied Personnel

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

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-SYMPOSIUM
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
SESSON 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 Burdman

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 AKI: The Spectrum of AKI, AKD and CKD
    Andrew Levey

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

12:45pm  Adjourn

TUESDAY AFTERNOON, MARCH 2

TOPOICAL SYMPOSIA

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

IND  Additional Sessions 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.

- **What matters: the patient’s perspective** - TBD
- **Persistent Critical Illness: Recognition and Management** - John Prowle
- **Optimizing recovery: What can we rely on** - John Kellum

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. (Claure, 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. (Honoré, Gist, LeGrand)

MEET THE EXPERT SESSIONS - Group 2 (CME Available)

(choose one)

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

10:0-10:15 Q&A - Live Discussion

10:15-10:45 SPECIAL LECTURE - LIVE
Translating to Management Award
TBD

10:45-11:00 Break
11:00 -12:45pm **Plenary 4 - MINI-SYMPOSIA**  
*COVID19 AKI: The ADQI 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**  
*Nuttha Lumergutul*

**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**

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**1:00-2:00pm**  
**TOPICAL SYMPOSIA - 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

**IND Additional Session Offered (Non-CME, see page 5 or website for details)**

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**2:15-3:15pm**  
**TOPICAL SYMPOSIA - 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:** Etienne Macedo 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 Mottis

3:15pm **Adjourn**
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

7:00-8:30am  GROUP 3 - SIMULTANEOUS STANDARD WORKSHOPS (choose one)

A09  Preventing AKI: From Surveillance to Intervention (C,N,AP)
This workshop will describe the current status of methods to identify patients at high risk for AKI and techniques for electronic surveillance. Strategies and tools for preventing AKI in different settings will be discussed. (Wilson, Kashani, Sutherland)

B10  Personalized Fluid Management with CRRT (A)
Achieving fluid balance and maintaining plasma composition is key for effective CRRT. This workshop will use case studies to discuss strategies for fluid management in CRRT to achieve patient driven outcomes for fluid, electrolyte and acid base balance. (Prowle, Mehta, Basu)

C11  Dealing with an Acute RRT Surge: Lessons from COVID19 (A,N,AP)
The COVID19 pandemic created an unprecedented demand on services often overwhelming the available capacity for managing critically ill patients. Centers across the world had to rapidly adapt and pivot to address the emergent needs. This workshop will describe the various changes that difference centers made for providing RRT and provide a framework to prepare for future surges in demand. (Ostermann, Vijayan, Connor)

D12  Managing the Heart Failure Patient with Worsening Renal Function (WRF) (A,N)
Patients with advanced heart failure often develop WRF. It is often difficult to determine which patients can be managed with drug therapy vs requiring RRT. This workshop will describe the practical application and results of different methods to treat heart failure and cardio-renal syndrome including ultrafiltration techniques. (Murray, LeGrand, Chakaravarthi)

MEET THE EXPERT SESSIONS - Group 3 (CME Available)

(choose one)

7:00-8:00am  Session 5 (ME5) - How do I use Vasopressors in Shock
Sean Bagshaw and Peter Pickkers

7:00-8:00am  Session 6 (ME6) - How do I Manage the Fluid Overloaded Patient?
Stuart Goldstein and Lui Forni

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

8:45-10:30am  Plenary 5 - MINI-SYMPOSIUM
Challenges and Controversies in Renal Support and CRRT

Co-Chairs: Ashita Tolwani and David Askenazi

8:45-9:00  Weaning from CRRT: Can Biomarkers help?
Rajit Basu

9:00-9:15  Managing Acute liver failure with associated AKI and CRRT: The 5 'H' approach
Ian Baldwin

9:15-9:30  Cytokine storms and Blood Purification: When and How
Claudio Ronco

9:30-9:45  Q&A - Live Discussion

9:45-10:30  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

10:30-10:45  Break
### SESSION III: EMERGING CONCEPTS IN AKI AND RRT (continued)

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| 11:00-12:45pm| **Plenary 6 - MINI-SYMPOSIAS**<br>*Novel Strategies in AKI Management*
|              | *Co-Chairs:* Li Yang and Michael Zappitelli<br>*11:00-11:15 RAAS agents in AKI: Friend or Foe?*<br>Vincent Wu<br>*11:15-11:30 Applying Artificial Intelligence for AKI management: Are we ready*<br>Jay Koyner<br>*11:30-11:45 Glutamine for preventing AKI*<br>Alex Zarbock<br>*11:45-12:00 Strategies for prevention of CA-AKI: Recommendations from the NKF consensus conference*<br>Paul Palevsky<br>*12:00-12:15 Health economics of AKI improvement - An argument for adoption?*<br>Nick Selby<br>*12:15-12:45 Q&A - Live Discussion*<br>12:45 Adjourn |
| 1:00-2:00pm  | **TOPICAL SYMPOSIAS - Group 3A (CME Available)**<br>*TH1* Imaging Techniques in Critically Ill Patients with Kidney Disease<br>*Moderators:* Mitch Rosner and Anitha Vijayan<br>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.<br>  - **Contrast based imaging: when and how to use** - Paul Palevsky<br>  - **Prediction models for contrast induced AKI: Do they work?** - Neesh Pannu<br>  - **New imaging techniques in AKI** - Nick Selby<br>*TH2* Managing the Patient with Cancer and AKI<br>*Moderators:* Marlies Ostermann and Linda Awdishu<br>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.<br>  - **Evaluation of renal function in cancer patients** - Emmanuel Burdmann<br>  - **Anticipating and mitigating nephrotoxicity of anti cancer drugs** - Mitch Rosner<br>  - **Bone marrow transplant associated AKI** - Stuart Goldstein<br>*IND* Additional Session Offered (Non-CME, see page 5 or website for details)<br>2:15-3:15pm **TOPICAL SYMPOSIAS - Group 3B (CME Available)**<br>*TH3* Managing Electrolyte and Acid Base Problems in the ICU<br>*Moderators:* Ashita Tolwani and Michael Connor<br>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.<br>  - **Hypo and hypernatremia: Achieving balance** - Lennar Yessayan<br>  - **Correcting metabolic acidosis; When is RRT needed?** - Kianoush Kashani<br>  - **Managing hyperkalemia: what are the options?** - Javier Neyra<br>*TH4* Withholding and Withdrawing Care: Ethical Issues in the ICU<br>*Moderators:* Rajit Basu and Mitra Nadim<br>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 principles and practical application of palliative care in managing critically ill patients.<br>  - **RRT in the ICU: When can (should) you say no?** - Lynette Cederquist<br>  - **Shared Decision Making in the ICU: Principles and Practice** - Sean Bagshaw<br>  - **When enough is enough: offering palliative care** - TBD<br>3:15pm Adjourn
FRIDAY MORNING, MARCH 5

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

10:30: 10:45  Break

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