

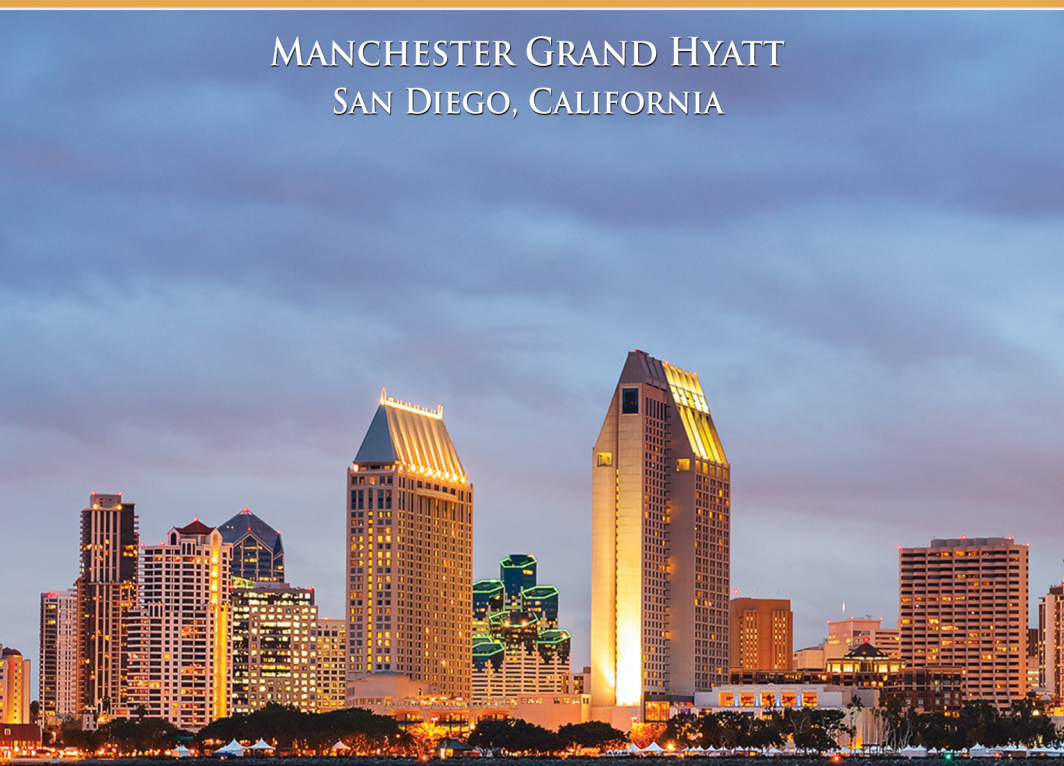
THE 31ST INTERNATIONAL CONFERENCE ON
ADVANCES IN CRITICAL CARE NEPHROLOGY

AKI & CRRT 2026

Updates in ICU Medicine: Controversies, Challenges and Solutions

MARCH 29 - APRIL 1, 2026

MANCHESTER GRAND HYATT
SAN DIEGO, CALIFORNIA



CRRTONLINE.COM

Abstract Deadline:
December 12, 2025

AKI&CRRT 2026

MARCH 29 - APRIL 1, 2026

MANCHESTER GRAND HYATT

SAN DIEGO, CALIFORNIA USA

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IMPORTANT CONFERENCE DATES

Online Registration	Opens October 15, 2025
Deadline for Receipt of Abstracts (see page 6)	December 12, 2025
Notification of Abstract Acceptance	January 12, 2026
Deadline for Early Bird Registration	January 19, 2025
Pre-Registration Fees Begin	January 20, 2026
On-site Registration Fees Begin	March 1, 2026
Hotel Reservation Deadline	March 5, 2026
Pre-Conference Elective CRRT Workshop (see page 4)	March 28 & 29, 2026
Pre-Conference Elective NEXUS Workshop (see page 20)	March 28, 2026
Pre-Conference Elective POCUS Workshop (see page 4)	March 29, 2026
Pre-Conference Elective AKI Symposium (see page 21)	March 29, 2026
Digital Poster Viewing Begins	March 29, 2026
Plenary and Standard Workshop Sessions	March 30 - April 1, 2026

FACULTY (partial list)

Ayşe Arickan, MD,
Houston, TX, USA

David Askenazi, MD, MSPH
Birmingham, AL USA

Linda Awdishu, PharmD, MAS
La Jolla, CA USA

Sean Bagshaw, MD, MSc
Edmonton, AL CANADA

Ian Baldwin, RN
Melbourne, AUSTRALIA

William Beaubien-Souligny, MD
Montreal, Qu CANADA

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

Vincenzo Cantaluppi, MD
Novara, NO ITALY

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

Rajasekara Chakravarthi, MD, DNB
Hyderabad, TE INDIA

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

Michael Connor, MD
Atlanta, GA USA

Akash Deep, Professor
London, Lo UK

Jean Deschamps, Professor
Cleveland, OH USA

Katrina Eggleston, MSN, RN, CNN
Calera, AI USA

Lui Forni, MD, PhD, JFICMI
Guildford, UK

Dana Fuhrman, DO, MS
Pittsburgh, PA USA

Pranav Garimella, MD
San Diego, CA USA

Stuart Goldstein, MD
Cincinnati, OH USA

Hernando Gomez, MD, PhD
Pittsburgh, PA, USA

Mark Hepokoski, MD
La Jolla, CA USA

Faeq Hussain-Syed, MD, PhD
Frankfurt, GERMANY

Michael Hutchens, MD
Portland, OR, USA

Michael Joannidis, Professor, MD
Innsbruck, AUSTRIA

Pinelopi P. Kapitsinou, MD
Philadelphia, PA USA

Kianoush Kashani, MD, MS
Rochester, MN USA

Manish Kaushik, MD
Singapore, SINGAPORE

Ashish Khanna, MD, MS, FCCP, FCCM, FASA
Winston Salem, NC USA

SeJoong Kim, Professor
Seongnam, Gy SOUTH KOREA

Jay Koyner, MD
Chicago, IL USA

Matthieu LeGrand, MD, PhD
San Francisco, CA USA

Nuttha Lumlertgul, MD, PhD
Bangkok, Ba THAILAND

Jose Maximino Costa, MD, PhD
Porto, PORTUGAL

Ravindra Mehta, MBBS, MD, DM, FACP
La Jolla, CA USA

Gita Mehta, MD
La Jolla, CA USA

Shina Menon, MD
Palo Alto, CA USA

Dennis Moledina

Theresa Mottes, MSN, RN, CPNP-AC, CDN
Chicago, IL USA

Patrick Murray, MD
Dublin, D7 IRELAND

Raghavan Murugan, MD, MS, FRCP
Wexford, PA USA

Mitra Nadim, MD, FASN
Los Angeles, CA USA

Javier Neyra, MD, MS
Homewood, AL USA

Christian Nussbag, MD
Heidelberg, Ba GERMANY

Marlies Ostermann, MD, PhD
London, Gr UNITED KINGDOM

Neesh Pannu, MD, PhD
Edmonton, CANADA

Samir Parikh, MD
Boston, MA USA

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Paris, FRANCE

Peter Pickkers, MD, PhD
Nijmegen, NETHERLANDS

Katie Plomaritas, BSN, RN
Ann Arbor, MI USA

Vedran Premuzic, MD, PhD
Zagreb, CROATIA

John Prowle, MA, MD, FFICM, FRCP
London, UK

Heather Przybyl, DNP, RN
Phoenix, AZ USA

Thiago Reis, MD
Brasilia, Di BRAZIL

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Claudio Ronco, MD
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New York, NY USA

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Melbourne, AUSTRALIA

David Selewski, MD
Charleston, SC USA

Prabheleen Singh, MD
San Diego, CA USA

Danielle Soranno, MD
Indianapolis, IN USA

Nattachai Srisawat, MD, PhD
Bangkok, Ba THAILAND

Natalja Stanski, MD
Cincinnati, OH USA

Katalin Suztak, MD
Chicago, IL USA

Pedro Teixeira, MD
Albuquerque, NM USA

Ashita Tolwani, MD
Birmingham, AL USA

Volker Vallon, MD
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Gianluca Villa
Florence, ITALY

Keith Wille, MD
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Parker Wilson, MD

Vincent Wu, MD, PhD
TAIPAI, TA TAIWAN

Li Yang, MD
Beijing, CHINA

Lenar Yessayan, MD, MS
Ann Arbor, MI USA

Alex Zarbock, MD
Munster, NR GERMANY

Dong Zhou, MD
Farmington, CT USA

GENERAL INFORMATION

Visit our website for the most current program information, abstract submission, online registration and online hotel reservations. www.crrtonline.com

CONFERENCE DATES AND LOCATION

The inclusive dates for all scientific sessions of the **THIRTY FIRST INTERNATIONAL AKI & CRRT CONFERENCE** are March 29 - April 1, 2026. The Conference will be held at the Manchester Grand Hyatt, 1 Market Place, San Diego, CA 92101, Tel: (619) 232-1234. Online Reservations are available directly with the hotel by using Hotel Reservations link on the conference website. Group reservations of 5 or more rooms need to contact the conference admin directly at 858-272-1018.

REGISTRATION INFORMATION

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

All participants must register and pay the appropriate fee. *Fee includes* access to all Plenary Sessions, Standard Workshops, Morning Symposia, Exhibit Area, Welcome Reception & Poster Sessions (Mon.), Exhibit Reception & Poster Sessions (Tue.), CME Accreditation, Conference Syllabus (digital media), two Lunches (Tue. & Wed.), and all conference coffee breaks. Conference Registration Fee **DOES NOT** include Elective Events on Saturday or Sunday. Registration check-in will begin on Saturday, March 2, 2026. Poster Viewing will begin on Sunday evening March 29, 2026. For additional registration times see the program. **See website for Virtual Options.**

REGISTRATION FEES

	Early Bird On or before Jan. 19, 2026	Pre-Registration Jan. 20 thru Feb. 28, 2026	Registration Mar. 1 thru Apr. 1, 2026
Physicians/Other (MD, PhD, etc.)	\$ 945	\$ 1,045	\$ 1,100
<i>With Unlimited Multimedia Package</i>	\$ 1,245	\$ 1,345	\$ 1,400
Nurses/Dieticians/Allied Pharmacists/Residents*/Fellows*	\$ 665	\$ 775	\$ 820
<i>With Multimedia Package</i>	\$ 965	\$ 1,075	\$ 1,120
Industry	\$ 945	\$ 1,045	\$ 1,100
<i>With Multimedia Package</i>	\$ 1,245	\$ 1,345	\$ 1,400

*with letter of verification from department head

CME CERTIFICATE FEE

\$50

Includes credits for Conference Sessions, CRRT Basics Workshop and POCUS Workshop

PRE-CONFERENCE ELECTIVE SYMPOSIUM & WORKSHOP FEES

CRRT Basics	\$ 375	\$ 395	\$ 420
POCUS Workshop	\$ 405	\$ 425	\$ 450
AKI Symposium	\$ 375	\$ 395	\$ 420
AKI Symposium w/o full conference reg.	\$ 435	\$ 455	\$ 480
Nexus Pediatric Workshop	\$ 75	\$ 75	\$ 75

MEET THE EXPERT BREAKFAST SESSIONS

(with registration) **\$60**

These breakfast sessions (choose from 2 on Tue., Wed. & Thur.) allow participants to meet and interact with internationally renowned experts in an informal setting over breakfast. See pages 12, 16 and 19 for titles and faculty.

ONLINE MULTIMEDIA PRESENTATIONS

(with registration) **\$300**

Free with 3 night conference hotel stay! See website for details.

We will record all **7 PLENARY SESSIONS** and select symposia for post-conference viewing online. Add this package to your registration to review presentations in a state-of-the-art format that includes streaming audio and video, and synchronized slides.

PRE-CONFERENCE ELECTIVE EVENTS

ELECTIVE CRRT WORKSHOP *(see page 3 for fees)* *2 Day Workshop!*

SATURDAY & SUNDAY, MARCH 28 & 29 *(CME Available for fee, limited enrollment)*

Practice Based Learning in CRRT: The Science and the Art

Saturday 1:30pm-6:00pm, Sunday 8:00am-5:30pm

See full description and program on pages 9 & 10.

(includes PM break Saturday and Sunday breaks & lunch - full CRRT Conference Registration Required)

ELECTIVE NEXUS WORKSHOP

(see page 3 for fees)

SATURDAY, MARCH 28 *(Non-CME, limited enrollment)*

Introduction to the NEXUS - Pediatric Collaboratives

Saturday 1:00pm-6:15pm

See full description and program on page 20.

(includes breaks and dinner - full CRRT Conference Registration Required)

ELECTIVE POCUS WORKSHOP

(see page 3 for fees)

SUNDAY, MARCH 29 *(CME Available for fee, limited to 40 participants)*

Point of Care Ultrasound (POCUS): Science and Practice

Sunday 8:00am-4:30pm

See full description and program on page 11.

(includes lunch, AM & PM breaks - full CRRT Conference Registration Required)

ELECTIVE AKI SYMPOSIUM

(See page 3 for fees. Full AKI & CRRT 2026 conference registration is NOT required)*

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

SUNDAY, MARCH 29 *(Non-CME, limited enrollment)*

Changing Paradigms in AKI: From Mechanisms to Management

7:55am-5:30pm

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. See full program on page 21. *(includes lunch, AM & PM breaks)*

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

ELECTIVE MEET THE EXPERTS *(see page 3 for fees)*

These elective breakfast sessions allow participants to meet and interact with internationally renowned experts in an informal setting over breakfast. This is an excellent opportunity to ask questions, learn how these experts manage patients, get guidance for projects and network.

Choose from 2 on Monday, Tuesday and Wednesday - 7:00-8:00am. See program for details

ADDITIONAL OPTIONAL SESSIONS (*Non-CME*)

These informative sessions are held during breakfast or lunch time periods.
Seating is **LIMITED** for these sessions - Selection made during registration. All are *Non-CME*

MONDAY MORNING, March 30

7:00-8:00am

INDUSTRY BREAKFAST SYMPOSIUM - *Non-CME*

TBD

MONDAY AFTERNOON, March 30

12:30-2:00pm

INDUSTRY LUNCH SYMPOSIA - *Non-CME*

TBD

TUESDAY MORNING, March 31

7:00-8:00am

INDUSTRY BREAKFAST SYMPOSIUM - *Non-CME*

TBD

TUESDAY AFTERNOON, March 31

12:30-2:00pm

INDUSTRY LUNCH SYMPOSIA - *Non-CME*

TBD

ABSTRACT INFORMATION

DEADLINE FOR RECEIPT OF ABSTRACTS: December 12, 2025

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

GENERAL INFORMATION

1. The abstract must be written in English.
2. Deadline: Abstracts **MUST BE RECEIVED** no later than **December 12, 2025**.
3. **Online abstract submissions are required. See website for details: www.crrtonline.com**
4. Primary authors must pay the registration fee and attend the meeting. Authors of accepted abstracts are not provided with travel funds.
5. All accepted abstracts will be published and distributed electronically in the CRRT Conference Syllabus. Hardcopy syllabus booklets will be available for purchase during the conference. Abstracts and digital posters (if submitted) will also be published online at: www.crrtonline.com
6. Notification of acceptance will be emailed by **January 12, 2026**.
7. **PLEASE NOTE: Primary author must be registered for the Conference in order to have Digital Poster displayed and Abstract published. Conference registration by February 16, 2026 is required. Failure to register by that date will cause a withdrawal of your abstract.**

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, nurses and allied professionals who submit a poster abstract to be presented at the CRRT Conference by December 12 are eligible to apply for Registration and Travel Awards for the conference. Awards will be based on the quality and relevance of the research as judged by the abstract review committee. **Awards will be provided based on availability of funds.** Award recipients are required to be present at their poster session on Sunday, March 29 and Monday, March 30, 2026.

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

CRITERIA FOR GRANTS AND/OR AWARDS

1. Submit a poster abstract (via CRRT web site) and present a poster in the topics covered in the CRRT conference at the Poster Sessions: Sunday, March 29 and Monday, March 30, 2026.
2. Fellows must be currently enrolled in an accredited fellowship program in their host country.
3. Submit a signed letter (*same time as abstract*) from their program director verifying their current status in the program. **NOTE:** Signed letter must be faxed or emailed to CRRT administration office (fax: 1-858-272-7687 or res@crrtonline.com) **on the same date** as submission of abstract. Abstracts submitted without dated faxed letter will not be accepted for Grants.
4. Designate request for financial support on the CRRT website abstract application form.
5. Fellows must attend an offered workshop.

SUBMISSION

1. Notification of acceptance will be emailed by **January 12, 2026** with additional information regarding poster file submission and presentation of your **digital poster - no printed posters**.
2. For additional information or if you are unable to complete an online submission contact:

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

Phone: 858-272-1018
Fax: 858-272-7687
Email: crrt@res-inc.com

Website: crrtonline.com

SOCIAL ACTIVITIES (*Non-CME*)

Welcome Reception and Poster Sessions

Sunday, March 29, 2026

5:30-7:30pm

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

Exhibit Reception and Poster Session

Monday, March 30, 2026

6:00-8:00pm

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

CME INFORMATION

LEARNER OBJECTIVES

The CRRT conference provides a comprehensive review of advances in clinical care, research and technology in critical care medicine with a focus on the kidney and renal support techniques. The conference is designed to facilitate interdisciplinary interactions among caregivers involved in the management of patients in intensive care units. Physicians, nurses, pharmacists, nutritionists and other allied personnel from industry have opportunities to learn from each other. The conference utilizes a combination of invited lectures; case based small group workshops, debates, hands on interactive 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

TBD

NEEDS ASSESSMENT

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

TARGET AUDIENCE

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

CME INFORMATION

CME CREDIT

The following sessions are being reviewed for CME Credit:

SATURDAY & SUNDAY, MARCH 28 & 29, 2026

ELECTIVE: Practice Based Learning in CRRT: The Science and the Art - WORKSHOP

SUNDAY, MARCH 29, 2026

ELECTIVE: POCUS WORKSHOP

MONDAY, MARCH 30, 2026

MEET THE EXPERT SESSIONS, MORNING SYMPOSIA

SESSION I: PATIENT CHARACTERISTICS

GROUP 1 - WORKSHOPS, GROUP 2 - WORKSHOPS

TUESDAY, MARCH 31, 2026

MEET THE EXPERT SESSIONS, MORNING SYMPOSIA

GROUP 3 - WORKSHOPS

SESSION II: CONTROVERSIES IN CRITICAL CARE NEPHROLOGY

SESSION III: EMERGING CONCEPTS IN AKI AND RRT

WEDNESDAY, APRIL 1, 2026

MEET THE EXPERT SESSIONS, MORNING SYMPOSIA

SESSION IV: IMPROVING OUTCOMES IN AKI

SESSION V: FUTURE TRENDS IN CRRT AND CRITICAL CARE

FACULTY DISCLOSURE

It is the policy of University of California San Diego School of Medicine Continuing Professional Development to ensure that the content of accredited continuing education and related materials is accurate, balanced, objective, and scientifically justified. Education must be free of the influence or control of ineligible companies, and protect learners from promotion, marketing, and commercial bias. All persons in a position to control the content of accredited continuing education must disclose all financial relationships held with ineligible companies, prior to assuming a role in the activity. Those relationships deemed relevant to the education are mitigated prior to the activity through one of the following strategies, depending on the nature of relationship and the role of the person: 1) divesting the financial relationship, 2) altering the individual's control over content, and/or 3) validating the planning decisions and/or content through independent peer review. All relevant financial relationships are mitigated prior to the activity and mitigation strategies and necessary steps for implementation are communicated to individuals prior to them assuming their role in the activity. Persons who refuse or fail to disclose are disqualified from participating in the activity. Activities are evaluated by participants and peer reviewers to determine if the content was free of bias and met acceptable scientific standards. This information is considered in future activity planning. **All relevant financial relationships and the nature of those relationships are noted below. All relevant financial relationships have been mitigated.**

CULTURAL AND LINGUISTIC COMPETENCY

Continuing medical education (CME) providers are required by state Assembly Bills 1195 and 241, and the standards created by the California Medical Association (CMA), to include components that address cultural and linguistic competency and implicit bias in CME activities. The planners and presenters of this activity has been asked to provide meaningful consideration of these standards in the selection and presentation of content. Additional information and resources are available on the UC San Diego CME website (cpd.ucsd.edu)

CANCELLATION POLICY

If your registration must be cancelled, your fee, less \$100 U.S. for administrative costs, will be refunded upon your written request. No refunds will be made after **March 7, 2026**. Allow 6-8 weeks for refund.

CONFERENCE OFFICE

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

CONTACT INFO

RES / AKI & CRRT 2026

Phone: 858-272-1018

Fax: 858-272-7687

Email: crmt@res-inc.com

Website: www.crrtonline.com

AKI & CRRT 2026 PROGRAM

SATURDAY, MARCH 28

12:00pm-7:30pm Conference Registration Open

PRE-CONFERENCE ELECTIVE WORKSHOP

(Non-CME)

NEXUS Workshop

1:00-7:00pm

Please see page 20 for details and schedule

PRE-CONFERENCE ELECTIVE WORKSHOP

(CME Available except for Session 5, see page 3 for elective workshop fees)

Practice Based Learning in CRRT: The Science and the Art

This workshop is designed to provide participants with the knowledge and understanding for the effective utilization of CRRT to manage critically ill patients. Session 1 on Saturday focuses on the fundamentals of CRRT including the components, operational characteristics and characteristics, solute and fluid management and monitoring. Session 2 on Sunday 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

SATURDAY AFTERNOON, March 28 - SESSION 1 *(all workshop attendees)*

1:30pm-6:00pm **CRRT PRINCIPLES** - *CME Available*

1:30-1:45pm **Opening Remarks** - Ashita Tolwani, Jorge Cerda

2:00-2:30 **Access, Membrane, Circuit** - Manish Kaushik

2:30-3:00 **Choosing the Right Tool - CRRT Machine and Modality Selection** - Jorge Cerda

3:00-3:30 **From Prescription to Bedside: CRRT Rx and Dose Delivery** - Javier Neyra

3:30-4:00 **The ABC of Extracorporeal Ultrafiltration** - Claudio Ronco

4:00-4:15 *Coffee Break*

4:15-4:45 **Solutions and Fluid Balance** - David Selewski

4:45-5:15 **Anticoagulation** - Ashita Tolwani

5:15-5:45 **Panel Discussion** - All speakers

5:45pm **Adjourn** *(Resume Sunday Morning)*

SUNDAY MORNING SCHEDULE ON FOLLOWING PAGE

Practice Based Learning in CRRT: The Science and the Art

Continued from Saturday afternoon

SUNDAY MORNING, March 29 - SESSION 2

Physician Track	Nurses Track
8:00-8:30 Patient Selection: Who Should Be on CRRT - Jorge Cerda	8:00-8:30 Machine Monitoring: What's Important? - Katrina Eggleston
8:30-9:00 De-escalating and Transitioning RRT Manish Kaushik	8:30-9:00 Fluid Removal When and How Theresa Mottes
9:00-9:30 Management of Dysnatremias Lenar Yessayan	9:00-9:30 Early Mobilization and Rehabilitation - Ian Baldwin
9:30-10:00 Drug Dosing and Adjustments Linda Awdishu	9:30-10:00 Integration with Hybrid Systems Katie Plomaritas
10:00-10:20 <i>Coffee Break</i>	10:00-10:20 <i>Coffee Break</i>
10:20-10:50 Adjusting Nutrition Michael Connor	10:20-10:50 Nursing Education: What's Needed - Heather Przybyl
10:50-11:20 Management of Acid-base Disorders - Lenar Yessayan	10:50-11:20 QI: Nursing Sensitive Indicators Theresa Mottes
11:20-11:40 Developing Quality Measures for CRRT Delivery - Javier Neyra	11:20-11:40 CRRT in Procedural Areas and OR - Katrina Eggleston
11:40-12:00 Hemadsorption and CRRT Claudio Ronco	11:40-12:00 Multidisciplinary Teams: Nurse-Led Rounding - Ian Baldwin
12:00-1:00pm <i>Lunch Hosted by Conference for Workshop Participants</i>	

SUNDAY AFTERNOON, March 29 - SESSION 3 - WORKSHOPS

Physician Track	Nurses Track
1:00-1:30 Session 1 Anticoagulation Delivery, Monitoring, and Circuit Patency <i>Practice setting up and running anticoagulation (heparin and citrate) on CRRT machines, monitor anticoagulation effectiveness, and apply strategies to prevent circuit clotting and prolong filter life.</i> Ashita Tolwani and Lenar Yessayan	1:00-1:30 Session 1 Escape Room Katie Plomaritas and Heather Przybyl
1:30-2:00 Session 2 Designing the CRRT Prescription and Building the Order Set <i>Develop a CRRT prescription at the bedside, select modality, dose, anticoagulation, and fluid goals, and translate the plan into a complete EMR/machine order set while coordinating with nursing, pharmacy, and ICU teams.</i> Javier Neyra and David Askenazi	1:30-2:00 Session 2 On-line CRRT Simulator Demonstration Theresa Mottes and Ian Baldwin
2:00-2:30 Session 3 Dose Delivery and Fluid Balance Management <i>Use CRRT machine settings to achieve prescribed effluent dose, adjust for interruptions or patient changes, and manage net ultrafiltration goals.</i> Michael Connor and David Selewski	2:00-2:30 Session 3 VR Demonstration/Participation Heather Przybyl and TBD
2:30-3:00 Session 4 Advanced Monitoring, Alarm Management, and Therapy Integration <i>Learn advanced strategies for troubleshooting persistent machine alarms, optimizing monitoring in complex cases, and integrating CRRT with other extracorporeal therapies such as ECMO, ECCOR, and apheresis.</i> Keith Wille and Manish Kaushik	2:30-3:00 Session 4 Transitioning Modalities (CRRT, SLED, PIRRT, IHD) Katrina Eggleston, Katie Plomaritas

SUNDAY AFTERNOON, March 29 (all workshop attendees) - **NON-CME**

3:15pm-5:30pm Please see page 20 for SESSION 4 Schedule

PRE-CONFERENCE POCUS WORKSHOP *(CME Available w/ fee)*

(CME Available, limited to 40 participants, see page 3 for elective workshop fees)

Point of Care Ultrasound (POCUS): Science and Practice

This course is designed for nephrology and critical care providers to learn the basics of Point-Of-Care Ultrasound with a specific focus on frequent pathologies found in acutely ill patients. This workshop will include brief didactic sessions and hands-on sessions. At the end of this workshop, the trainees will have basic knowledge about indications for POCUS, normal/abnormal findings, and how this can be integrated in the evaluation of the patients. The aim is to provide the introductory practical skills necessary to continue their training autonomously. A quiz will be administered pre- and post-course for assessment.

New for this year: Advanced POCUS Track

For attendees with basic knowledge and experience with the use of Point-Of-Care ultrasound, we provide an advanced learning pathway this year. Please indicate your interest for the advanced training pathway during registration.

Faculty: W. Beaubien-Souligny; K. Kashani; R. Wald; J. Deschamps; D Fuhrmann; A Sakhuja; P. Teixeira

Learning Objective - The core focus on this course is as follows:

- 1. Cardiac:**
 - A. Qualitative assessment of chamber size and systolic function;
 - B. Identification of severe valvulopathy;
 - C. Assessment of pericardial fluid and tamponade physiology
- 2. Thoracic:**
 - A. Qualitative assessment of pleural effusion size and characteristics;
 - B. Identification of pneumothorax;
 - C. Assessment of alveolar consolidation and interstitium
- 3. Abdominal:**
 - A. Identification of kidney and bladder and assessment of kidney size and echogenicity, and evaluation of urinary obstruction;
 - B. Identification of intraperitoneal fluid;
 - C. Qualitative assessment of abdominal aorta size
- 4. Hemodynamic and Fluid Evaluation:**
 - A. Inferior vena cava visualization and assessment;
 - B. Venous Doppler assessment;
 - C. Estimating stroke volume / cardiac output
- 5. Vascular and Vascular Access:**
 - A. Patency and caliber of main veins for catheter placement

Schedule - Participants will be allocated into groups of 4 and will rotate through each of 5 stations to review the principles of image identification and interpretation and get hands-on experience with the ultrasound probes.

8:00-8:20am	Welcome and Pre-quiz
8:20-8:45	Introduction to Basics of Lung Ultrasound
8:45-9:15	Lungs: Hands-on (group 1) / Image Review Session (group 2)
9:15-9:45	Lung Part 2 (group switch)
9:45-10:00	<i>Coffee Break</i>
10:00-10:20	Introduction to Basic Echocardiography
10:20-10:50	Heart: Hands-on (group 1) / Image Review Session (group 2)
10:50-11:10	Heart Part 2 (group switch)
11:10-12:00	Simulation exercises on heart and lung POCUS & Vascular access ultrasound
12:00-1:00	<i>Lunch Hosted by Conference for Workshop Participants</i>
1:00-1:20	Introduction to Abdominal and Renal Ultrasound
1:20-1:50	Abdomen: Hands-on (group 1) / Image Review Session (group 2)
1:50-2:20	Abdomen Part 2 (group switch)
2:20-2:40	<i>Coffee Break</i>
2:40-3:00	Introduction to Fluid Status Assessment: Putting it all together
3:00-3:30	Fluid Assessment: Hands-on (group 1) / Image Review Session (group 2)
3:30-4:00	Fluid Assessment 2 (group switch)
4:00-4:30	Simulation exercises: POCUS mini-championship
4:30	Adjourn

ELECTIVE AKI SYMPOSIUM

Presented by UAB/UCSD O'Brien Center for AKI Research - *NON-CME*

Changing Paradigms in AKI: From Mechanisms to Management

7:55am-5:30pm *See page 21 for full schedule*

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

MONDAY MORNING, MARCH 30

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

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

Session 1 (ME1) - How do I use Hemadsorption in My Practice
Claudio Ronco and Thomas Rimmelé

Session 2 (ME2) - How do I Monitor Quality for CRRT in my ICU
Theresa Mottes and Javier Neyra

7:00-8:00am **MORNING SYMPOSIA - (CME Available for A and B)**
(Seating is LIMITED, selection made during registration, coffee served)

Morning Symposium A

ECOS Techniques and Application in the ICU

Emily See and Thiago Reis (Moderators)

Several techniques have now emerged for extracorporeal organ support and are now widely used, often alongside standard CRRT. This symposium will cover the rationale, indications and strategies for practical application.

Hemadsorption - Thomas Rimmelé

Extracorporeal CO2 Removal - Faeq Husain-Syed

Mechanical Circulatory Support - Keith Wille

Morning Symposium B

Citrate Anticoagulation for CRRT: How to use it

David Askenazi and Linda Awdishu (Moderators)

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 symposium will discuss the best approaches for utilizing RCA for CRRT.

RCA Mechanism and Technique - Ashita Tolwani

Redefining Contraindications to Citrate - Akash Deep

Troubleshooting Ionized Hypocalcemia in RCA for CRRT - Lenar Yessayan

SESSION I: PATIENT CHARACTERISTICS (CME Available)

8:20-10:30am **Plenary 1 - MINI-SYMPOSIA**
CME Available **Organ Dysfunction in the Critically Ill Patient: Emerging Concepts**

Co-Chairs: Emily See and John Prowle

8:20-8:30 **Opening Remarks**

Ravindra L Mehta

8:30-8:45 **Vasodilatory Shock:**

Mechanisms and Pathophysiology

Ashish Khanna

8:45-9:00 **Immunostimulation in Critically Ill**

Didier Payen

9:00-9:15 **Ventilator-Kidney Interactions in Critical Illness**

Mark Hepokoski

9:15-9:30 **Liver Kidney Cross Talk**

Akash Deep

9:30-9:45

Delirium in ICU:

Cause for Concern?

Sean Bagshaw

9:45-10:00

Extending the Golden

Hour in Shock:

Autonomous Resuscitation

Hernando Gomez

10:00-10:30

SPECIAL LECTURE

The Last Generation of Doctors

Who Trained Without AI / The

Rise of the AI-Era Physician:

Healer, Architect,

Commander-in-Chief

Azra Bihorac

10:30-11:00

Coffee Break / Faculty Picture

MONDAY MORNING, MARCH 30

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
These Standard Workshops are designed for smaller groups and allow for more interaction between presenters and attendees. Ample time is available for Q&A.

CME Available for All 4 Workshops

Workshop Tracks

A: Biomarkers; B: CRRT Technique; C: Critical Care Topics ; D: Organ Support

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

- A01 Enhancing Communication in the Workplace: Addressing Conflict and Uncertainty (C,N,AP)**
Patients' emotional responses to illness, along with clinicians' reactions, are central to healthcare communication. Strong emotions significantly influence decision-making and clinical outcomes. Recognizing, validating, and managing negative emotions in patients is crucial. This workshop will provide brief didactics and reflections, share strategies for empathic communication, and explore ways to maintain our own emotional regulation. *(G. Mehta, Fuhrman)* Limited to 30 participants
- B02 Plasma Exchange in Critically Ill Patients: Who, When and How (A,N,AP)**
Plasma exchange (PE) is increasingly utilized in the ICU with CRRT and other extracorporeal techniques. This workshop will describe the best approaches for applying PE in critically ill patients and explore merging opportunities for managing patients with hybrid therapies. *(Sanchez, Premuzic, Menon)*
- C03 Assessment of Fluid Responsiveness, Hemodynamic Monitoring and Targets (C,N)**
Determining which patient needs fluids, what type, when and how much will be addressed in this workshop which will cover the principles and strategies for volume assessment with point of care ultrasound and hemodynamic monitoring in critically ill patients. *(Souligny, Deschamps, Pickkers)*
- 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, Deep, Arickan)*

MONDAY AFTERNOON, MARCH 30

12:30-2:00pm **LUNCH SYMPOSIA - (Non-CME)**

(Seating is LIMITED, selection made during registration, lunch provided by conference.

Please note, these are the only lunch options provided on Monday.

- M1 Onco Nephrology: Practical Considerations in Managing AKI in Patients with Cancer**
The number of anticancer drugs are increasingly expanding and commonly cause kidney injury. This symposium will discuss how to prevent drug nephrotoxicity, doses of anticancer medicines and manage patients who develop AKI in the setting cancer therapy.

Moderators: Patrick Murray and Linda Awdishu

AKI after Allogeneic Stem Cell Transplantation – Jose Maximino Costa

AKI in Setting of Checkpoint Inhibitors – Dennis Moledina

Use of ECOS Therapies for AKI in Oncology Patients – Vedran Premuzic

- M2 De-escalating and Transitioning RRT: Best Practices**

The practice of transitioning between RRT modalities and discontinuing RRT varies widely across different centers. Due to a lack of guidelines, care delivery often relies on subjective assessments of the patient's condition. This symposium will explore the evidence for weaning patients from acute RRT and discuss the transition between different RRT modalities

Moderators: Sean Bagshaw and Ashita Tolwani

Modality Transitions for RRT: What do I do – Manish Kaushik

Discontinuation of RRT - When and How – Lui Forni

Liberation off CRRT - Strategies to Optimize Care in Children – Shina Menon

I1 Additional Luncheon Session Offered *(Non-CME)* see page 5 for details

I2 Additional Luncheon Session Offered *(Non-CME)* see page 5 for details

STANDARD WORKSHOPS - GROUP 2 (CME Available)

CME Available for All 4 Workshops

2:00-3:30pm GROUP 2 - SIMULTANEOUS STANDARD WORKSHOPS (choose one)	
A05 Enhancing Communication in the Workplace: Giving and Receiving Feedback (C,N,AP)	This session will provide an opportunity to discuss feedback in the learning environment, address challenges in receiving and giving feedback, and highlight a shift toward a coaching approach. We will discuss communication skills for delivering actionable and learner-centered feedback, and strategies for providing difficult feedback in challenging situations. (G Mehta, Ostermann) Limited to 30 participants
B06 CRRT Challenge Bowl: Test Your Knowledge with Real-World Cases (I,N,AP)	This fast-paced, problem-based workshop will engage participants in a series of real-world CRRT scenarios presented in a multiple-choice format. Using audience response technology, attendees will apply their knowledge of modality selection, troubleshooting, anticoagulation, fluid management and electrolyte disorders in critically ill patients receiving CRRT. (Tolwani, Yessayan)
C07 Starting, Transitioning and Stopping CRRT: Strategies for Success (C,N,AP)	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. (Mehta, Lumlertgul)
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. (Rimmelle, Reis, Legrand)

3:30-4:00pm *Coffee Break*

SESSION I: PATIENT CHARACTERISTICS - continued (CME Available)

4:00-6:00pm Plenary 2 - MINI-SYMPOSIA	5:00-5:15 Hepatorenal Syndrome: Disordered Physiology or Iatrogenic Failure
<i>CME Available</i> Acute Kidney Injury (AKI): Pathophysiology	Mitra Nadim
<i>Co-Chairs:</i> Patrick Murray and Danielle Sorrano	5:15-5:30 Does Hypotension Really Cause AKI?
4:00-4:15 Neonatal and Pediatric AKI: What have we learned?	Matthieu Legrand
Shina Menon	5:30-5:45 Acute Renal Success: The Importance of Tubulo Glomerular Feedback
4:15-4:30 Acute TubuloInterstitial Nephritis: Recognition and Management	Volker Vallon
Dennis Moledina	5:45-6:00 ADQI 35: Implementation of Evidence Based Practice in AKI
4:30-4:45 Renal Functional Reserve and AKI: What we Need to Know	Javier Neyra
Claudio Ronco	
4:45-5:00 Multimodal Kidney Disease Profiling in Cardiorenal Syndrome	6:00pm Adjourn
Faeq Hussain-Syed	6:00-8:00pm EXHIBIT RECEPTION AND POSTER SESSION

TUESDAY MORNING, MARCH 31

7:00am-6:00pm Conference Registration Open

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

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

Session 3 (ME3) - Practical Steps to Train (and Become) an AI-Era Physician

Azra Bihorac and Ankit Sakhuja

Session 4 (ME4) - How Do I Use AKI Biomarkers in My Practice?

Jay Koyner and Alex Zarbock

7:00-8:00am **MORNING SYMPOSIA - (CME Available for C and D)**

(Seating is LIMITED, selection made during registration, coffee served)

Symposium C - Improving Care for Patients After Hospitalization for AKI

Pedro Texiera and Harin Rhee *(Moderators)*

AKI is a complex disease that requires multidisciplinary interventions however most patients who are hospitalized with an episode of AKI do not have systematic follow up or targeted interventions to improve recovery and mitigate the effects of the disease. This session will provide guidance on patient centered approaches to improve the management and outcomes of patients with AKI.

Developing a Post-AKI Follow-up Clinic - Real-Life Experience - Javier Neyra

Barriers to Effective Patient Education and Follow-up in AKI Recovery - Jorge Cerda

Post-Hospitalization Care of Patients with AKI Requiring Dialysis - Neesh Pannu

Symposium D - CRRT Nursing Protocols and Best Practices: Standardizing

Nursing Care to Optimize CRRT delivery and Patient Safety

Katie Plomaritas and Katrina Eggleston *(Moderators)*

This session will revise the essentials for a CRRT policy but also consider what and how this should be for the Digital and Live Network domains of acute health care where paper is over and e-prescribing is the future with e-policy. CRRT policies are designed for local needs and the resources available but best Worlds practice and evidence is necessary.

The CRRT Policy: What to Include, Ideas for Best Practice and Success - Ian Baldwin

Expanding upon Educational Foundations for Training Staff - Heather Pryzbyl

Addressing Barriers for Performance Improvement - Theresa Mottes

STANDARD WORKSHOPS - GROUP 3 (CME Available)

CME Available for All 4 Workshops

8:15-9:45am **GROUP 3 - SIMULTANEOUS STANDARD WORKSHOPS (choose one)**

A09 Pediatric AKI and RRT: Beyond the Basics (I,N,AP)

This workshop will highlight the epidemiology and best practices for AKI management and CRRT, peritoneal dialysis and tandem therapies application in neonates and children.

(Plomaritas, Askenazi, Fuhrman)

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. *(Murugan, Mehta, Selewski)*

C11 Adapting CRRT for Patients with Electrolyte and Acid Base Problems (A)

Acid base and electrolyte problem are commonly encountered in critically ill patients and are often the reason for initiating CRRT. This symposium will discuss three common situations in ICU patients and provide guidance on best practices for recognition and management. *(Forni, Prowle, See)*

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, Ronco, Chakravarthi)*

9:45-10:15am *Coffee Break*

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

10:15am-12:30pm **Plenary 3 - MINI-SYMPOSIA**

CME Available **Challenges in ICU Management**

Co-Chairs: Mark Hepokoski and Akash Deep

10:15-10:30 **Protein Intake in Critical Illness: Does it Matter?**

Sean Bagshaw

10:30-10:45 **AKI in the Oncological ICU: Challenges and Management**

Jose Maximino Costa

10:45-11:00 **Goal Directed Fluid Therapy: Do we Know What to Do?**

Lui Forni

11:00-11:15 **Optimizing Vasopressin use in Septic Shock - Do we Have all the Answers Yet?**

Ashish Khanna

11:15-11:30 **SGLT2 Inhibitors Management in Surgical and Critically Ill Patients**
Matthieu Legrand

11:30-11:45 **Amino Acids in Cardiac Surgery**
Emily See

11:45-12:15 **SPECIAL LECTURE**
San Diego AKI & CRRT Award
Translating Discoveries to Enhance Management in AKI
Title/Speaker TBD

12:15-12:30 **Top Abstract Awards**

12:30-2:00pm **LUNCH SYMPOSIA - (Non-CME)**

(Seating is LIMITED, selection made during registration, lunch provided by conference.

Please note: At this time, these are the only lunch options provided on Tuesday.)

T1 Personalizing Management in Critical Care Nephrology: Are We There yet?

This symposium will explore the evolving landscape of personalized management in critical care nephrology, examining how clinical subphenotyping and precision medicine are advancing personalized care. Strategies for identifying patient subtypes and tailoring ICU therapies will be discussed, highlighting both current progress and ongoing challenges.

Moderators: Hernando Gomez and Nuttha Lumlertgul

Role of Individualised Haemodynamic Resuscitation - Marlies Ostermann

Subphenotyping in AKI: Principles and Application - Michael Joannidis

Phenotyping 2.0: Do we have a Solution? - Peter Pickkers

T2 Emerging AI Tools in the ICU: Opportunities and Challenges for Clinical Practice

AI tools like ChatGPT are reshaping healthcare, offering instant access to clinical knowledge, automated summaries, and informed decision support at the bedside. This symposium invites participants to explore how these cutting-edge technologies are changing ICU care, tackling real-world challenges, and unlocking new opportunities to improve patient outcomes

Moderators: Jay Koyner and Neesh Pannu

Transforming Medicine for a World That Thinks Back: Version Control for Real-Time Intelligence, Ambient Awareness, and Digital Twin Futures - Azra Bihorac

From Prediction to Prescription: Harnessing AI for Decision-Making in Critical Care Nephrology - Ankit Sakuja

Can AI Help in Education and Training in the ICU? - Kianoush Kashani

I3 - Additional Luncheon Session Offered *(Non-CME)* see page 5 for details

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

2:00-3:45pm **Plenary 4 - MINI-SYMPOSIA**

CME Available

Special Session:

2026 KDIGO AKI Guidelines

Co-Chairs: Jorge Cerda and Nuttha Lumertgul

2:00-2:15 **Definitions, Diagnosis and Staging**

Marlies Ostermann

2:15-2:30 **Risk Assessment**

Rolando Claure Del-Granado

2:30-2:45 **Prevention and Management**

Alex Zarbock

2:45-3:00 **Renal Support**

Nattachai Srisawat

3:00-3:15 **Drug Management**

Patrick Murray

3:15-3:30 **Post AKI Follow Up**

Neesh Pannu

3:30-3:45 **Pediatric AKI**

Ayşe Arıkan

3:45-4:00 **Panel Discussion**

4:00-4:30 *Coffee Break*

4:30-6:15pm **Plenary 5 - MINI-SYMPOSIA**

CME Available

Challenges and Controversies in Renal Support and CRRT

Co-Chairs: Michael Connor and Li Yang

4:30-4:45 **Extracorporeal Support Beyond**

CRRT in Acute Liver Failure

Akash Deep

4:45-5:00 **Fluid Balance Reimagined:**

Hemodynamic Monitoring and

Ultrafiltration Precision

Ravindra Mehta

5:00-5:15 **Precision Volume Management in**

CRRT: Insights from

Bioimpedance and Biomarkers

Sejong Kim

5:15-5:30 **Dynamic Prescription of CRRT**

Ready for Prime Time?

John Prowle

5:30-5:45 **ADQI 36: CRRT in ECLS**

David Selewski

5:45-6:15

Jeopardy Session

6:15

Adjourn - Free Evening

Mark Your Calendar!!!

AKI&CRRT 2026

March 29 - April 1, 2026

Manchester Grand Hyatt San Diego, California



Also - SAVE the 2027 Dates MARCH 8-11, 2027

WEDNESDAY MORNING, APRIL 1

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

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

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

Session 5 (ME5) - How Do I Run Regional Citrate Anticoagulation in My Practice?

Ashita Tolwani and Akash Deep

Session 6 (ME6) - How Do I Manage the Patient with Septic AKI?

Marlies Ostermann and Didier Payen

7:00-8:00am **MORNING SYMPOSIA - (CME Available for E & F)**

(Seating is LIMITED, selection made during registration, coffee served)

Symposium E

Advances in Mechanical Circulatory Support and Implications for RRT

Mark Hepokoski and Natalja Stanski *(Moderators)*

This symposium will review the technological advances in mechanical circulatory devices and their influence on renal function and describe practical aspects for RRT adjustments when these are used.

Temporary Mechanical Circulatory Support and the Kidney - Jean Deschamps
eCPR and CRRT: Does it Help? - Alex Zarbock

Adjustments in RRT During Ventricular Assist Devices - Dana Fuhrman

Symposium F

Dynamic Fluid Management: Avoiding the Pitfalls of Over- and Under-Resuscitation

Patrick Murray and David Selewski *(Moderators)*

Fluid management adjustments are integral to critical care however considerable controversy exists on how fluids should be adjusted to optimize care. This symposium will address three key issues in this field.

Fluid Management in AKI - Why Less may be More - Michael Joannidis

Utility of Lung Ultrasound, VEXUS and Bioimpedance Analysis in Volume Assessment During RRT - Nuttha Lumlertgul

When Should we Start Fluid Removal During Resuscitation? - Raghavan Murugan

SESSION IV: IMPROVING OUTCOMES IN AKI (CME Available)

8:00-10:30am **Plenary 6 - MINI SYMPOSIA**

CME Available **Global Burden of AKI**

Co-Chairs: Thiago Reis and David Askenazi

8:00-8:15 **Infections and AKI: A Global Perspective and Future Challenges**

Rolando Claure-Del Granado

8:15-8:30 **SIN-AKI Study: The Real-life Analysis of AKI in Italian Hospitals**

Vincenzo Cantaluppi

8:30-8:45 **Global Perspectives in AKI: What's Keeping us from a Treatment?**

Jorge Cerda

8:45-9:00 **Pediatric AKI and Growth Impairment**

Danielle Sorzano

9:00-9:15 **Drug Exposures: Concerns in Kidney Safety**

Harin Rhee

9:15-9:30 **Achieving Competency with CRRT: Where are we in 2026?**

Ian Baldwin

9:30-9:45 **AKD Care Redefined: Diabetes, Hypertension, and Strategies for Long-Term Health**

Vincent Wu

9:45-10:00 **Spectrum of AKI in China**

Li Yang

10:00-10:15 **Quality Improvement in Acute Dialysis: Challenges and Opportunities**

Theresa Mottes

10:15-10:30 **Global Health and Equity in AKI and CRRT Management: Bridging the Care Gap**

Raj Chakaravarthi

10:30-11:00 *Coffee Break*

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

11:00am-1:00pm **Plenary 7 - MINI SYMPOSIA**

CME Available **Emerging Strategies in AKI and Extracorporeal Support**

Co-Chairs: Sejoong Kim and Michael Connor

11:00-11:15 **CRRT in ECMO Patients: Should We Integrate or Separate the Circuit?**

Nattachai Srisawat

11:15-11:30 **Precision Medicine in CRRT: Bedside Monitoring of Effective Delivered Dose**

Gianluca Villa

11:30-12:35 **Update from Ongoing and Late Breaking Trials**

8-10 minutes each

1. Probe-Fluid Trial

William Beaubien-Souligny

2. The LIMIT Trial

Sean Bagshaw

3. The Ketzerei Trial

Alex Zarbock

4. The REACT Shock Trial

Pedro Teixeira

5. HERICC Registry

Vedran Premuzic

6. RELIEVE-AKI Trial

Raghavan Murugan

7. TIGRIS Trial

TBD

8. AFTER-AKI Trial

Neesh Pannu

12:35-12:55 **Critical Care Nephrology:**

Literature Review

Kianoush Kashani

12:55-1:00

Closing Remarks

Ravindra L. Mehta

Chairman

1:00pm

Conference Adjourns

Make your hotel reservations early at crrtonline.com

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

1-619-232-1234



SATURDAY, MARCH 28

12:00pm-7:30pm Conference Registration Open

PRE-CONFERENCE ELECTIVE WORKSHOP

(*Non-CME, see page 3 for elective workshop fees*)

NEXUS

Progress to improve care for children with critical care nephrology related illnesses continues. To continue a movement towards collaborative innovation, education, and study, the NEXUS is a symposium to focus the global approach to care for critically ill neonates and children. NEXUS is a joint session between all pediatric critical care nephrology care providers, industry partners, and thought leaders in the spaces of diagnostics, therapeutics, advocacy, and education.

SATURDAY AFTERNOON, March 28

Schedule/Faculty TBD

SUNDAY AFTERNOON, MARCH 29

PRE-CONFERENCE ELECTIVE WORKSHOP

(*see page 3 for elective workshop fees*)

Practice Based Learning in CRRT: The Science and the Art

(*Non-CME Portion*)

Continued from Sunday Afternoon (page 10)

SUNDAY AFTERNOON, MARCH 29 - SESSION 4 - *NON-CME*

3:15pm-5:30pm INTERACTIVE TRACKS

These sessions will have adult and pediatric tracks to familiarize attendees with the available CRRT machines. Participants will be guided on user inter-faces, learn how to set up for different modalities and adjust and monitor for therapy delivery based on the prescription. Machines connections for combination therapies with ECMO, apheresis and adsorption techniques will be shown. *This Session is Non-CME*

3:15pm-4:45pm CRRT Equipment Demonstrations Simultaneous - Breakout Sessions

(*select one*)

Room #1: Vantive PRISMAX

Ashita Tolwani, Michael Connor, Katrina Eggleston and Heather Przybyl

Room #2: Fresenius NxStage / MultiFiltrate Pro

Lenar Yessayan, MD and TBD (multiFiltrate Pro) and TBD (NxStage)

Room #3: Pediatric Systems - Aquadex, Carpediem, Prismax

David Selewski, David Askenazi, Theresa Mottes, Katie Plomaritas

4:45pm-5:30pm CRRT MASTER CLASS

In this session participants will be allocated to teams and given a case scenario for which they have to determine an appropriate prescription for CRRT and program the machine to deliver the therapy.

5:30 **Adjourn**

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

PRE-CONFERENCE AKI SYMPOSIUM (Non CME)

(see page 3 for elective symposium and workshop fees)

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

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

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

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

PLENARY 1 The Discovery Pipeline: Molecules, Mechanisms and Targets

Non-CME *Co-Chairs: Volker Vallon and Alex Zarbock*

8:00-8:20 **Single Cell Sequencing and Spatial Profiling in AKI** - Parker Wilson

8:20-8:40 **DNA Damage Repair in AKI** - Katalin Suztak

8:40-9:00 **Metabolic Control of Tubular Cell Function** - Didier Payen

9:00-9:20 **Assessment of Renal Functional Reserve in Experimental Models** - Danielle Sorrano

9:20-9:40 **Fibroblasts in AKI: Small Army, Big Help** - Dong Zhou

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

10:00-10:15 *Coffee Break*

PLENARY 2 Bench to Bedside: Translating Discoveries to Clinical Care

Non-CME *Co-Chairs: Samir Parikh and Prabhleen Singh*

10:15-10:35 **Targeting Endothelial Metabolism to Enhance Kidney Repair** - Pinelopi P. Kapitsinou

10:35-10:55 **Complement Activation and Senescence in AKI** - Vincenzo Cantaluppi

10:55-11:15 **Metabolomic Profiling in AKI: What can we Learn?** - Christian Nussbag

11:15-11:35 **Nanotherapeutic Kidney Cell Specific Targeting for AKI** - Michael Hutchens

11:35-11:55 **Cardiorenal System Protection: Lessons from the Bench** - Volker Vallon

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

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

PLENARY 3 Emerging Strategies for AKI Studies

Non-CME *Co-Chairs: Peter Pickkers and Mark Hepokoski*

1:15-1:35 **Harnessing NAD Metabolism as a Therapeutic Target** - Samir Parikh

1:35-1:55 **Urine Oxygen Tension: A Physiologic Marker for AKI** - Nuttha Lumertugul

1:55-2:15 **Integrating Renal Functional Reserve and Biomarker Trajectories** - Faeg Hussain-Syed

2:15-2:35 **Subphenotypes in Sepsis Associated AKI: Will they Help?** - Natalja L. Stanski

2:35-2:55 **Role of Real World Data and Observational Cohorts** - TBD

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

3:15-3:30 *Coffee Break*

PLENARY 4 Evolving Paradigms: Lessons from Ongoing Trials

Non-CME *Co-Chairs: Neesh Pannu and Matthieu Legrand*

3:30-3:50 **Hierarchical Endpoints in AKI Trials** - Dana Fuhrman

3:50-4:10 **Is AI your Co-PI?** - Ankit Sakhuja

4:10-4:30 **Common Federated Data in the ICU (CLIF)** - Jay Koyner

4:30-4:50 **Kidney Health Assessment as a Longitudinal Ordinal Outcome** - John Prowle

4:50-5:10 **Challenges in AKI Trials: A View from the Industry** - TBD

5:10-5:30 **Discussion**

5:30 **Adjourn**

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