

AKI Path | Room Giotto

SESSION 1 | AKI in Different Settings
Chairmen: J. Kellum | M. Joannidis

- 14.30 AKI as a worldwide burden *R. L. Mehta*
- 14.50 AKI in Cardiac Surgery *A. Zarbock*
- 15.10 AKI in sepsis *R. Bellomo*
- 15.30 AKI in Onco-hematology *M. Rosner*
- 15.50 AKI in ICU *M. Joannidis*
- 16.10 AKI from Lab perspective *J. Lieske*
- 17.25 Endophenotypes of AKI *J. Kellum*
- 17.45 ADJOURN

CRRT Path | Room Tiziano

SESSION 1 | Basics of CRRT
Chairmen: A. Tolwani | W. Clark

- 14.30 Evolution of CRRT devices and machines *C. Ronco*
- 14.50 Vascular Access for CRRT *Z. Ricci*
- 15.20 Anticoagulation in CRRT *A. Tolwani*
- 15.50 Mechanisms of solute and water transport *C. Ronco*
- 16.20 Membranes for CRRT *W. Clark*
- 16.50 CRRT Modalities *T. Rimmelé*
- 17.20 CRRT fluid balance and composition *R. Bellomo*
- 17.40 Discussion
- 18.00 ADJOURN

Room Giotto

17.45 Industry-Sponsored Lecture

Room Palladio

18.30 Opening Ceremony
18.45 International Vicenza Award
19.00 The University of Padova across the centuries *R. Rizzuto*
19.30 Welcome Reception

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SESSION 2 | UVA - IRRIV session: AKI in Transplant & Cancer
Chairmen: M. Rosner | A. Brendolan

- 08.10 AKI in the Late Post-Transplant Period *A. Doyle*
- 08.30 AKI in the Early Post-Transplant Period *K. Warburton*
- 08.50 AKI in the Cancer Patient *M. Rosner*
- 09.10 Peritoneal Dialysis in the Patient with AKI *S. Khan*
- 09.30 Discussion
- 09.40 BREAK

SESSION 3 | KDIGO-IRRIV Session: KDIGO Guidelines and Controversies

- Chairmen: L. Forni | J. Kellum*
- 10.00 What's changed since the last KDIGO AKI guideline? *M. Ostermann*
 - 10.15 Diagnostic and nomenclature controversies *K. Kashani*
 - 10.30 Fluids and drugs *J. Prowle*
 - 10.45 RRT Controversies *R. Bellomo*
 - 11.00 What's next? *J. Kellum*
 - 11.20 Discussion

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SESSION 2 | Clinical Aspects of CRRT
Chairmen: S. Bagshaw | V. Cantaluppi

- 08.10 When and how I prescribe CRRT *R. L. Mehta*
- 08.30 Initiation and discontinuation of CRRT *S. Bagshaw*
- 08.50 Quality indicators in CRRT *C. Ronco*
- 09.10 Clotting or bleeding what is worse? *R. Bellomo*
- 09.30 Discussion
- 09.40 BREAK

SESSION 3 | Practical Management of CRRT
Chairmen: S. De Rosa | G. Villa

- 10.00 CRRT: what are the unsolved issues? *S. Bagshaw*
- 10.20 Acid Base and Electrolyte correction *P. Honoré*
- 10.40 Choice of CRRT modality *S. Romagnoli*
- 11.00 Convection or diffusion? The evidence *Z. Ricci*
- 11.20 Discussion

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10.00 When and How to prescribe RRT in AKI *R. L. Mehta & A. Zarbock*
10.45 Diagnosing and managing aHUS and kidney complications *F. Fabris & D. J. Askenazi*

Room Canova

11.30 Industry-Sponsored Symposium 1

Room Giotto

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11.30 Industry-Sponsored Symposium 1

13.00 LUNCH

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SESSION 4 | ADQI - IRRIV session: Quality Measures and Prevention in AKI

- Chairmen: M. Haase | K. Kashani*
- 15.00 Quality Standards to prevent AKI *A. Lewington*
 - 15.20 AKI risk modification quality indexes *A. Zarbock*
 - 15.40 Quality of care and safety measures after AKI *A. Bihorac*
 - 16.00 Quality of care and safety for Acute Kidney Disease *J. Koyner*
 - 16.20 Discussion
 - 16.30 BREAK

SESSION 5 | AKI Biomarkers

- Chairmen: M. Plebani | T. Rimmelé*
- 17.00 FAQs on AKI biomarkers *J. Kellum*
 - 17.20 AKI Biomarkers in cardiac patients *P. A. McCullough*
 - 17.40 Biomarker-driven preventive actions *A. Zarbock*
 - 18.00 How do I use AKI biomarkers *L. Forni*
 - 18.20 Discussion
 - 18.30 ADJOURN

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SESSION 4 | CCH - IRRIV session: Pediatric AKI
Chairmen: S. Goldstein | E. Vidal

- 15.00 Pediatric AKI: Epidemiology and Outcomes *S. Sutherland*
- 15.20 AKI in Neonates: Epidemiology and Outcomes *D. J. Askenazi*
- 15.40 Acute RRT in the Pediatric Setting *Z. Ricci*
- 16.00 Moving Forward with AKI Treatment in Children: Risk Stratification and Biomarker Integration to Direct Care *S. Goldstein*
- 16.20 Discussion
- 16.30 BREAK

SESSION 5 | CCCN - IRRIV session: Kidney Frailty

- Chairmen: J. Kellum | V. Cantaluppi*
- 17.00 Detecting the frail kidney with RFR *F. Husain-Syed*
 - 17.20 Kids have frail kidneys too *D. Furhman*
 - 17.40 Managing the frail kidney with CRRT *R. Murugan*
 - 18.00 Cellular mechanism of kidney frailty *D. Emler*
 - 18.20 Discussion
 - 18.30 ADJOURN

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13.30 Industry-Sponsored Symposium 2

Room Giotto

13.30 Industry-Sponsored Symposium 2

Room Canova

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15.00 How to manage fluids in AKI and RRT *R. Bellomo & M. Ostermann*
15.45 Managing anticoagulation in CRRT *A. Tolwani & G. Villa*

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SESSION 6 | Organ Interactions and AKI (ADQI consensus)
Chairmen: M. Joannidis | M. Maggioreini

- 08.10 Lung & kidney *F. Husain-Syed*
- 08.30 Mechanical ventilation ECMO & kidney support *A. Shaw*
- 08.50 Mechanisms for hepato-renal syndrome *L. Juncos*
- 09.10 Hepato-renal syndrome *P. Angeli*
- 09.30 Discussion
- 09.40 BREAK

SESSION 7 | CRSA - IRRIV Session: Cardio-Renal Interactions and AKI
Chairmen: P. A. McCullough | S. Iliceto

- 10.00 Cardio-Renal interactions and Renal Functional Reserve *J. Rangaswami*
- 10.20 Contrast Induced AKI *P. A. McCullough*
- 10.40 Anemia and Hyperkalemia management in Cardio-Renal patients *E. Lerma*
- 11.00 Ultrafiltration for congestive heart failure *A. Kazory*
- 11.20 Discussion

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SESSION 6 | Clinical Management of CRRT
Chairmen: M. Bell | G. Grandaliano

- 08.10 Dose prescription in CRRT *J. Prowle*
- 08.30 Dose delivery versus dose prescription *R. L. Mehta*
- 08.50 Ensuring accurate fluid balance *R. Murugan*
- 09.10 Treatment monitoring and data collection *M. Bell*
- 09.30 Discussion
- 09.40 BREAK

SESSION 7 | Managing Complications of CRRT
Chairmen: J. Prowle | P. Honoré

- 10.00 10 False Beliefs in CCN *Z. Ricci*
- 10.20 Preserving circuit patency in CRRT *A. Tolwani*
- 10.40 Membrane and Filter related problems *W. Clark*
- 11.00 Clinical complications and management *M. Ostermann*
- 11.20 Discussion

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10.00 AKI in pregnancy *G. Ankawi & A. Bihorac*
10.45 Extracorporeal endotoxin removal for sepsis *C. Ronco & T. Rimmelé*

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11.30 Industry-Sponsored Symposium 3

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11.30 Industry-Sponsored Symposium 3

13.00 LUNCH

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SESSION 8 | SEPSIS and AKI 2019
Chairmen: F. Fabris | C. Ronco

- 15.00 Sepsis in 2018 *E. Hoste*
- 15.20 General management of the septic patient *M. Ostermann*
- 15.40 Extracorporeal Therapies in Sepsis *T. Rimmelé*
- 16.00 Sequential therapy approach in Sepsis *C. Ronco*
- 16.20 Discussion
- 16.30 BREAK

SESSION 9 | Mayo Clinic - IRRIV Session

- Chairmen: K. Kashani | E. Lerma*
- 16.45 Real time GFR *S. Goldstein*
 - 17.05 Renal Functional Reserve *V. Cantaluppi*
 - 17.25 NOACS & KIDNEY *L. Di Lullo*
 - 17.45 Biomarkers of progression to CKD *G. Castellano*
 - 18.05 Discussion
 - 18.15 ADJOURN

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SESSION 8 | Acute Extracorporeal Therapies
Chairmen: J. Prowle | D. J. Askenazi

- 15.00 New Membranes (from ViTE functionalization to endotoxin/cytokine adsorption) *C. Ronco*
- 15.20 Coupled Plasma Filtration Adsorption *V. Cantaluppi*
- 15.40 High Cut off Membranes *G. Villa*
- 16.00 Lipoprotein Apheresis and cardiovascular disease *R. Klingel*
- 16.20 Discussion
- 16.30 BREAK

SESSION 9 | Acute Extracorporeal Therapies

- Chairmen: T. Rimmelé | V. Cantaluppi*
- 16.45 Adsorption Techniques *G. Ankawi*
 - 17.05 Is online fluid preparation Feasible? *W. Clark*
 - 17.25 Ultrafiltration for heart failure *A. Kazory*
 - 17.45 Apheresis in acute patients *D. J. Askenazi*
 - 18.05 Discussion
 - 18.15 ADJOURN

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13.30 Industry-Sponsored Symposium 4

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15.00 CO2 removal: indications and technology *M. Maggioreini & F. Husain-Syed*
15.45 How to use biomarkers in clinical routine *J. Kellum & M. Haase*