



SCIENTIFIC PROGRAM



40TH
VICENZA
COURSE

on AKI & CRRT
special edition

June 14-16, 2022



@vicenzacourse

PLENARY ROOM 12.30 45' [Industry-Sponsored Session](#)



PLENARY ROOM 13.15 30' [Industry-Sponsored Session](#)



PLENARY ROOM 13.45 5' [Industry-Sponsored Session](#)



PLENARY ROOM 13.50 5' [Industry-Sponsored Session](#)



PLENARY ROOM 13.55 5' [Industry-Sponsored Session](#)



Chairs: *R. Mehta - A. Tolwani*

AKI&SEPSIS (state of the art)

14.00 AKI in sepsis: mechanisms, phenotype and biotype

R. Bellomo

14.10 Sepsis and AKI: where are we?

S. De Rosa

14.20 Discussion

AKI worldwide

14.30 Snapshot on AKI worldwide

J. Prowle

14.40 AKI Risk : susceptibility, exposures and mitigators

M. Nadim

14.50 Discussion

BASICS OF CRRT

15.00 Mechanisms of Transport in CRRT

V. Narsimhan

15.10 CRRT Membrane structure and function

A. Brendolan

15.20 Discussion

BIOMARKERS

15.30 Can we use biomarkers to guide AKI management?

M. Ostermann

15.40 Can we use biomarkers to manage CRRT?

L. Forni

15.50 Discussion

PREVENTION of AKI and RECOVERY PATTERNS

16.00 Clinical patterns of recovery from AKI

L. Forni

16.10 Pathophysiological patterns of recovery from AKI

M. Okusa

16.20 Discussion

BASICS OF ANTICOAGULATION

16.30 Principles and theory of anticoagulation

A. Tolwani

16.40 Heparin and citrate based anticoagulation in practice

G. Villa

16.50 Discussion

PLENARY ROOM 17.00 45' Industry-Sponsored Session



PLENARY ROOM 17.45 30' [Opening Ceremony](#)



PLENARY ROOM 12.30 45' [Industry-Sponsored Session](#)



PLENARY ROOM 13.15 30' [Industry-Sponsored Session](#)



PLENARY ROOM 13.45 15' [Industry-Sponsored Session](#)



PLENARY ROOM 14.00 15' [Industry-Sponsored Session](#)



Chairs: *H. Gomez - D. Fuhrman*

PERSISTENT AKI

- 14.00 Persistent AKI, a clinical and mechanistic fork in ICU patients
- 14.10 Persistent AKI: The precision medicine project
- 14.20 Discussion

*S. Samoni
R. Murugan*

ADSORPTION, A NEW FRONTIER IN BLOOD PURIFICATION

- 14.30 Rationale for the use of adsorption in critical care medicine
- 14.50 Hemoperfusion: mechanisms, indications and applications
- 15.00 Discussion

*G. Ankawi
T. Rimmelé*

DIGITAL HEALTH AND AKI

- 15.10 Using digital health of post-AKI management
- 15.20 Barriers in implementation and maintenance of digital health for AKI
- 15.20 Discussion

*S. Bagshaw
D. Soranno*

EXTRACORPOREAL BLOOD PURIFICATION IN SEPSIS

- 15.30 Membrane-based techniques in sepsis
- 15.40 Sorbent-based techniques in sepsis
- 15.50 Sequential extracorporeal therapy in sepsis
- 16.00 Discussion

*G. Villa
C. Ronco
S. De Rosa*

AKI AND CRRT IN COVID 19: FROM FIRST WAVE TO OMICRON

- 16.10 AKI in Covid-19: short and long term consequences
- 16.20 Report from ADQI consensus on AKI in Covid-19
- 16.30 Discussion

*F. Husain-Syed
T. Reis*

AKI and CRRT in PEDIATRICS

- 16.40 AKI in pediatrics and transition to CKD
- 16.50 CRRT in pediatrics: an update
- 17.00 Neonatal CRRT technology and outcomes
- 17.10 Discussion

*S. Goldstein
Z. Ricci
C. Slagle*

PLENARY ROOM 17.25 30' [Industry-Sponsored Session](#)



PLENARY ROOM 17.55 15' Industry-Sponsored Session



PLENARY ROOM 12.30 45' [Industry-Sponsored Session](#)



PLENARY ROOM 13.15 30' [Industry-Sponsored Session](#)



PLENARY ROOM 13.45 15' [Industry-Sponsored Session](#)



Chairs: *M. Ostermann - A. Zarbock*

AKI BIOLOGY

14.00 Transplant AKI in times of COVID-19

A. Nishio Lucar

14.10 Cell Death and Clearance during AKI

S. Morioka

14.20 Pulsed Ultrasound to treat Inflammation and AKI

F. Husain-Syed

14.30 Discussion

BIOMARKERS IN CLINICAL PRACTICE

14.40 Biomarkers of Drug-induced Acute Kidney Injury

P. Murray

14.50 Biomarkers to differentiate functional versus intrinsic AKI

S. Duff

15.00 Implementation of AKI biomarkers in clinical practice

J-M. Côté

15.10 Discussion

APHERESIS AND EXTRACORPOREAL ORGAN SUPPORT

15.20 Emerging Trends in Extracorporeal Therapies (Apheresis) for AKI in Sepsis *R. Balogun*

15.30 Immunoadsorption as a treatment options for neurological autoimmune disease

S.C. Boedecker-Lips

15.40 Organ ex vivo perfusion for transplantation & marginal organ recovery *A. Bertacco*

15.50 Discussion

ECOS

16.00 Circulatory effects of hemoperfusion

C. Ince

16.10 Extracorporeal Lung support

A. Combes

16.20 Extracorporeal Liver support

M. Nadim

16.30 Discussion

QUALITY MEASURES in AKI & CRRT

16.40 Digital Health Transformation and Implementation in AKI

N. Pannu

16.50 Quality Indicator and Best Practice Implementation in Acute RRT

O. Rewa

17.00 STARRT-AKI secondary studies and clinical implications

S. Bagshaw

17.10 Discussion

FLUID OVERLOAD MANAGEMENT

17.20 Fluid overload: when diuretics fail

N. Aspromonte

17.30 Current practice of extracorporeal fluid management

A. Kattah

17.40 Discussion

CONCLUSION