

35th Vicenza Course on AKI & CRRT

June 13-16, 2017
Fiera di Vicenza Congress Center

June 13, 2017

Room Trissino

JOINED SESSION IRRIV/ ITALIAN SOCIETY OF NEPHROLOGY

Chairmen: L. Gesualdo – G.B. Capasso

11.00 Selected Poster Presentation

13.00 Lunch

INTERNATIONAL VICENZA COURSE: SATELLITE SYMPOSIA

Room Palladio

14.00 - 15.15 Industry - Sponsored satellite Symposium 1

15.30 - 16.45 Industry - Sponsored satellite Symposium 2

17.00 - 18.15 Industry - Sponsored satellite Symposium 3

Room Trissino

14.00 - 15.15 Industry - Sponsored satellite Symposium 4

15.30 - 16.45 Industry - Sponsored satellite Symposium 5

17.00 - 18.15 Industry - Sponsored satellite Symposium 6

OPENING CEREMONY

18.30 Vicenza Course: 35 years of education

18.45 International Vicenza Award

19.00

19.30 *Welcome Reception*

C. Ronco

T. Ghidini

June 14, 2017

SESSION 1 - THE SPECTRUM OF ACUTE KIDNEY DISEASE

Chairmen: A. Shaw – S. Goldstein

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| 8.10 AKI pathophysiology | <i>R. Bellomo</i> |
| 8.30 AKI: From Clinical to Molecular diagnosis | <i>C. Ronco</i> |
| 8.50 The Concept of Acute Kidney Disease (AKD) | <i>L. Chawla</i> |
| 9.10 Pathways towards Kidney Recovery after AKI | <i>J. Kellum</i> |
| 9.30 The kidney response to AKI: Myths and Facts | <i>P. Romagnani</i> |
| 9.50 From AKI to CKD: maladaptive repair or inevitable destiny? | <i>G. Castellano</i> |
| 10.10 Discussion | |
| 10.30 <i>Coffee Break and Visit to the Exhibition</i> | |

SESSION 2 - FLUID MANAGEMENT IN THE CRITICALLY ILL

Chairmen: M. Joannidis – M. Pinsky

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| 10.50 Fluid Management and AKI | <i>R. Mehta</i> |
| 11.10 Personalized organ perfusion pressure targets during resuscitation | <i>M. Pinsky</i> |
| 11.30 Results of the DoReMiFa Study: implications on RRT timing | <i>M. Ostermann</i> |
| 11.50 Assessment of fluid status and The hemodynamic navigator | <i>T.B.A.</i> |
| 12.10 Use of diuretics | <i>R. Bellomo</i> |
| 12.30 Managing overhydration with mechanical Ultrafiltration | <i>M. Ostermann</i> |
| 12.50 Discussion | |
| 13.00 <i>Lunch and Visit to the Exhibition</i> | |

13.15 - 14.15 Industry- Sponsored satellite Lunch Symposium - Fresenius Medical Care

SESSION 3 - JOINED SESSION IRRIV/MAYO CLINIC

Chairmen: K. Kashani – A. Pani

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| 14.30 Vasopressin-2 receptor blockers: Mechanism of Action and Clinical Utility | <i>Qi Qian</i> |
| 14.50 Evolution of AKI biomarkers and AKI alert systems | <i>K. Kashani</i> |
| 15.10 Acidosis in AKI and CKD | <i>Qi Qian</i> |
| 15.30 Potassium Disorders and dyschloremia in AKI and CRRT | <i>K. Kashani</i> |
| 15.50 The importance of a Nephrology Rapid Response Team | <i>C. Ronco</i> |
| 16.10 Reducing AKI incidence using a KDIGO bundle | <i>A. Zarbock</i> |
| 16.30 <i>Coffee Break and Visit to the Exhibition</i> | |

SESSION 4 -

Chairmen: C. Ronco

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| 16.50 Lecture: Mechanical Ventilation as a driver of Multi-System Organ Failure: Critical Care and Nephrology implications | <i>A. Slutsky</i> |
| 17.30 Critical Care Nephrology Case Presentation | <i>R. Bellomo- J. Kellum & C</i> |
| 18.30 <i>Adjour</i> | |

June 15, 2017

SESSION 5 - AKI, SEPSIS AND HUS

Chairmen: T.B.A.

8.00	The sepsis story in 2017	<i>T.B.A.</i>
8.20	AKI in sepsis	<i>R. Bellomo</i>
8.40	Meaning of Biomarkers and Extracellular vesicles	<i>V. Cantaluppi</i>
9.00	Hepato renal Syndrome	<i>M. Nadim</i>
9.20	AKI and HUS	<i>A. Jorres</i>
9.40	Fluids for shock: time for a change?	<i>A. Shaw</i>
10.00	Discussion	
10.20	<i>Coffee Break and Visit to the Exhibition</i>	

SESSION 6 - AKI in SEPSIS : MANAGEMENT STRATEGIES

Chairmen: T.B.A.

10.40	Sorbents: from bench to bedside	<i>C. Ronco</i>
11.00	Endotoxin Removal in Sepsis and AKI	<i>C. Ronco</i>
11.20	CPFA: promises and results	<i>T.B.A.</i>
11.40	Protective role of sorbents and high cut-off membranes on tubular cell injury	<i>V. Cantaluppi</i>
12.00	Experience with Cytosorb device	<i>S. Mitzner</i>
12.20	Extracorporeal membrane separation techniques for sepsis	<i>W. Clark</i>
12.40	Discussion	
13.00	<i>Lunch and Visit to the Exhibition</i>	
13.15 - 14.15	Industry - Sponsored satellite Lunch Symposium	

SESSION 7 - JOINED SESSION IRRIV/UNIVERSITY OF VIRGINIA

Chairmen: M. Rosner – C. Ronco

14.30	Neural control of inflammation in AKI	<i>M. Okusa</i>
14.50	Iron and Innate Immunity in AKI: Promising Therapeutic Targets	<i>S. Swaminathan</i>
15.10	AKI in the Patient with Cancer: imaging and biomarkers	<i>M. Rosner</i>
15.30	Fluids or no fluids; assessing volume responsiveness in the critically ill	<i>K. Kalantari</i>
15.50	Anti-inflammatory/Anti-oxidant extracorporeal support	<i>C. Ronco</i>
16.10	Discussion	
16.30	<i>Coffee Break and Visit to the Exhibition</i>	

SESSION 8 -

Chairmen: T.B.A.

16.50	Lecture : Electrolyte disturbances and AKI in genetic and rare diseases	<i>G. Capasso</i>
17.30	Critical Care Nephrology Cases Presentation	<i>R. Bellomo- J. Kellum & C</i>
18.30	<i>Adjourn</i>	

June 16, 2017

SESSION 9 - PEDIATRIC AKI AND CRRT

Chairmen: T.B.A.

- 8.20 AKI in infants and children
- 8.40 Evolution of CRRT in neonates
- 9.00 How I deal with AKI in neonates

*S. Goldstein
C. Ronco
Z. Ricci*

SESSION 10 - CRRT and BEYOND

Chairmen: T.B.A.

- 9.20 Choice of Vascular Access and anticoagulation for CRRT
- 9.40 Dose and timing of CRRT according to precision medicine
- 10.00 Biomarkers of Recovery: can we predict successful CRRT discontinuation?
- 10.20 Extracorporeal CO₂ Removal: Rationale and techniques
- 10.40 Cloud-based data collection for big data generation
- 11.00 Discussion
- 11.10 *Coffee Break and Visit to the Exhibition*

*M. Schetz
S. Bagshaw
L. Forni
M. Maggiorini
C. Ronco*

SESSION 11 - NEW TECHNOLOGIES

Chairmen: V. Badhwar

- 11.30 New techniques of GFR determination
- 11.50 Biomarkers Kidney Stress Test and Renal Functional Reserve
- 12.10 How to prevent contrast-induced AKI
- 12.30 AKI Risk Assessment in Cardiac Surgery: biomarkers and beyond
- 12.50 How do we integrate new technology into cost-constrained clinical practice"
- 13.10 Discussion
- 13.30 *Lunch and Farewell*

*T.B.A.
F. Husain-Syed
T.B.A.
N. Katz
L. Forni*