



Determinazione del Responsabile Ufficio Formazione n° 996 del 31 MAG. 2016

Oggetto: Aggiornamento obbligatorio, Dirigente Medico, Dott. Pani Antonello.

Publicata all'Albo Pretorio dell'Azienda Ospedaliera a partire dal 31 MAG. 2016 per 15 giorni consecutivi e posta a disposizione per la consultazione.

Il Responsabile dell'Ufficio Formazione

- Visto** il D. Lgs. n. 502/92 e successive modificazioni ed integrazioni;
- Viste** le Leggi Regionali n. 10/2006 e n. 05/2007;
- Vista** la Deliberazione n. 263 del 04.03.2015, con la quale il commissario Straordinario ha autorizzato il Responsabile dell'Ufficio Formazione Dott. Andrea Corrias, a predisporre le Determinazioni;
- Vista** la comunicazione Prot. n° 91 del 20.04.2016, con la quale il Direttore del Dipartimento di Patologia Renale ha fatto richiesta di comando obbligatorio per aggiornamento, in favore del Dirigente Medico Dott. Pani Antonello ;
- Ritenuto** di dover autorizzare la partecipazione del Dott. Pani Antonello al Corso "34th Vicenza Course on AKI & CRRT 2016 che si terrà a Vicenza Asiago dal giorno 07.06.2016 al 13.06.2016, per un importo presunto complessivo di € 250,00 (duecentocinquanta euro) come da documentazione allegata per farne parte integrale e sostanziale;
- Considerato** che tale spesa ricadrà sul Fondo per l'aggiornamento obbligatorio Dirigenti Medici – Dipartimento di Patologia Renale - anno 2016, di cui risulta verificata la copertura finanziaria e che la liquidazione dei costi sostenuti dovrà essere effettuata previa trasmissione a cura del Dott. Pani Antonello ai competenti Uffici della documentazione giustificativa, di una relazione sull'aggiornamento e dell'Attestato di partecipazione al Corso;

%



Segue determinazione n. 996 del 31 MAG. 2016

DETERMINA

Per i motivi esposti in premessa:

1. Autorizzare la partecipazione del Dott. Pani Antonello al Corso "34th Vicenza Course on AKI e CRRT 2016" che si terrà a Vicenza Asiago dal giorno 07.06.2016 al 13.06.2016.
2. Dare atto che l'importo complessivo presunto di € 250,00 (duecentocinquanta euro) ricadrà sul Fondo per l'aggiornamento obbligatorio Dirigenti Medici – Dipartimento di Patologia Renale - fondi anno 2016, di cui risulta verificata la copertura finanziaria.
3. Disporre che la liquidazione dei costi sostenuti dal Dott. Pani Antonello venga effettuata previa trasmissione ai competenti Uffici della documentazione giustificativa, di una relazione sull'aggiornamento e dell'Attestato di partecipazione al Corso.
4. Trasmettere la presente determinazione al Direttore della S.C. del Personale per i conseguenti adempimenti.

Il Responsabile dell'Ufficio Formazione
Dott. Andrea Corrias

Prot. n. 91 del 20/04/2016

Al Sig. Direttore Generale
Al Responsabile Ufficio Formazione
Azienda Ospedaliera Brotzu

Oggetto: Richiesta Aggiornamento Obbligatorio

Si chiede che venga concesso alla/al Sig.ra/Sig. e/o alla/al Dott.ssa/Dott. ANTONELLO PANI
dipendente di codesta Azienda con la qualifica di DIRETTORE S.C. NEFROLOGIA E DIALISI
in servizio presso: Struttura COMPLESSA NEFROLOGIA E DIALISI
afferrente al Dipartimento di PATOLOGIA RENALE

di partecipare

a titolo di aggiornamento **Obbligatorio** e in considerazione dell'importanza degli argomenti trattati, al seguente evento:

Corso teorico Corso teorico/pratico Congresso Convegno Seminario Frequenza in altre Strutture Altro

Titolo dell'evento:

34° VICENZA COURSE ON AKI & CRRT 2016

Che si terrà a VICENZA dal giorno 7/06 al giorno 13/06
ASIAGO

La spesa prevista:

- Iscrizione € _____
- Viaggio € 250,00
- Vitto € _____
- Pernottamento € _____

Spesa Totale Complessiva € _____

Motivazione scientifica e professionale della richiesta:

Corso di aggiornamento internazionale di Alto livello
anche partecipazione e aderenza ad un BOARD INTERNAZIONALE
MAE di ESPERTI nell'ing. medicale.

Cordiali Saluti

Si allega: Programma Relazione

Timbro e firma _____
Direttore di Struttura

AZIENDA OSPEDALIERA "G. BROTTU" - CAGLIARI
S.C. NEFROLOGIA E DIALISI -
Direttore: Dott. Antonello Pani

Firma del Partecipante

Timbro e firma _____
Direttore di Dipartimento

AZIENDA OSPEDALIERA "G. BROTTU"
CAGLIARI
DIPARTIMENTO PATOLOGIA RENALE
DIRETTORE: Dr. Mauro Frongia

Timbro e firma _____
Responsabile Uff. Risorse Umane Di Dipartimento
(Solo per il personale del Comparto)

Timbro e firma _____
Responsabile Ufficio Formazione

AZIENDA OSPEDALIERA G. BROTTU
UFFICIO FORMAZIONE



The International Renal Research Institute of Vicenza and the Department of Nephrology of San Bortolo Hospital in Vicenza are proud to host the 17th ADQI Conference.

Scientific Secretariat
Prof. Claudio Ronco

Organization
Mrs Anna Saccardo & Mrs Marta Scabardi
New Progress Service s.r.l.
Strada Scuole Anconetta 71
36100 Vicenza - Italy
phone/fax +39 0444 753949
info@irriv.com

Venue
Meltar Hotel Asiago (Vicenza)
The hotel is located in Asiago, a small city near Vicenza

The ADQI Conference is also made possible by unrestricted grants from

Asahi Kasei Medical
Astute Medical
Baxter
BBraun
Bellco
Presenius Medical Care
Toray

AARVI, a Non-Profit Organization supporting IRRIV
(The International Renal Research Institute of Vicenza)

IRRV is a non-profit organization whose mission is to support the research conducted by the International Renal Research Institute of Vicenza. The organization is also dedicated to produce educational material and to promote meetings and conferences to improve quality of care in kidney patients.

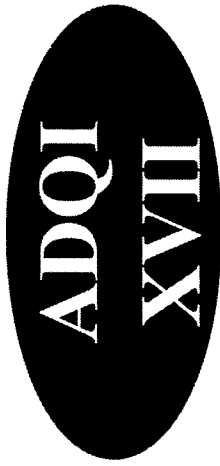
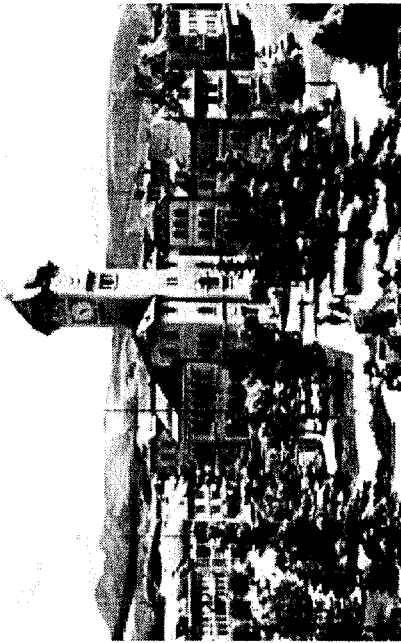
Acute Disease Quality Initiative

(Formerly the Acute Dialysis Quality Initiative)

ADQI started in response to concerns about the quality of care delivered to patients with acute kidney disease. The ADQI strategy is to follow the path of Evidence Based Medicine by first achieving a critical analysis of the evidence available. The first goal of such critical analysis is to generate several consensus statements that describe, classify and interpret the available evidence and define the issues and areas of clinical and laboratory research which require priority attention. The second goal is to achieve dissemination of such consensus statements through publication in the literature. The third goal is to use the focus and impetus provided by such statements to facilitate or conduct focused research in the field. The first meeting of ADQI took place in New York (August 2000) and sought to tackle the topic of continuous renal replacement therapy. The meeting was successful and a comprehensive consensus document was published in *Kidney International*. Targets for future research were defined and a large epidemiological study of current practice developed from the deliberations of the meeting. Since then several other meetings have defined important areas of kidney disease management particularly in the field of hospital medicine and acute illness. They can be accessed on the ADQI website www.adqi.org. ADQI has been particularly successful in generating a consensus definitions and classification systems including RIFLE (AKI), AKD and CRS. It is with these past achievements in mind that the seventeenth ADQI meeting is being convened. The goal of this meeting is to reassess evidence and advances made in the field of Continuous Renal Replacement Therapies. In particular, sixteen years after the first consensus conference, the group of experts will try to identify gaps in knowledge and required information to improve AKI care. As always the conference will review current knowledge and develop a research agenda. The conference structure includes pre-conference activities, participation in the conference and preparation of workgroup products to be published in the literature.

John A. Kellum, Rinaldo Bellomo, Claudio Ronco.

Città di Asiago
International Renal Research Institute Vicenza
Center for Critical Care Nephrology, Pittsburgh
Austin Hospital and University of Melbourne
University of Southern California at San Diego



CRRT 2016

Acute Disease Quality Initiative
A process to develop Consensus and Research Plans for
Continuous Renal Replacement Therapy

Asiago - Vicenza
June 10-13, 2016

CONFERENCE STRUCTURE

The ADQI XVII conference will apply the classic format and methodology employed in previous meetings. Prior to the conference, participants will be assigned to groups and will systematically gather the evidence in the literature on each topic. Each group will be responsible for defining the specific questions that will be addressed for each topic and for presenting evidence to the group.

The specific objective for this conference is to develop a series of consensus statements on CRRT. The methodology will include:

- Literature search for each topic (pre-conference)
- Definition of crucial questions (pre-conference)
- Assessment of available evidence (pre-conference)
- Current practice evaluation (pre-conference)
- Expert based answers to the questions (conference)
- Direction for future research (conference)
- Group summary statement & manuscript preparation
- External review of statements (post-conference)
- Publication of work-group papers (post-conference)
- Publication of full position paper (post-conference)

The selected topics and workgroups are:

- Group 1 - Patient Selection for CRRT:** Indications, timing for starting and stopping
- Group 2 - Solute Control in CRRT:** dose and modality, monitoring of delivery
- Group 3 – Technical aspects:** Membranes and filters, vascular access, anticoagulation, operations
- Group 4 – Fluid management and composition:** replacement and dialysis solutions, fluid balance

PROGRAM

June 10

- 2:30 pm Bus departure from ViEst Hotel
- 4:00 pm Arrival to Asiago and accommodation
- 5:30 pm Get together “Plenary Room” Session 1
Welcome, introduction and ground rules
C. Ronco, J. Kellum
- 7:15 pm Dinner in the Hotel with Coro Asiago

June 11

- 7:30 am Breakfast
- 8:00 am Plenary 2: Group chairs present
- 9:30 am (Rooms 1-2-3-4) Breakout session 1
- 11:30 am Plenary 3: initial results presented
1:00 pm Lunch
- 2:30 pm (Rooms 1-2-3-4) Breakout session 2
- 4:30 pm Plenary 4: results refined and discussed
- 6:00 pm Closing
- 6:30 pm Departure for Asiago - walk in the center
- 8:00 pm Dinner at Europa Restaurant

June 12

- 7:30 am Breakfast
- 8:00 am (Rooms 1-2-3-4) Breakout session 3
- 10:00 am Plenary 5: Workproducts drafted with statements and directions for future research
12:30 am Lunch
- 2:00 pm (Rooms 1-2-3-4) Breakout session 4
- 3:30 pm Plenary 6: Manuscript draft public reading
- 5:00 pm Closing
- 7:00 pm Departure for Rustic Dinner “in malga”

June 13

- 7:30 am Breakfast
- 8:00 am (Rooms 1-2-3-4) Breakout session 5
- 11:00 am Plenary 7 Final manuscript reading
1:00 pm Lunch
- 2:30 pm Bus departure to Mestre-Venice
- 5:00 pm Hotel accommodation
- 6:00 pm Departure for dinner

June 14

- Free Departures

FACULTY

Chairmen:

Claudio Ronco, Vicenza, Italy
Rinaldo Bellomo, Melbourne, Australia
John A. Kellum, Pittsburgh, USA

Group 1 – Patient selection for CRRT (also include selection for acute RRT)

J. Kellum*, N. Gibney, M. Joannidis, M. Osterman

Group 2 – Solute control in CRRT

S. Bagshaw*, R. Chakaravarthi, A. Tolwani, Z. Ricci

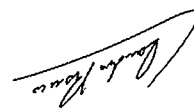
Group 3 – Technical aspects in CRRT

C. Ronco*, P. Honoré, J. Cerda, I. Baldwin

Group 4 – Fluid management and composition

M. Rosner*, E. Hoste, R. Mehta, R. Murugan

*Group chairs


Dr. Prof. Claudio Ronco

The *Vicenza International Courses* are well renewed scientific events held in the city of *Andrea Palladio*. Starting in 1982, international *Vicenza courses* have been held regularly featuring an outstanding faculty and gathering participants from numerous countries. The themes of *Critical Care Nephrology, Hemodialysis and Peritoneal Dialysis* have been discussed with leading to the most comprehensive review in the specific areas of practice and research. The 2016 edition of the course is dedicated to *Critical Care Nephrology*. A series of lectures and panel discussions will be delivered during the three days of the course. Our task is to put together specialists from different disciplines in a single scientific event with a multidisciplinary approach to the critically ill patient with acute kidney injury and multiple organ dysfunction. The scientific quality of the course and its multidisciplinary nature are guaranteed by the reputation of the faculty and the endorsement of several scientific societies. We really hope that a large number of delegates will join this important event which is becoming a classic appointment for the experts and the physicians who want to receive updated information in the field of *Critical Care Nephrology*. Companies and Members from the industry of the field are invited to join the event reserving booth and spaces in the exhibition area.

WELCOME LETTER

GENERAL INFORMATION

LANGUAGE The official language is English. No simultaneous translation will be offered.

VENUE The course will be held at the Convention Centre of Fiera di Vicenza, Viale dell'Oreficeria, 36100 Vicenza (Italy), on June 7 - 10, 2016.

REGISTRATION The registration fee includes: congress kit, entry to all scientific sessions and Exhibition/Poster area, a copy of the final program, refreshment breaks in the catering area, invitation to the Opening Ceremony on Tuesday June 7th, 1 Admission ticket for the Gala Dinner on Thursday June 9th, 2016.

The registration fees are the following per participant plus € 20,00 for fixed charges:

- € 300 for 30 years old or younger (Born after January 1st, 1986), or for ex *Vicenza/Irrivian* Fellows
- € 600 for others until February 29th, 2016
- € 950 for others still March 1st since April 30th, 2016
- € 1050 after May 1st, 2016 or on-site registration

You can register online by bank transfer or creditcard (VISA or MASTERCARD only!) at www.irriv.com

CANCELLATION 50% of the registration fee will be refunded by April 30th, 2016. No refunds after May 1st, 2016. All cancellations must be submitted in writing by e-mail to info@irriv.com

INDUSTRY EXHIBITION The Course will host an Industry Exhibition including the latest technology, equipment, and products.

To discuss sponsorship opportunities and arrangement of symposia, please contact the Course Secretariat at info@irriv.com.

The exhibition will be open from June 7 to June 9, 2016 during the congress.

UEMS/EACCME ACCREDITATION An application has been made to the EACCME® for CME accreditation of this event.

ECM ACCREDITATION The course is accredited by the Italian Ministry of Health (ECM) through the Continuous Medical Education program (Event n. 158042 ed.1 - Provider n. 1257 - 9,5 ECM credits).

ENDORSEMENTS



ERA-EDTA's endorsement is for the promotion of education in general, therefore the specific content of the event/course is the responsibility of the organizer.

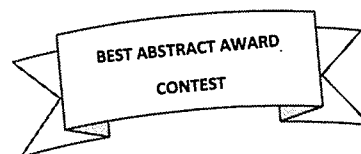


Regione Veneto - ULSS 6

Dep. of Nephrology, Dialysis and Renal Transplantation
International Renal Research Institute Vicenza - IRRIV
San Bortolo Hospital - Vicenza - Italy

34th

Vicenza Course
on AKI & CRRT



Fiera di Vicenza - Convention Center
Vicenza, Italy

June 7-10, 2016

www.irriv.com

Secretariat
New Progress Service S.r.l.
National Provider n 1257
Vicenza - ITALY

Contacts
Mrs Anna Saccardo & Mrs Marta Scabardi
phone / fax +39 0444 753949
mobile +39 340 1607312
email info@irriv.com

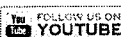
BEST ABSTRACT AWARD CONTEST

Send an Acute Kidney Injury or Critical Care Nephrology abstract to participate to the contest: the winner will receive € 3.000 and he/she will shoot a "Cappuccino with Claudio Ronco"

For details please visit: www.irriv.com



International Renal Research Institute Vicenza



Room Palladio

14.00 - 15.15 Industry - Sponsored satellite Symposium 1

NO ECM (Italian Credits)

SESSION - AKI BIOMARKERS: The New Frontier
Chairmen: J. Kellum - M. Piebani

15.30 Expanding the spectrum of AKI diagnosis *C. Ronco*

15.35 The Emerging Role of Biomarkers in Acute Kidney Injury
J. Kellum

15.50 Integrating biomarker application into clinical routine
A. Zarbock

16.05 Clinical Uses of Biomarkers in AKI Risk Assessment and Patient Management
L. Forni

16.20 AKI diagnosis in China
X. Ding

16.35 Discussion

17.00 - 18.15 Industry - Sponsored satellite Symposium 2

Room Trissino

NO ECM (Italian Credits)

14.00 - 15.15 Satellite JOINED SESSION ITALIAN SOCIETY OF NEPHROLOGY AND IRRIV
 SiN - IRRIV Fellow Day
Chairmen: A. Santoro - C. Ronco

14.00 Introduction *A. Santoro*

14.15 Oral presentation of selected posters

15.30 - 16.45 Industry - Sponsored satellite Symposium 3

17.00 - 18.15 Industry - Sponsored satellite Symposium 4

OPENING CEREMONY

Room Palladio

18.30 AKI & CRRT today *C. Ronco*

18.45 International "Vicenza" Award for Critical Care Nephrology

19.00 Fifteen years of ADQI: Achievements and results *J. Kellum*

19.30 Welcome Reception

SESSION 1 - AKI 3W: Where, When, Why
Chairmen: R. Bellomo - R.L. Mehta

8.30 Global Health Alert: update on the O by 25 initiative
R.L. Mehta

8.50 Epidemiology of acute kidney injury in critically ill patients
E. Hoste

9.10 AKI on non-renal, non ICU wards - care and outcomes
M. Haase

9.30 AKI Incidence and Outcomes in Sepsis
J.L. Vincent

9.50 Incidence and Outcomes in Cancer Patients
M. Rosner

10.10 Discussion

10.30 *Coffee Break and Visit to the Exhibition / Poster Area*

SESSION 2 - AKI NEW ECONOMY
Chairmen: M. Rosner - J.L. Vincent

10.50 The economic impact of AKI *S. Bagshaw*

11.10 Economic models in AKI (The case for contrast media)
C. Ronco

11.30 AKI in the era of big data (reports from ADQI) *S. Bagshaw*

11.50 EMR and sniffers in AKI diagnosis *K. Kashani*

12.10 Quality Improvement in Acute Kidney Injury: What is Quality in AKI?
M. Rosner

12.30 Discussion

12.50 *Lunch and Visit to the Exhibition / Poster Area*

13.15 - 14.15 Industry - Sponsored satellite Lunch Symposium 5

SESSION 3 - RRT in AKI
Chairmen: A. Tolwani - S. Bagshaw

14.30 Patient selection criteria and indications for RRT in AKI
R.L. Mehta

14.50 Timing of RRT in AKI *S. Bagshaw*

15.10 Modality of RRT in AKI *J. Cerda*

15.30 Anticoagulation in RRT in AKI *M. Joannidis*

15.50 Antibiotics Dosages Adaptation During RRT *P. Honoré*

16.10 Discussion

16.30 *Coffee Break and Visit to the Exhibition / Poster Area*

SESSION 4 - MOST
Chairmen: A. Shaw - J. Cerda

16.50 Continuous ultrafiltration in heart failure: current issues and future directions. *M.R. Costanzo*

17.10 Extracorporeal carbon dioxide removal? *F. Ferrari*

17.30 Artificial extracorporeal Liver Support : current and future perspectives. *G. Auzinger*

17.50 CRRT and ECMO circuit: how to do it and when? *A. Shaw*

18.20 Discussion

18.40 *Adjourn*

Room Trissino NO ECM (Italian Credits)

WORKSHOP 1 - CRRT Management Group
Chairmen: F. Ferrari - Z. Ricci - S. Romagnoli

9.30 The importance of Multidisciplinary Team *I. Baldwin*

9.50 Nomenclature in CRRT: Basic Principles *M. Neri*

10.10 Improving Delivery of Continuous Renal Replacement Therapy *F. Garzotto*

10.30 CRRT Technical Complications *F. Barbarigo - M. Mettifofo*

10.50 Hands on session *S. De Rosa (coordinator)*

11.40 Discussion

Room Scamozzi NO ECM (Italian Credits)

WORKSHOP 2 - Ultrasound in Critical Care Nephrology
Chairman: M. Meola

10.30 Theoretical outline preliminary to practice *M. Meola*

10.50 Clinical case: Uremic pleuropericarditis
M. Meola - I. Petrucci - F. Nalesso - S. Samoni

11.00 Clinical case: Chronic heart failure
M. Meola - I. Petrucci - F. Nalesso - S. Samoni

11.10 Clinical case: Parenchymal AKI
M. Meola - I. Petrucci - F. Nalesso - S. Samoni

11.20 Clinical case: Prerenal AKI
M. Meola - I. Petrucci - F. Nalesso - S. Samoni

11.30 Hands on ultrasound in critical care nephrology *M. Meola*

12.30 Discussion

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14.50 Clinical case: Prerenal AKI
M. Meola - I. Petrucci - F. Nalesso - S. Samoni

15.00 Hands on ultrasound in critical care nephrology *M. Meola*

16.00 Discussion

SESSION 5 - AKI BIOMARKERS & Diagnosis
Chairmen: S. Goldstein - L.S. Chawla

8.20 AKI: from clinical to molecular diagnosis *C. Ronco*

8.40 What have we learned from biomarkers? *J. Kellum*

9.00 Acute Kidney Stress (AKS) - A concept to accelerate early detection of AKI
N. Katz

9.20 Kidney Stress test (Glomerular and tubular) *L.S. Chawla*

9.40 IRRIV test *S. Samoni*

10.00 Discussion

10.20 *Coffee Break and Visit to the Exhibition / Poster Area*

SESSION 6 - AKI: FROM PATHOPHYSIOLOGY TO PROGRESSION
Chairmen: L.S. Chawla - M. Ostermann

10.40 Pathophysiology of AKI in sepsis *R. Bellomo*

11.00 Interaction between systemic inflammation and renal tubular epithelial cells *V. Cantaluppi*

11.20 The spectrum of Acute Kidney Disease (update from ADQI)
J. Kellum

11.40 Adaptive and maladaptive repair after AKI *R. Bellomo*

12.00 The course of recovery after AKI: is it modifiable? *R.L. Mehta*

12.20 Persistent versus resolved AKI *L.S. Chawla*

12.40 Discussion

13.00 *Lunch and Visit to the Exhibition / Poster Area*

13.15 - 14.15 Industry - Sponsored satellite Lunch Symposium 6

SESSION 7 - AKI, SEPSIS & BLOOD PURIFICATION
Chairmen: P. Angeli - L.G. Forni

14.30 CRRT in AKI and Sepsis *A. Tolwani*

14.50 CRRT in sepsis and multisystem organ failure *N. Gibney*

15.10 CRRT in infants and Children *S. Goldstein*

15.30 Genetic and Phenotypic Patterns and Blood Purification *G. Villa*

15.50 Sepsis and Blood Purification: Sorbent Therapy and Endotoxin Removal
C. Ronco

16.10 Discussion

16.30 *Coffee Break and Visit to the Exhibition / Poster Area*

SESSION 8 - ORGAN CROSSTALK AND INTERACTION WITH EXTRACORPOREAL THERAPIES
Chairmen: N. Gibney - R.L. Mehta

16.50 Brain and Kidney *L.G. Forni*

17.10 Lung and Kidney *F. Husain-Syed*

17.30 GI tract and Kidney and the importance of the microbiota
L. Gasvaldo

17.50 Liver and kidney *P. Angeli*

18.10 Heart and Kidney *P. McCullough*

18.30 Discussion

Room Trissino NO ECM (Italian Credits)

WORKSHOP 1 - CRRT Management Group
Chairmen: F. Ferrari - Z. Ricci - S. Romagnoli

9.30 The importance of Multidisciplinary Team *I. Baldwin*

9.50 Nomenclature in CRRT: Basic Principles *M. Neri*

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10.50 Hands on session *S. De Rosa (coordinator)*

11.40 Discussion

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15.00 Hands on ultrasound in critical care nephrology *M. Meola*

NO ECM (Italian Credits)

16.30 - 18.20 SESSION 8B - BIOETHICAL ROUNDTABLE
Panel participants: R. Bellomo - L.S. Chawla - J. Kellum - R. Mehta - C. Ronco - J.L. Vincent - N. Zamperetti

18.40 *Adjourn*

INTERACTIVE CASE PRESENTATION

8.20 Critical Care Nephrology cases. Discussing with the expert
R. Bellomo

SESSION 9 - FLUID MANAGEMENT
Chairmen: S. Di Somma - S. Goldstein

9.20 Results from the DoReMiFa study *C. Ronco*

9.40 Role of Bioimpedance in Fluid Assessment in ER and ICU
S. Di Somma

10.00 Pharmacological management of FO and monitoring
B. Molitoris

10.20 Indications and management of FO with extracorporeal therapies *M. Ostermann*

10.40 FO and outcomes *R. Murugan*

11.00 Discussion

11.10 *Coffee Break and Visit to the Exhibition / Poster Area*

SESSION 10 - NEW TECHNOLOGIES, Hot Issues and trials
Chairmen: B. Molitoris - A. Tolwani

11.30 Real Time GFR *B. Molitoris*

11.50 Transdermal real time GFR measurements *R. Solomon*

12.10 New Membranes (functionalized) *C. Ronco*

12.30 Personalized versus protocolized therapy *J.L. Vincent*

12.50 End points in clinical trials *L.S. Chawla*

13.10 Discussion

13.30 *Lunch and Farewell*