19th International Vicenza Course on Critical Care Nephrology

Vicenza - Italy
Fiera Congress Center

June 8-11, 2010

www.nefrologiavicenza.it
www.vicenzaneprhocourses.com
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 a 3 years rotation, leading to the most comprehensive review in the specific areas of practice and research. The 2010 edition of the course is dedicated to Critical Care Nephrology. Previous editions of International Courses on Critical Care Nephrology were held in 1998, 2001, 2004 and 2007. We gathered participants from more than 50 different countries. A series of lectures and panel discussions were delivered during the three days of each course. The proceedings were published in a special issue of Kidney International and in a special books of the series "Contributions to Nephrology". A widespread consensus on the format of the course and the timely publication of the proceedings was recorded from the participants and a remarkably positive feedback was collected from physicians, nurses and members of the industry of the field. For this reason we decided to continue to host this course every three years; sufficient time required in our opinion for a real advancement in technology and scientific knowledge and a sufficient accumulation of new data. 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.
Course Directors

Claudio Ronco, MD  
Director Dep. of Nephrology,  
San Bortolo Hospital  
Vicenza – Italy

Pasquale Piccinni, MD  
Director Dep. of Intensive Care  
San Bortolo Hospital  
Vicenza – Italy

International Course Directors

Rinaldo Bellomo, MD  
Director Dep. Of Intensive Care  
Austin Hospital  
Melbourne - Australia

John Kellum, MD  
Professor of Critical Care Medicine  
University of Pittsburgh School of Medicine  
Pittsburgh – USA

International Faculty

Stefan D. Anker – Germany  
Massimo Antonelli – Italy  
Sean Bagshaw – Canada  
Ian Baldwin – Australia  
Fabio Barbarigo – Italy  
Rinaldo Bellomo – Australia  
Kline Bolton – USA  
Joseph Bonventre – USA  
Jorge Cerda – USA  
Alexandra Chronopoulos – Canada  
William Clark – USA  
Maria Rosa Costanzo – USA  
Dinna Cruz – Italy  
Andrew Davenport – UK  
Salvatore Di Somma – Italy  
Enrico Fiaccadori – Italy  
Marco Formica – Italy  
Mihai Gheorghide – USA  
Michael Haase – Germany  
Patrick Honore’ – Belgium  
Eric Hoste – Belgium  
Nevin Katz – USA  
John Kellum - USA  

Alan Maisel – USA  
Peter Mc Cullough – USA  
Alexandre Mebazaa – France  
Ravindra Mehta – USA  
Bruce Molitoris – USA  
Patrick Murray – USA  
Federico Nalesso – Italy  
Mark Okusa – USA  
H M Oudemans-Van Straaten – The Netherlands  
Paul Palevsky – USA  
Didier Payen – France  
Frank Peacock – USA  
Pasquale Piccinni – Italy  
Piotr Ponikowski – Poland  
John Prowle – Australia  
Marco Ranieri – Italy  
Zaccaria Ricci – Italy  
Claudio Ronco – Italy  
Mitchell Rosner – USA  
Andrew Shaw – USA  
Shigehiko Uchino – Japan  
Jean Louis Vincent - Belgium  
David Warnock – USA
June 8

Room Palladio
14.30-16.00 Satellite Symposium 1
16.00-17.30 Satellite Symposium 2

Room Trissino
14.30-16.00 Satellite Symposium 3
16.00-17.30 Satellite Symposium 4

SESSION 1 - Room Palladio: Opening Course
Chairman: C. Ronco
18.30 Critical Care Nephrology from origin to today  C. Ronco
18.45 International "Vicenza" Awards for Critical Care Nephrology  J.L. Vincent
19.00 The fusion of critical care and nephrology in Vicenza  J.L. Vincent
19.20 Concert
20.00 Welcome Reception

June 9

SESSION 2 - Room Palladio: Epidemiology of AKI
Chairmen: E. Hoste - M. Antonelli
8.00 AKI classification and the conceptual model of AKI  J. Kellum
8.20 Epidemiology and outcomes of AKI in hospital and ICU  E. Hoste
8.40 Incidence and outcomes of AKI in Sepsis and MOF  J.L. Vincent
9.00 Incidence and outcomes of AKI in cardiac surgery  N. Katz
9.20 Risk Factors for AKI in Hospital and the ICU  M. Rosner
9.40 What is the role of genetic factors?  M. Haase
10.00 Discussion
10.10 Coffee Break and Visit to the Exhibition

SESSION 3 - Room Palladio: Pathophysiology of AKI
Chairmen: M. Okusa - J.L. Vincent
10.40 Pathophysiology of AKI: The classic interpretation  J. Bonventre
11.00 Pathophysiology of AKI: A different view  R. Bellomo
11.20 Pathophysiology of AKI: A really different view  J. Kellum
11.40 Microscopic imaging techniques for AKI diagnosis  B. Molitoris
12.00 Cardiopulmonary bypass-why does AKI develop?  A. Shaw
12.20 Cardiopulmonary bypass and AKI: how important is blood pressure?  M. Haase
12.40 Discussion
13.00 Lunch and Visit to the Exhibition
### SESSION 4A - Room Palladio: Cardio-Renal Syndromes (ADQI Session)

**Chairmen:** M. Gheorghiade - R. Bellomo

<table>
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<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tr>
<td>14.00</td>
<td>The new classification of Cardio-Renal Syndromes</td>
<td>C. Ronco</td>
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<tr>
<td>14.20</td>
<td>Epidemiology of different types of CRS</td>
<td>S. Bagshaw</td>
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<td>14.40</td>
<td>Diagnosing Cardio-Renal Syndromes</td>
<td>A. Mebazaa</td>
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<td>15.00</td>
<td>Biomarkers of cardiac dysfunction and HF</td>
<td>A. Maisel</td>
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<td>15.20</td>
<td>Biomarkers of kidney dysfunction and AKI</td>
<td>D. Cruz</td>
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**16.00** Coffee Break and Visit to the Exhibition

### SESSION 4B - Room Trissino: Nursing issues in ICU

**Chairmen:** I. Baldwin - F. Barbarigo

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<thead>
<tr>
<th>Time</th>
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<tr>
<td>14.00</td>
<td>How to establish a CRRT program</td>
<td>J. Cerda</td>
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<td>14.20</td>
<td>How to create a Critical Care Nephrology team</td>
<td>F. Barbarigo</td>
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<td>14.40</td>
<td>Circuit patency and filter life: a quality issue</td>
<td>I. Baldwin</td>
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<td>15.00</td>
<td>Evolution of technology in CRRT</td>
<td>F. Nalesso</td>
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<td>15.30</td>
<td>Discussion</td>
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**16.00** Coffee Break and Visit to the Exhibition

### SESSION 5A - Room Palladio: Cardio-Renal Syndromes 2 (ADQI Session)

**Chairmen:** A. Shaw - P. Ponikowski

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<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tr>
<td>16.30</td>
<td>Prevention of Cardio-Renal Syndromes</td>
<td>P. McCullough</td>
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<td>16.50</td>
<td>Management strategies in Cardio-Renal Syndromes</td>
<td>S. Anker</td>
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<td>17.10</td>
<td>Recommendations from clinical practice guidelines</td>
<td>P. Ponikowski</td>
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<tr>
<td>17.30</td>
<td>New Horizons in the management of Heart Failure</td>
<td>M. Gheorghiade</td>
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<tr>
<td>17.50</td>
<td>How to manage the Cardio-Renal Syndromes in the emergency room</td>
<td>S. Di Somma</td>
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<td>18.10</td>
<td>Discussion</td>
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**18.30** Adjourn

### SESSION 5B - Room Trissino: CRRT machines 1

**Chairmen:** I. Baldwin - F. Barbarigo

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tr>
<td>16.30</td>
<td>The Prismaflex Machine</td>
<td>The nursing group</td>
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<td>16.50</td>
<td>The Multifiltrate Machine</td>
<td>The nursing group</td>
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<td>17.10</td>
<td>The Decap System</td>
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<td>17.30</td>
<td>The NxStage Machine</td>
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<td>17.50</td>
<td>The Acquarius Machine</td>
<td>The nursing group</td>
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<td>18.10</td>
<td>Discussion</td>
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**18.30** Adjourn
June 10

SESSION 6 - Room Palladio: AKI: a multidisciplinary syndrome with organ crosstalk
Chairmen: M. Antonelli - M. Costanzo

8.10 The changing pattern of AKI: from one to multiple organ failure  M. Okusa
8.30 The concept of multiple organ support therapy (MOST)  C. Ronco
8.50 The kidney in respiratory failure and mechanical ventilation  P. Murray
9.10 Pulmonary renal syndrome and emergency therapy  K. Bolton
9.30 Extracorporeal CO2 removal (DECAP)  M. Ranieri
9.50 The kidney in liver disease and extracorporeal liver support  A. Davenport
10.10 Discussion

10.30 Coffee Break and Visit to the Exhibition

SESSION 7 - Room Palladio: Fluid assessment and management in the critically ill
Chairmen: M. Rosner - F. Peacock

11.00 Fluid assessment in the critically ill  R. Mehta
11.20 Use of BIVA in critically ill and cardio-renal patients  F. Peacock
11.40 Fluid management in sepsis and Cardio-Renal Syndromes  R. Bellomo
12.00 Use of diuretics in the critically ill and CRS  J. Kellum
12.20 Use of extracorporeal ultrafiltration in fluid overloaded patients  M. Costanzo
12.40 Discussion

13.00 Lunch And Visit To The Exhibition

SESSION 8A - Room Palladio: Practice of Renal Replacement Therapy in the ICU
Chairmen: K. Bolton - P. Murray

14.00 Clinical practice guideline on AKI: From ADQI to KDIGO  J. Kellum
14.20 RRT in the critically ill: when to begin and when to stop  D. Cruz
14.40 What is “BEST” RRT practice?  S. Uchino
15.00 Frequency: Continuous, intermittent or what else?  R. Mehta
15.20 Discussion

15.30 Debate: Adequacy: how to prescribe a adequate dose:
Chairmen: C. Ronco - J. Kellum

15.40 Shoot low  P. Palewsky
15.50 Shoot high  C. Ronco
16.00 Shoot very high  P. Honore’
16.10 Shoot quick, continuously and stop shooting late  R. Bellomo
16.20 Discussion

16.40 Coffee Break and Visit to the Exhibition
SESSION 8B - Room Trissino: Nursing issues 2  
Chairmen: I. Baldwin - F. Barbarigo

14.00 New techniques of RRT in the ICU
   P. Honore’
14.20 Vascular Access for HD and CRRT
   J. Cerda
14.40 Membranes and operational characteristics of RRT
   W. Clark
15.00 Anticoagulation during extracorporeal therapies
   H.M Oudemans-van Straaten
15.20 Citrate for SLED/EDD
   E. Fiaccadori
15.40 Citrate anticoagulation for CVVH
   I. Baldwin
16.00 What is the meaning of oliguria?
   J. Prowle
16.20 Discussion

16.40 Coffee Break and Visit to the Exhibition

SESSION 9A - Room Palladio: Critical Care Nephrology issues  
Chairmen: R. Mehta - D. Payen

17.00 Recovery from AKI: what determines it and can we predict it?
   J. Kellum
17.20 Urine abnormality in AKI and sepsis: how much information?
   S. Bagshaw
17.40 Hyponatremia, pathophysiology and management
   M. Rosner
18.00 Discussion

18.20 Adjourn

SESSION 9B - Room Trissino: CRRT machines 2  
Chairmen: I. Baldwin - F. Barbarigo

17.00 The Diapact Machine
   The nursing group
17.20 The Lynda-Dedyca Machines
   The nursing group
17.40 The Omni Machine
   The nursing group
18.00 Discussion

18.20 Adjourn
June 11

SESSION 10 - Room Palladio: Trials in AKI
Chairmen: D. Warnock - D. Payen

8.00 The DO RE MI study
8.15 The ATN trial
8.30 The RENAL trial
8.45 The Euphas Study (Polymixin B hemoperfusion in sepsis)
9.00 The IVOIRE trial
9.15 The bicarbonate for AKI in cardiac surgery trial
9.30 The SPARK trial
9.45 The atorvastatin for AKI in cardiac surgery trial
10.00 The CRRT-sepsis trial
10.15 The Coupled-plasma filtration adsorption trial
10.30 The Nephro Int database
10.45 Discussion

11.00 Coffee Break and Visit to the Exhibition

SESSION 11 - Room Palladio: CCN: Topics of interest
Chairmen: Z. Ricci - M. Okusa

11.30 The meaning of transient azotemia
11.50 MR imaging of renal blood flow in ICU: pipe dream or reality?
12.10 Novel H1N1 2009 infection and AKI
12.30 AKI in the pediatric population
12.50 AKI in elderly
13.10 Blood purification is Sepsis: do we have it backwards?
13.30 Discussion

13.45 Closing and Farewell Party
LANGUAGE
The official language is English. There will be no simultaneous translation.

VENUE
The Course will be held at the Congress Center of FIERA, Via dell’Oreficeria, 36100 Vicenza (Italy), on June 8-11, 2010.

COURSE SECRETARIAT
For all information regarding the Course, please contact
Anna Saccardo & Marta Scabardi
info@vicenzanephrocourses.com
infonefro@ulssvicenza.it
phone/fax +39 0444 753949
mobile +39 340 1607312
www.nefrologiavicenza.it
www.vicenzanephrocourses.com

REGISTRATION
The deadline for registration is May 14th, 2010.
The registration fee is **900 Euro (€ 750 + iva)** and includes: congress kit, proceedings, attendance to scientific sessions.
Registration after May 14th or on-site registration will be subject to space availability and the registration fee will be 990 Euro (€ 825 + iva).

The registration is possible:
1. **ON LINE** – visit www.vicenzanephrocourses.com
2. **BY BANK TRANSFER** – find the registration form on the brochure with all of instructions
3. **ON SITE** - only by CASH

All Course participants are required to personally check in at the appropriate registration desk.
The registration desk is open during the following timeframe:
Tuesday 8 June 11.00 – 19.00
Wednesday 9 June 7.30 – 18.30
Thursday 10 June 8.00 – 18.00
Friday 11 June 8.00 – 13.30
REFUND
Within May 14th half of the registration fee will be refunded.
No refunds will be made after May 14th.
All cancellations must be in writing and may be faxed to +39 0444 753949.

INDUSTRY EXHIBITION
The Course will host an Industry Exhibition including the latest technology,
equipment, pharmaceutical products and literature.
To discuss sponsorship opportunities and rates, please contact the Course Secretariat.
The exhibition will be open during all Course long.

TRANSPORTATION
Vicenza is a small city with no airport. However, several daily connections are available from Milano, Venice, Verona and Rome.
Venice and Verona airports are located 45 minutes from Vicenza.
During the course, shuttle buses will be provided to/from selected hotels.

HOTEL ACCOMMODATION
The course secretariat will not organize hotel accommodation for delegates. A complete list of hotels is available with instructions for direct reservation.

CLIMATE
During June weather in Vicenza is generally mild and sunny with occasional showers.
The average temperature is 28°C max and 18°C min.

ECM
The course will be incorporated in the Continuous Medical Education program and will be given CME credits by the Italian Ministry of Health.
To obtain the ECM credits the Italian attendance must participate in all of the Scientific Sessions.

UEMS
The course will be incorporated in the Continuous Medical Education program and will be given CME credits by the European Community Ministry of Health.
19™ International Vicenza Course on Critical Care Nephrology

Vicenza, Italy – Fiera Congress Center
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DEADLINE: May 14th, 2010

Name _____________________________________________________
Surname ___________________________________________________
Address ___________________________________________________
__________________________________________________________
Affiliation ________________________________________________
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City _______________________________________________________
Country ___________________________________________________
Tel _______________________________________________________
Fax _______________________________________________________
E-mail _____________________________________________________
Fiscal code _________________________________________________

I herewith enclose a copy of Bank Transfer of:
900 € (within May 14th 2010)
990 € (after May 14th 2010)

Registration forms duly compiled
without copy of bank transfer will not be accepted

PAY TO: New Progress Service s.r.l.
Bank details: CASSA DI RISPARMIO DEL VENETO
Fil. Porta Padova – VI
c/c 00001002066   ABI 06225 CAB 11832 CIN Y
IBAN: IT27 Y062 2511 8320 0000 1002066
BIC: IBSPIT2P

SEND TO: Anna Saccardo and Marta Scabardi
fax +39 0444 753949

Don’t forget: you may register on-line too at www.vicenzanephrocourses.com
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<td>3</td>
<td>Hotel Ferramaddi</td>
<td><a href="mailto:info@ferramaddi.com">info@ferramaddi.com</a></td>
<td>Neve a commercial venue e winter</td>
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Course Organizer
Anna Saccardo & Marta Scabardi
info@vicenzanephrocourses.com
infonefro@ulssvicenza.it
phone/fax +39 0444 753949
mobile +39 340 1607312
www.nefrologiavicenza.it
www.vicenzanephrocourses.com

Administrative Secretariat
New Progress Service s.r.l.
Viale Trieste 29/C
36100 Vicenza (Italy)
nps@e4a.it