

GENERAL INFORMATION

LANGUAGE: The official language is English. Simultaneous translation English-Italian-English will be provided.

VENUE: The Course will be held at the Congress Center of ENTE FIERA, Via dell'Oreficeria, 36100 Vicenza (Italy), on May 24 through 27, 2005

REGISTRATION: **The deadline for registration at reduced fee is April 30th, 2005.** The registration fee is 650 EURO (€ 541.70 + 108.30 tax) and includes: congress kit, proceedings, attendance to scientific sessions, coffee breaks, meals during the course, welcome party, gala dinner.

After April 30th the registration will be subject to space availability and registration fee will be 800 EURO (€ 666.60 + 133.40 tax).

YOU CAN DOWNLOAD THE REGISTRATION FORM FROM THE WEB SITES OF THE COURSE.

For information please contact:

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or e-mail to:

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TRANSPORTATION: Vicenza is a small city not provided with 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 from and to selected hotels.

HOTEL ACCOMODATION: due to organizational reasons, the course secretariat will not organize hotel accommodation for delegates, but you may see a complete list of available hotels with directions for direct reservation behind the allegated registration form. The selected hotel will be served by a shuttle bus to and from the congress center.

CLIMATE: in May the weather in Vicenza is generally mild and sunny with occasional showers. The average temperature is 25°C max and 15°C min.

The course is incorporated in the Continuous Medical Education program and will be given CME credits by the Italian Ministry of Health (n. 188349 and 188350) and the European Community



The Vicenza International Courses are well renewed scientific events held in the city of Andrea Palladio. Starting in 1982, international courses on peritoneal dialysis have been held every three years featuring an outstanding faculty and gathering participants from numerous countries. Starting in 1998, the theme of critical care nephrology has also been covered every three years, leading to the most comprehensive review in the field of intensive care nephrology. The third theme of the Vicenza courses is hemodialysis. This course will also be held every three years. As in the previous edition the course is organized in collaboration with the International Society of Nephrology and COMGAN. The course on hemodialysis is made in strict collaboration with the industry of the field. A series of lectures and panel discussions will be held during the days of the course. Several of the most actual and interesting issues in the field will be debated by world leading experts. The growing interest for training courses and the need for conveying the maximal amount of resources into the educational task of the event convinced us to publish the proceedings of the course but at the same time to minimize the social program and the scientific exhibition. We hope that a large number of delegates will join this important event transforming it into a classic appointment for the experts and physicians wishing to receive an updated information in Hemodialysis.



Department of Nephrology, Dialysis
and Renal Transplantation
ULSS 6 - ULSS 5
St. Bortolo Hospital, Vicenza - Italy



14TH INTERNATIONAL VICENZA COURSE ON HEMODIALYSIS

Vicenza, Italy
Ente Fiera

May, 24 – 27, 2005

www.vicenzanephrocourses.com
www.nefrologiavicenza.it

Preliminary program

May 24

Pre-course: DIALYSIS PRINCIPLES AND TECHNOLOGY

Chair: H.D. Polaschegg - N. Hoenich

14.00	Mechanisms of solute transport	C. Ronco
14.30	Machines for hemodialysis?	H.D. Polaschegg
15.00	Dialysis Membranes: an overview	N. Hoenich
15.30	Non invasive sensing techniques	D. Schneditz
16.00	Water treatment for hemodialysis	G. Cappelli
16.30	On-line convective therapies	A. Santoro

Opening Ceremony

18.00	Opening Remarks	C. Ronco
18.20	International Vicenza Award	
18.30	Hemodialysis: from early days to tomorrow	E. Ritz
19.15	Concert	
20.00	WELCOME RECEPTION	

May 25

Session 1: LESSONS FROM TRIALS

Chair: N. Lameire - N. Levin

8.30	What did we learn from DOPPS and iDOPPS?	R. Greenwood
8.50	What did we learn from the HEMO study?	T. Greene
9.10	What are the lessons from the USRDS?	A. Collins
9.30	What are we expecting to learn from the MPO study?	F. Locatelli
9.50	What is the role of K-DIGO?	N. Lameire
10.10	Discussion	
10.30	Coffee Break	

Session 2: DIALYSIS SCHEDULES & TECHNIQUES

Chair: A. Collins - C. Ronco

11.00	Design of the NIH frequent Dialysis Clinical trials	T. Greene
11.20	The magics about long and nocturnal dialysis	B. Charra
11.40	Results from the Hemofiltration trial	A. Santoro
12.00	Different forms of HDF	C. Ronco
12.20	Hemofiltration-hemodiafiltration in sequence	A. Brendolan
12.40	Discussion	
13.00	Lunch	

Session 3: VASCULAR ACCESS MANAGEMENT

(A Session planned in conjunction with the International Society of Nephrology - COMGAN and the Interventional Nephrology ISN Committee)

Chair: M. Riella - S. Ash

14.30	Should nephrologists be in charge?	K. Konner
14.50	Challenges of Interventional nephrology	M. Riella
15.10	Endovascular procedures by the nephrologists	A. Arif
15.30	Optimization of CV Catheters	S. Ash
15.50	Discussion	
16.10	Coffee Break	

Session 4: DRY WEIGHT ASSESSMENT

Chair: D. Schneditz - C. Ronco

16.40	Whole body - Single Frequency Bioimpedance	A. Piccoli
17.00	Segmental - Multifrequency Bioimpedance	N. Levin
17.20	Integration of on-line sensors	C. Ronco
17.40	Discussion	
18.00	ADJOURN	

May 26

Session 5: BIOLOGICAL MARKERS IN DIALYSIS

Chair: P. Aljama - B. Bammens

8.20	The spectrum of uremic retention solutes	W. Horl
8.40	Oxidative stress and reactive oxygen species	F. Galli
9.00	Advanced Glycation End Products	N. Hoenich
9.20	Improving removal of protein-bound retention solutes	B. Bammens
9.40	Apoptotic Patterns in different dialysis modalities	C. Ronco
10.00	Discussion	
10.15	Coffee break	

Session 6: CARDIOVASCULAR RISKS AND INFLAMMATION

Chair: W. Horl - N. Levin

10.45	Inflammation: a silent killer in dialysis patients	P. Stenvinkel
11.05	Interaction between inflammation and nutrition	M. Kuhlmann
11.25	Dialytic strategies to reduce inflammation	P. Aljama
11.45	HRF: managing the challenge of malnutrition inflammation and atherosclerosis	M. Formica
12.05	Modifiable and unmodifiable cardiovascular risk factors	N. Levin

12.20	Dialytic strategies to protect heart and endothelium	G. Remuzzi
12.40	Discussion	
13.00	Lunch	

Session 7: CARDIOVASCULAR AND MINERAL DISORDERS

Chair: D. Brancaccio - A. Collins

14.20	Calcium and Phosphate disorders in uremia	E. Slatopolsky
14.40	Tissue and Vascular calcification	P. Raggi
15.00	The mechanism of calcium deposition in soft tissues	D. Brancaccio
15.20	CKD as a multiplier for CVD	G. Chertow
15.40	Discussion	
16.00	Coffee break	

Session 8: NEW TRENDS

Chair: A. Santoro - G. Chertow

16.30	New trends and practice in anemia management	A. Collins
16.50	Biosimilars	C. Ronco
17.10	EPO resistance in Anemia	W. Horl
17.30	Update on CERA	N. Levin
17.50	Discussion	
18.10	ADJURN	

May 27

Session 9: NEW TECHNOLOGIES

Chair: E. Leonard - R. Vanholder

9.00	Electrophysiological response to dialysis: role of dialysate electrolytic content	A. Santoro
9.20	Critical review of new techniques to assess CV function in HD	D. Schneditz
9.40	The quest for new uremic toxins	R. Vanholder
10.00	Nanotechnology and dialysis	C. Ronco
10.20	Discussion	
10.40	Coffee break	

Session 10: FUTURE TRENDS

Chair: R. Amerling - M. Kuhlmann

11.00	The wearable artificial kidney: old dream or new reality?	V. Gura
11.20	Mathematical model to characterise internal filtration	G. B. Fiore
11.40	SCIP: Intracorporeal plasma separation	C. Ronco
12.00	Membraneless Dialysis: is it possible?	E. Leonard
12.20	Questionnaire	
12.30	FAREWELL PARTY	