

**Inter-Institutional Department of Renal Medicine**

Vicenza – Bergamo – Torino

**Department of Nephrology**

St. Bortolo Hospital, Vicenza-Italy



**FIRST  
INTERNATIONAL COURSE  
ON  
HEMODIALYSIS TECHNOLOGY**

*Vicenza, Italy*

*Ente Fiera*

*June 19 – 22, 2002*

[www.vicenzanephrocourses.com](http://www.vicenzanephrocourses.com)

**Inter-Institutional Department of Renal Medicine**

Vicenza – Bergamo – Torino

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Welcome you at the

**FIRST  
INTERNATIONAL COURSE  
ON  
HEMODIALYSIS TECHNOLOGY**

This is a multidisciplinary course sponsored by:

*The Italian Society of Nephrology (SIN)*

*The European Society for Artificial Organs (ESAO)*

*The European Renal Association (ERA-EDTA)*

*The International Society of Hemodialysis (ISH)*

*The International Society of Nephrology (ISN)*



## FIRST INTERNATIONAL COURSE ON HEMODIALYSIS TECHNOLOGY

### REGISTRATION FORM

**DEADLINE: MAY 30, 2002**

Name \_\_\_\_\_

Surname \_\_\_\_\_

Address \_\_\_\_\_

Affiliation \_\_\_\_\_

City \_\_\_\_\_

Country \_\_\_\_\_

Tel. \_\_\_\_\_

Fax \_\_\_\_\_

E-mail \_\_\_\_\_

Invoice to: \_\_\_\_\_

**I herewith enclose a copy of Bank Transfer of 620 ?.**

**Registration forms without copy of bank transfer will not be accepted.**

The total amount for registration has been paid to:  
NEW PROGRESS SERVICE s.r.l.  
Banca Intesa BCI – AmbroVeneto  
Filiale di Porta Padova, 51/53 - Vicenza  
Account n. 10020/66  
IBAN IT42 D030 6911 8320 0000 1002 066  
SWIFF-BAVE IT MM 902 ABI 03069 CAB 11832

**Send to: STUDIO dr. Anna Saccardo  
Via Bertesina, 394 36100 – Vicenza - Italy  
Fax (39) 0444 – 993949 or 303088**

*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 technology. This course will also be held every three years. This year the course is organized in collaboration with the departments of nephrology of Bergamo and Torino as annual meeting of the Interinstitutional Department of Renal Diseases. The course on hemodialysis technology 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 Technology.*

## General Information

**LANGUAGE:** The official language is English

**VENUE:** The Course will be held at the Congress Center of ENTE FIERA, Via dell'Oreficeria, 36100 Vicenza (Italy), on June 19 through 22, 2002

**REGISTRATION:** The deadline for registration is May 30, 2002. The registration fee is **620 EURO** (€ 516.7 + 103.3iva) and includes: congress kit, proceedings, attendance to scientific sessions, coffee breaks, meals during the course, welcome party, gala dinner. Registration after May 30 or on-site registration will be subject to space availability and the registration fee will be 800 EURO (€ 666.6+133.4 iva).

For information please contact:  
dr. Anna Saccardo, STUDIO SACCARDO, **Secretariat of the First International Course On Hemodialysis Technology**, Via Bertesina, 394, 36100 – Vicenza – Italy , or e-mail to:

**info@vicenzanephrocourses.com**

**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 accomodation for delegates, but you may see a complete list of available hotels with prices and directions for direct reservation in the Hotel Reservation Form. The selected hotel will be served by a shuttle bus to and from the congress center.

**CLIMATE:** in June the weather in Vicenza is generally mild and sunny with occasional showers. The average temperature is 28°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 and the European Community

## Faculty

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**June 22**

8,00 Lecture: Is technology ready for daily dialysis? U. Buoncristiani

**Session 9: CHRONIC INFLAMMATION**

8,30 Chronic Inflammation:an overview N.W.Levin  
8,50 New aspects of Oxidant Stress F. Galli  
9,10 ESRD: a slowly progressive SIRS C. Ronco  
9,30 Oxidative mechanisms in lipoprotein-induced inflammation A. Sevanian  
9,50 Discussion  
10,10 *Coffee break*

**Session 10: ANEMIA MANAGEMENT**

10,40 EPO therapy today R.L. Pisoni  
11,10 Clinical experience with NESP F. Locatelli  
11,30 Once-per-week EPO administr. A. Albertazzi  
11,50 Iron therapy: how and when C. Crepaldi  
12,10 Carnitine as adjuvant therapy B. Cianciaruso  
12,30 EPO treatment and cardio vascular system A. Santoro  
12,50 Discussion & Closing remarks G. La Greca  
13,00 *Closing lunch*

## **Session 6: DIALYSIS MACHINES, MONITORING & BIOFEEDBACK**

10,20	Lecture: The ideal hemodialysis machine	H.D. Polaskegg
10,50	Blood Volume Monitoring Systems & Biofeedback	A.Santoro
11,10	Blood temperature monitoring	K.M. Leunissen
11,30	Optimization of convection by TMP monitoring & biofeedback	L. Pedrini
11,45	Potassium profiling in AFB	A. Santoro
12,00	On-line clearance	F.A. Gotch
12,20	Dry Weight determination	N.W. Levin
12,40	Discussion	
13,00	<i>Lunch</i>	

## **Session 7: DATA ACQUISITION AND MANAGEMENT**

14,00	Computerized data collection	C. Ronco
14,15	Practical approach to data collection in a European dialysis network	J. Hegbrant
14,30	Data management & QA for a HD network	J. Passlick-Deetjen
14,45	CQI programs for a HD network	J.P.Bosch
15,00	Pre-ESRD & and dialysis programs: the view of the manager	L. Donald
15,20	Discussion	
15,40	<i>Coffee break</i>	

## **Session 8: DIALYSATE QUALITY & COMPOSITION**

16,00	Water treatment for hemodialysis	G. Cappelli
16,15	Dialysate purity: a must!	P. Aljama
16,30	On line fluid preparation	G. Lonneman
16,45	Sodium content and profiling	F. Locatelli
17,00	Dialysate/infusate composition and infusion mode in on-line HDF	L. Pedrini
17,15	Dialysate/infusate Ca and Mg	C. Vitale
17,30	Dialysate/infusate buffer modulation	M. Feriani
17,45	Discussion	
18,00	<i>Adjourn</i>	

### **GALLI FRANCESCO**

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**MASUDA TOSHIAKI**

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Osaka - Japan

**Session 3: HEMODIALYZERS**

14,00	Flow distribution and crossfiltration	C. Ronco
14,20	Using a dialyzer for a maximum function	K. Leypoldt
14,40	Sterilization procedures and biocompatibility	P. Aljama
15,00	Computerized selection of the right hemodialyzer	P.M. Ghezzi
15,20	Discussion	
15,40	<i>Coffee break</i>	

**Session 4: ADSORBENTS**

16,10	Adsorbents: from basic structure to clinical application	C. Ronco
16,30	Biocompatibility of adsorbent systems	N. Hoenich
16,50	Sorbent augmented dialysis systems	J.F. Winchester
17,10	Use of adsorbents in ARF therapy	C.Tetta
17,30	Discussion	
18,00	<i>Adjourn</i>	

**June 21****Session 5: DIALYTIC TECHNIQUES**

8,00	Low flux dialysis: Still a role?	N. Hoenich
8,20	HFD and HDF: impact on outcome?	F.Locatelli
8,40	On-line Hemodiafiltration: golden standard or top therapy?	J. Passlick-Deetjen
9,00	P FD and HFR hemodiafiltration	C.Tetta
9,20	On Line Hemofiltration: old concept new approach	I.Ledebo
9,40	Discussion	
10,00	<i>Coffee Break</i>	

## June 19

### Opening Ceremony

- 18,00 Opening Remarks
- 18,15 Evolution in HD technology
- 19,00 International Vicenza Award
- 19,15 Concert & Welcome reception

G.La Greca  
C. Ronco

## June 20

### Session 1: VASCULAR ACCESS

- 8,00 Practice patterns from DOPPS
- 8,20 Vascular access management
- 8,40 Diagnostic methods for VA
- 9,00 Temporary Vascular Access
- 9,20 Prosthetic Devices for VA
- 9,40 Anticoagulation strategies
- 10,00 QA and CQI in vascular access
- 10,20 Discussion
- 10,40 *Coffee Break*

R.L. Pisoni  
K. Konner  
K. Leyboldt  
M. Weijmer  
F. Quarello  
G. Remuzzi  
J.P. Bosch

### Session 2: DIALYSIS MEMBRANES

- 11,00 Membranes composition and structure
- 11,15 Methods of sterilization and their Effects on membrane performance
- 11,30 Nanocontrolled spinning technology
- 11,45 Vitamin E coated membrane
- 12,00 Protein leaking membranes: what's the rationale?
- 12,15 Modified TCA membranes
- 12,30 Surface Modified AN69 membrane
- 12,45 Discussion
- 13,00 *Lunch*

W. Clark  
  
L. Fecondini  
S. Bowry  
F. Galli  
T. Kunitomo  
T. Masuda  
M. Atti

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