

Course Introduction

The 12th INTERCEPT (INTERNational Course on Extracorporeal Perfusion Technologies) will take place in Milan, April 9th-11th, 2015.

Starting on May 1st, 2015, Milan will host the International EXPO. It will be an exiting event, and Milan is being prepared for this, with a number of refurbishments in its architecture and structure. People who will attend the 12th INTERCEPT will taste this big changes a few weeks before the official opening of the EXPO. For this special edition, we have prepared an exciting scientific program, with international speakers coming from all over Europe, Canada, and other countries.

Following the tradition of the INTERCEPT, the first day will be dedicated to hemostasis and coagulation issue. We will hear the latest news about transfusions as determinants (or not) of bad outcomes in cardiac surgery, with an opening lecture from Gavin Murphy, a recognized international expert in this field. Point-of-care coagulation tests will be challenged for their ability in predicting postoperative bleeding in Session I, and Session II will focus on the complex interaction between coagulation and inflammation. Session III will be a joint session with the European Association of CardioThoracic Anaesthesiologists (EACTA), and session IV will address another hot topic: which fluids can we use to replace intravascular volume?

On day 2, the works will be opened by a guest lecture from Wulf Dietrich on heparin and heparin monitoring, followed by session V that will be focused on microcirculation and its link with outcomes. Session VI will address blood glucose monitoring and the relationship between blood glucose control and outcomes, followed by session VII dedicated to the latest news on clinical trials.

Day 3 will host a joint session with the newly formed International Society for Minimal Invasive Extracorporeal Circulation Technologies (MiECTiS), and finally session IX will address, as usual, the rare conditions affecting clinical outcome in cardiovascular patients. Throughout the whole meeting there will be specific Interactive Q&A sessions (Interact with the INTERCEPT), and day 2 will be closed by three INTERCEPT Seminars.

We hope and believe to have settled an interesting scientific program, and we wait for you to attend the INTERCEPT and visit Milan in April 2015.

Marco Ranucci, MD, FESC
The INTERCEPT Director

E-mail address for information:

intercept@virgilio.it

Web-site: **www.intercepteurope.org**

Faculty

S. Agarwal, Liverpool
H. Aust, Marburg
V. Bari, Milan
E. Baryshnikova, Milan
A. Bauer, Coswig
P. Bianchi, Milan
C. Boer, Amsterdam
T. Carrel, Bern
U. Di Dedda, Milano
W. Dietrich, Munich
G. Erdoes, Bern
F. Fanfulla, Pavia
S. Forconi, Siena
L. Gattinoni, Milan
A. Jeppsson, Gothenburg
C. Landis, Barbados
P. Lecomte, Aalst
B. Martinez Lopez de Arroyabe, Udine
J. Murkin, Ontario
G. Murphy, Leicester
M. Ranucci, Milan
P. Rosseel, Breda
D. Royston, Harefield
N.D. Scaun, Liverpool
A. Schramko, Helsinki
S. Scolletta, Siena
S. Trimarchi, Milan
C. Von Heymann, Berlin

Course Director

Marco Ranucci M.D.
IRCCS Policlinico
S. Donato Milanese Milan (Italy)
e-mail: intercept@virgilio.it
www.intercepteurope.org

Organizing Secretariat

easy congress  **Easy Congress Srl**
Via R. Pitteri, 10
20134 Milan (Italy)
Tel. +39 02.21591024 · Fax +39 02.93667214
info@easycongress.net · www.easycongress.net

General Information

A fixed maximum number of **150 participants** will be admitted to the Course. The official language is English. No simultaneous translation is provided.

REGISTRATION FEE PAYMENT

The Registration Fee can be paid by credit card on the website **www.easycongress.net** or **www.intercepteurope.org**. Alternatively, it is possible to require the registration form to the Organizing Secretariat. The registration form together with the bank cheque or copy of bank transfer must be sent to the Organizing Secretariat:

Easy Congress Srl · Via Riccardo Pitteri, 10
20134 Milan, Italy · Fax. +39.02.93667214.

The completed registration form and relevant payment must be sent to the Organizing Secretariat **no later than March 23th, 2015**. An official invoice will be issued as a receipt for the fee payment. Please provide the correct address details for tax purposes and your tax code or VAT registration number. Invoices to firms and institutions for the registration of employees are made out against a written request to be attached to the registration form. Please quote all necessary fiscal data.

REGISTRATION FEE INCLUDES

- Participation in scientific sessions
- EBAC Credits
- Congress kit
- Certificate of attendance

CANCELLATION POLICY

A 30% refund of the registration fee will be paid **ONLY** for cancellations notified in writing **prior to March 23th, 2015**. No refund will be made after the above date.

Venue

Hotel Michelangelo Via Scarlatti, 33 · 20124 Milan (Italy)

HOW TO REACH THE CONGRESS VENUE

Central Station The Hotel is just steps away from Milan's Central railway Station. This means easy access into the city centre.

Milano Malpensa Airport The "Malpensa Express" train service will take you directly from the airport to Cadorna Station. Here take the underground Green Line 2 (Cologno/Gessate direction) to Central Station.

Milano Linate Airport Take bus no. 73 in the "National Arrivals Exit" area all the way to the terminal of Piazza San Babila. Go down into the Underground. Here take the Red Line 1 (Rho Fiera Milano direction) to Cadorna Station. From here take the Green Line 2 (Cologno/Gessate direction) to Central Station.

By car From any of the ring roads circling Milan follow the signs to Central Station (city centre).

Milan, April 9th-11th, 2015
12th International Course
on Extracorporeal
Perfusion Technologies

INTERCEPT 2015

The OUTCOME
MEETING
EXPO Edition

Course Director: Marco Ranucci, M.D.
IRCCS Policlinico S. Donato - Milan



Under the patronage of



DAY 1

Thursday, April 9th

08.30	Participants Registration	12.40/13.00	Plasma viscosity and platelet function <i>E. Baryshnikova (Milan)</i>
09.00/09.15	Course introduction <i>M. Ranucci (Milan)</i>	13.00/14.30	Lunch Break
Opening Lecture		14.30/15.30	INTERACT with the INTERCEPT: Can we predict postoperative bleeding? Interactive Questions & Answers <i>M. Ranucci and the Audience</i>
09.15/10.00	Red blood cell transfusion policy in cardiac surgery: liberal, restrictive, or indifferent? <i>G. Murphy (Leicester)</i>	Session III Hot topics in coagulation and hemostasis In collaboration with the EACTA subcommittee on Haemostasis and Transfusions <i>Chair: W. Dietrich and C. Von Heymann</i>	
10.00/10.20	On the predictive value of coagulation POC testst <i>M. Ranucci (Milan)</i>	15.30/15.50	A twenty-years experience with Jehovah Wittnesses <i>P. Rosseel (Breda)</i>
10.20/10.40	Preoperative fibrinogen levels and postoperative bleeding in cardiac surgery <i>A. Jeppsson (Gothenburg)</i>	15.50/16.10	The impact of postoperative bleeding and preoperative anemia on outcome <i>C. Von Heymann (Berlin)</i>
10.40/11.00	Postoperative visco-elastic tests guiding hemostatic products administration <i>S. Agarwal (Liverpool)</i>	16.10/16.30	Novel synthetic serine protease inhibitors: beyond tranexamic acid and EACA? <i>G. Erdoes (Bern)</i>
11.00/11.30	Coffee Break	16.30/17.00	Coffee Break
Guest Lecture		Session IV The effects of fluids on coagulation <i>Chair: M.Ranucci and A. Schramko</i>	
11.30/12.00	Inflammatory response in cardiac surgery patients: still a determinant of outcome? <i>C. Landis (Barbados)</i>	17.00/17.20	Hemodilution, blood viscosity, and coagulation <i>M. Ranucci (Milan)</i>
Session II Endothelium, inflammation, and hemorheology <i>Chair: M. Ranucci and D. Royston</i>		17.20/17.40	The effects of colloids on coagulation and transfusions in cardiac surgery <i>A. Schramko (Helsinki)</i>
12.00/12.20	Cross-talking between inflammation and coagulation <i>D. Royston (Harefield)</i>	17.40/18.00	Is there a role for albumin-based fluid replacement in the critical patient? <i>L. Gattinoni (Milan)</i>
12.20/12.40	Endothelial function and hemorheology <i>S. Forconi (Siena)</i>		

DAY 2

Friday, April 10th

08.30/09.30	INTERACT with the INTERCEPT: The Coagulation Clinic Clinical cases presentations with Interactive Questions & Answers <i>W. Dietrich, M. Ranucci, D. Royston</i>	14.30/15.30	INTERACT with the INTERCEPT: Do we need a strict blood glucose control in cardiac surgery? <i>M. Ranucci and the Audience</i>
Guest Lecture		Session VII Late breakings in clinical trials <i>Chair: E. Baryshnikova and M. Ranucci</i>	
09.30/10.00	Heparin sensitivity, ACT monitoring, and heparin dose on CPB <i>W. Dietrich (Munich)</i>	15.30/15.50	The overwhelming importance of negative clinical trials <i>M. Ranucci (Milan)</i>
Session V Microcirculation <i>Chair: C.Boer and M. Ranucci</i>		15.50/16.10	ZEPLAST: a randomized controlled trial of fibrinogen supplementation in complex cardiac surgery <i>E. Baryshnikova (Milan)</i>
10.00/10.30	Microcirculation: an overview in clinical context <i>C. Boer (Amsterdam)</i>	16.10/16.30	APPEAR: a randomized controlled trial of 5% albumin versus fresh frozen plasma for priming solution in pediatric cardiac surgery <i>P. Bianchi (Milan)</i>
10.30/11.00	The effects of blood transfusions on microcirculation <i>S. Scolletta (Siena)</i>	16.30/17.00	Coffee Break
11.00/11.30	Coffee Break	17.00/18.00 The INTERCEPT Seminars (50 participants for each Seminar)	
Session VI Blood glucose monitoring and outcomes <i>Chair: P. Lecomte and M.Ranucci</i>		HALL 1	Thromboelastography and thromboelastometry in clinical context Tutors: <i>E. Baryshnikova, (Milan)</i> <i>B. Martínez Lopez de Arroyabe (Udine)</i>
11.30/12.00	Tight perioperative blood glucose control and outcomes in cardiac surgery <i>N.D. Scawn (Liverpool)</i>	HALL 2	Platelet function and anti-platelet drugs Tutor: <i>U. Di Dedda (Milan)</i>
12.00/12.30	Intravenous continuous glucose monitoring <i>TBA</i>	HALL 3	Perfusion-based techniques for preventing acute kidney injury: pressure, flow, and oxygen Tutor: <i>M. Ranucci (Milan)</i>
12.30/13.00	Subcutaneous continuous glucose monitoring <i>H. Aust (Marburg)</i>		
13.00/14.30	Lunch Break		

DAY 3

Saturday, April 11th

Session VIII Minimal invasive cardiopulmonary bypass In collaboration with the MIECTS <i>Chair: T. Carrel and M. Ranucci</i>	
08.30/09.00	Minimal invasive CPB: the perfusionist's perspective <i>A. Bauer (Coswig)</i>
09.00/09.30	Minimal invasive CPB: the surgeon's perspective <i>T. Carrel (Bern)</i>
09.30/10.00	NIRS monitoring and perfusion thresholds for brain and kidney <i>J. Murkin (Ontario)</i>
10.00/10.30	Coffee Break
Guest Lecture	
10.30/11.00	Outcomes in acute aortic dissection <i>S. Trimarchi (Milan)</i>
Session IX Unusual determinants of outcomes <i>Chair: M. Ranucci</i>	
11.00/11.30	Sleep disturbances and thromboembolic complications <i>F. Fanfulla (Pavia)</i>
11.30/12.00	Autonomic nervous system and postoperative kidney function <i>V. Bari (Milan)</i>
12.00/12.30	INTERACT with the INTERCEPT The 20 MCQs game: check your knowledge and get rewarded
12.30	Final remarks