

International Center for Studies and Training "G. Gaslini"

Provider Nazionale Accreditato ECM n. 856  
Certificazione ISO9001:2008



CISEF Director: Antonio Infante

### AIMS

Aim of the meeting is to promote an updating in neonatal and pediatric cardiac intensive care, comparing experiences from international centers with our daily clinical activity. Items are related to prenatal, perinatal and perioperative assessment and management of children with CHD. The meeting is addressed to all professional figures involved in cardiac intensive care: physicians, nurses and perfusionists.

### Scientific Committee of the Meeting

Franco Lerzo, Sara Frontalini, Francesco Grasso  
UOS Anestesia e Terapia Intensiva Cardiologica IGG

### Organizing Secretariat

**Maria Caterina Cogorno**

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### GENERAL INFORMATION

#### Registration

The meeting is open to up to 60 neonatal and paediatric intensivists, cardiac surgeons, perfusionists, nurses and ECMO specialists.

Register on line or download, fill in and send the registration form to the organizing secretariat.

**Deadline for registration: February 28<sup>th</sup>, 2014.**

#### Registration fees

The registration fee of € 250,00 for MD, € 150,00 for perfusionists and nurses covers: access to scientific sessions, didactic material, coffee breaks, lunches and attendance certificate.

The fee can be paid after receiving confirmation from the Organizing Secretariat.

**Official language:** English

**Italian CME events n. 856-82319 e 856-82329**

**n. 12 credits for**

**Medical Doctors** (Cardiology, Cardiac Surgery, Haematology, Intensive Care, Neonatology, Pediatrics, Transfusion Medicine)

**Perfusionists, Nurses and Pediatric Nurses**

#### Venue

CISEF G. Gaslini, Villa Quartara, Badia Benedettina della Castagna, Via Romana della Castagna 11 A, 16148 Genoa, Italy.

#### How to reach the venue

**Plane:** from the International Airport Cristoforo Colombo, shuttle bus n. 100 (runs every hour) takes you to Genova Brignole railway station, where you can take bus n. 17 to Via Romana della Castagna.

**Train:** get off at Genova Brignole railway station, take bus n. 17 and get off in Corso Europa, in front of Via Romana della Castagna.

**Car:** motorway exit Genova-Nervi, take Corso Europa westwards, take the overpass to change direction and drive eastwards, pass the Hotel AC and ESSO gas station on the right, after 50 mts. turn right into Via Romana della Castagna, go straight 80 mts., enter the gate and follow the dust lane up to the parking lot.

#### Accommodation

Please make your arrangement well in advance.  
Special rates at the AC Marriot Hotel\*\*\*\* - Genova-Quarto +39-010-3071180 located at walking distance from the Badia as well as at the Hotel Iris \*\*\* - Genova-Quarto +39-010-3773914. Always mention the CISEF course.



## BABY ON BYPASS 2014

### The Intensive Management of Children Undergoing Open Heart Surgery



#### Directors

**Franco Lerzo, Pietro Tuo, Lucio Zannini**

under the auspices of

**A.N.Pe.C.**



**March 28-29, 2014**

**Villa Quartara, Badia della Castagna  
Genoa, Italy**



## Faculty

Desmond Bohn, Toronto , Canada  
Paola Cogo, Roma, Italy  
Anna Dehò, Paris, France  
Giovanni Di Dedda, Bergamo, Italia  
Gaetano Gargiulo, Bologna, Italy  
Francesco Grasso, Genova, Italy  
Massimo Griselli, Newcastle, UK  
Aparna Hoskote, London, UK  
Margherita Lerone, Genoa, Italy  
Franco Lerzo , Genoa, Italy  
Maurizio Marasini, Genoa, Italy  
Andrea Moscatelli, Genoa, Italy  
Dario Paladini, Genoa, Italy  
Philippe Pouard, Paris, France  
Marco Pozzi, Ancona, Italy  
Marco Ranucci, Milan, Italy  
Peter Rimensberger, Genève, Switzerland  
Dario Salvo, Taormina, Italy  
Francesco Santoro, Genoa, Italy  
Brigitte Stiller, Berlin, Germany  
Gino Tripodi, Genoa, Italy  
Gianluca Trocchio, Genova, Italy  
Giulia Tuo, Genoa, Italy  
Lucio Zannini, Genoa, Italy  
**Collateral Nursing Session**  
Annalisa Costa, Genova, Italy  
Antonella Degani, Pavia, Italy  
Monica Faggiolo, Genova, Italy  
Davide Ghitti, Bergamo, Italy  
Flavia Montanari, Genova, Italy  
Elisa Ponzoni, Genova, Italy  
Giuseppe Squillaci, Genova, Italy

## PRELIMINARY PROGRAMME

### Friday March 28th

.8.00 Registration  
8.15 Welcome address

#### 1st session : WAITING FOR THE NEONATE WITH CHD Chairman: Maurizio Marasini

9.00 Perinatal planning  
**D. Paladini**  
9.20 Neonatal and prenatal transcatheter interventions  
**G. Tuo**  
9.40 New diagnostic tools  
**G. Trocchio**  
10.00 Genetic neonatal evaluation  
**M. Lerone**  
10.40 **Interactive discussion**  
11.00 Coffee break

#### 2nd session: NEONATAL & PEDIATRIC OPEN HEART SURGERY Chairman: L. Zannini

11.20 Neonatal and pediatric surgery : last topics  
**to be defined**  
11.40 Hybrid procedures: the cardiologist  
**M. Marasini**

12.00 Hybrid procedures: the surgeon  
**F. Santoro**  
12.20 Lecture “40 years surgery of univentricular hearts”  
**to be defined**

12.50 Lunch

#### 3rd session: CARDIOPULMONARY BYPASS Chairman: M. Ranucci

14.00 Normothermia vs hypothermia : is it still a debate?  
**F. Lerzo**  
14.20 Coagulation and hemostasis in real time  
**M. Ranucci**  
14.40 Update on myocardial protection  
**G. Gargiulo**  
15.00 How to fill patients: the intensivist vs transfusionist  
**A. Dehò , G. Tripodi**  
15.20 **Interactive discussion**  
15.40 Tea break

#### 4th session : THE MECHANICAL SUPPORT Chairman: F. Santoro

16.00 Indications and results  
**M. Griselli**  
16.20 How to support the baby  
**B. Stiller**  
16.40 Trasporting a supported patient  
**A. Moscatelli**  
17.00 **Interactive discussion**  
17.20 End of session

### Saturday March 29th

#### 1st session : CARDIAC OUTPUT AND MONITORING Chairman: D. Bohn

9.00 SVO2, NIRS, etc.: a continuous monitoring  
**P. Cogo**  
9.20 Inflammatory and functional markers: what utility?  
**D. Salvo**  
9.40 How to check the patient: possibility or necessity  
**G. Di Dedda**  
10.00 **Interactive discussion**  
10.20 Coffee break

#### 2nd session: VENTILATION MODES Chairman: Ph. Pouard

10.40 HOFV in cardiac ICU  
**D. Bohn**  
11.00 Assisting spontaneous breathing in the cardiac ICU  
**P. Rimensberger**  
11.20 Management of pulmonary vascular resistances  
**F. Grasso**  
11.40 **Interactive discussion**

12.00 Lecture: “Hemodynamic monitoring in ICU”  
**D. Bohn**

12.30 Lunch

## MAIN MEDICAL SESSION

#### 3rd session: CARDIOPULMONARY INTERACTIONS Chairman: P. Rimensberger

14.00 An unstable stability  
**D. Bohn**  
14.20 Mechanical ventilation or not?  
**Ph. Pouard**  
14.40 Protective ventilation : focus on the cardiac baby  
**P. Rimensberger**  
15.00 **Interactive discussion**  
15.20 Tea break

#### 4th session :CARDIAC DISEASE IN NEONATES Chairman: P. Cogo

15.40 The neonate with CHD in the pediatric hospital  
**F. Lerzo**  
16.00 Children in the adult hospital: how to interact  
**M. Pozzi**  
16.20 **Interactive discussion**

## COLLATERAL NURSING SESSION

#### 3rd session : PATIENT TRANSFER DURING ECMO Chairman: A. Degani

14.00 Moving patients inside the hospital  
**F. Montanari**  
14.20 Transfer to another hospital  
**M. Faggiolo**  
14.40 Receiving the patient on ECMO  
**D. Ghitti**  
15.00 **Interactive discussion**

15.20 Tea break

#### 4th session: CARDIAC MONITORING Chairman: M. Faggiolo

15.40 Monitoring during CPB: the perfusionist  
**G. Squillaci**  
16.00 Monitoring in the ICU : the nurse  
**E. Ponzoni**  
16.20 Management and care of the supported patient  
**A. Costa**

16.40 Lecture: “Changing profile of the cardiac patient population in intensive care unit in current era”  
**A. Hoskote**

17.00 Closing remarks  
Customer satisfaction questionnaire  
Evaluation test