

GENERAL INFORMATION

Registration

The course is addressed to Physicians and Technicians of cardiovascular pathophysiology and cardiovascular perfusion

80 applicants will be admitted.

Deadline for registration: **February 28th, 2011**

Fill in the registration form available on www.sispge.com and return it to the organizing secretariat.

Registration fees

The fee of **€ 400,00** for physicians and **€ 300,00** for technicians of cardiovascular pathophysiology and cardiovascular perfusion covers: access to scientific sessions, abstracts, 4 coffee breaks, 2 lunches and attendance certificate.

11 Italian CME (n. 11 crediti ECM) will be given to:

- ✚ **Physicians:** cardiosurgery, cardiology, anesthesia and resuscitation
- ✚ **Technicians of cardiovascular pathophysiology and cardiovascular perfusion**

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 or a taxi to Via Romana della Castagna.

TRAIN: Participants arriving to Genova by train should bear in mind that there are two major stations in the city: Genova-Brignole and Genova-Principe. Not all the trains – particularly from northern Italy (e.g., Milano) – pass through Genova-Brignole: therefore, make sure that your train does indeed stop at Genova-Brignole.

From Genova Brignole railway station, take bus n. 17 and get off in Corso Europa, in front of the AC Hotel/Coop supermarket.

CAR: motorway exit Genova-Nervi, take Corso Europa westwards, take the overpass and drive eastwards, pass Hotel AC and ESSO gas station on the right, after 50 mt. turn right into Via Romana della Castagna, go straight 80 mt., enter the gate on the right leaving the church on the left and follow signs for parking.

Bus: *From downtown:* take bus n. 17 (eastwards) and get off in Corso Europa, in front of Hotel AC (see car).

From Genova-Nervi: take bus n. 17 (westwards) and get off in Corso Europa, in front of AC Hotel; cross the road and turn to your left (see car)

Accommodation:

Please make your own arrangements

Hotel AC****: tel.: 010 3071180 (5 min. on foot from the venue)

Hotel Iris***: tel.: 010 3760703

Il Giardino di Albaro***: tel. 010 366276

Venue

Badia della Castagna
Via Romana della Castagna, 11 A
16148 Genova Quarto
Tel. 010 5636.865

Scientific Committee

Franco Lerzo

U.O.S. Anestesia e Terapia Intensiva Cardiologia

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Organizing Secretariat

Lena Cosulich

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THE BABY ON BYPASS

The Intensive Management of Children undergoing Open Heart Surgery

March 31st – April 1st, 2011

Badia della Castagna, Genova - Italy



Istituto Giannina Gaslini
Genova

Centro Internazionale di Studi e Formazione "Germana Gaslini"

Director: **Antonio Infante**

Course Directors: **Pietro Tuo, Lucio Zannini**

SPEAKERS AND CHAIRS

Castagnola E. - Ist. G. Gaslini, Genova

Ciccarello G. - Roma

Di Dedda G. - Ospedali Riuniti di Bergamo

Frascaroli G. - Policlinico Sant'Orsola, Bologna

James I. - Great Ormond Street Hospital, London, U.K.

Lerzo F. - Ist. G. Gaslini, Genova

Marasini M. - Ist. G. Gaslini, Genova

Massone L. - Ist. G. Gaslini, Genova

Moschetti R. - Ospedale Pediatrico Apuano, Massa

Picardo S. - Ospedale Bambino Gesù, Roma

Pouard P. - Hôpital Necker, Paris, France

Ranucci M. - Ospedale San Donato, Milano

Rimini A. - Ist. G. Gaslini, Genova

Rossi F. - Centro Monzino, Milano

Salvo D. - Presidio Ospedaliero San Vincenzo, Taormina

THURSDAY, MARCH 31ST, 2011

NEONATAL CPB

1st session : NEONATAL MANAGEMENT

Interactive test (neonatal cardiac surgery)

09.10 **The heart disease in utero: management at birth**

09.30 **Preoperative management of the newborn**

09.50 **Techniques of anesthesia in neonatal cardiac surgery**

10.10 **Analysis of questionnaires and interactive discussion**

10.30 - 11.00 coffee break

M. Marasini - Ist. Gaslini, Genova

S. Picardo - H Bambino Gesù, Roma

I. James - GOSH, Londra

2nd session : CPB IN NEONATES

Interactive test (cardiopulmonary bypass in neonates)

11.10 **Consequences of CPB in infant and their control**

11.30 **Preparing the circuit for neonatal open heart surgery**

11.50 **Bleeding control at the end of bypass**

12.10 **Analysis of questionnaires and interactive discussion**

13.00 - 14.00 LUNCH

P. Pouard, - H. Necker, Parigi

F. Rossi - Centro Monzino, Milano

M. Ranucci - H S. Donato, Milano

3rd session : POSTOPERATIVE MANAGEMENT

Interactive test (postoperative management)

14.10 **Pharmacologic support: role of new vasoactive drugs**

14.30 **Principles of mechanical ventilation after surgery**

14.50 **Assessment of cardiac output in early postoperative period**

15.10 **Analysis of questionnaires and interactive discussion**

15.30 - 16.00 tea break

16.00 **New perspectives of postoperative treatment**

16.30 **Final discussion**

D. Salvo - H. Taormina

S. Picardo - H Bambino Gesù, Roma

R. Moschetti - OPA, Massa

P. Pouard - H. Necker, Parigi

FRIDAY, APRIL 1ST, 2011

PEDIATRIC CPB

4th session : HEART AND CONTRACTILITY

Interactive test (heart physiopathology)

09.10 **Myocardial contractility and its postoperative dysfunction**

09.30 **Myocardial protection**

09.50 **The difficult weaning from cardiopulmonary bypass**

10.10 **Analysis of questionnaires and interactive discussion**

10.30 - 11.00 coffee break

P. Pouard - H. Necker, Parigi

G. Frascaroli - PSO Bologna

F. Lerzo - Ist. Gaslini, Genova

5th session : INTRAOPERATIVE MANAGEMENT

Interactive test (intraoperative management)

11.10 **Role of intraoperative echocardiography**

11.30 **Neurologic management during hypothermic arrest**

11.50 **Continuous monitoring during cardiopulmonary bypass**

12.10 **Analysis of questionnaires and interactive discussion**

13.00 - 14.00 LUNCH

I. James - GOSH, Londra

G. Frascaroli - POS Bologna

G. Ciccarello - Roma

6th session : POSTOPERATIVE MANAGEMENT

Interactive test (postoperative management)

14.10 **Postoperative arrhythmias**

14.30 **Antibiotic prophylaxis vs therapy**

14.50 **Postoperative mechanical support**

15.10 **Analysis of questionnaires and interactive discussion**

15.30 - 16.00 tea break

16.00 **Control of postoperative pain in children**

16.30 Last discussion, acknowledgements and greetings

A. Rimini - Ist. Gaslini, Genova

E. Castagnola - Ist. Gaslini, Genova

G. Di Dedda - H. Bergamo

L. Massone - Ist. Gaslini, Genova