

THIRD EDITION

SUMMER TALKS IN BOLOGNA ON PEDIATRIC AND CONGENITAL CARDIAC SURGERY

Emergency
and critical care
in newborns
with congenital
cardiac defects

JUNE
13-14
2025

PROGRAM



INTERNATIONAL
MEETING

BOLOGNA

CONGRESS PRESIDENTS

Prof.ssa Emanuela Angeli

Pediatric Cardiac Surgery and Adult Congenital Heart Disease Program,
Department of Cardio-Thoracic and Vascular medicine
IRCCs Azienda Ospedaliero-Universitaria di Bologna - Italy

Dott. Andrea Donti

Pediatric and Grown-up Congenital Cardiologi Unit
Department of Cardio-Thoracic and Vascular medicine
IRCSS Azienda Ospedaliera Universitaria di Bologna - Italy

HONORARY PRESIDENT

Prof. Gaetano D. Gargiulo

Full Professor of the Department of Experimental, Diagnostic and Specialty
Medicine Università di Bologna - Italy

PROGRAM AT A GLANCE

Friday, June 13th

Time	Plenary Room	Parallel Sessions
9:00	Greetings	
9:30 - 10:45	Session I Up-to-date insights into newborns with congenital heart defects	
10:45 - 11:15	<i>Coffee break</i>	
11:15 - 12:45	Session II Born without prenatal diagnosis	Perfusionist session I Key principles guiding neonatal cardiopulmonary bypass procedures
12:45 - 14:00	<i>Lunch</i>	
14:00 - 15:45	Session III The left ventricle	Perfusionist session II Advances in neonatal extracorporeal membrane oxygenation
16:45- 16:15	<i>Coffee break</i>	
16:15 - 17:30	Session IV Complex Aortic Pathologies	

Saturday, June 14th

Time	Plenary Room	Parallel Sessions
9:00 - 10:15	Session V Save the last emergency in neonatal cardiac surgery	Perfusionist session III Beyond emergency care: the complexities and evolution of ECMO
10:15 - 10:45	Main Lecture Neonatal Ebstein	
10:45 - 11:15	<i>Coffee break</i>	
11:15 - 12:30	Session VI Neonatal heart failure	
12:30 - 14:00	<i>Lunch</i>	
14:00 - 15:30	Session VII ECMO in newborns	
15:30 - 15:45	Main Lecture Reshaping the landscape after neonatal cardiac surgery: the ACHD prospective	
15:45 - 16:45	ECMO RACE	

SCIENTIFIC PROGRAM - FRIDAY, JUNE 13TH 2025

08:00 Participants' Registration

09:00 **Welcome Greetings**

09:30 – 10:45 Session I

Up-to-date insights into newborns with congenital heart defects

Moderators: *Giovanni Di Salvo, Giuliana Simonazzi*

09:30 **How has the cardiac neonatal emergency landscape changed in the last decades?**

Emile Bacha

09:45 **The role of prenatal diagnosis in complex congenital heart disease**

Damien Bonnet

10:00 **The changing role of fetal MRI**

Paola Franceschi

10:15 **Genetic patterns' influence**

Anwar Baban

10:30 Discussion

10:45 *Coffee Break*

11:15 – 12:45 Session II - Born without prenatal diagnosis

Moderators: *Anna Balducci, Luigi Tommaso Corvaglia*

11:15 **Multiorgan crash at delivery**

Diana Vargas

11:30 **Refractory arrhythmia from foetus to birth**

Gabriele Bronzetti

11:45 **NICU management**

Francesca Vitali

12:00 **PDA closure: special focus on premature patients**

Alain Fraisse

12:15 **More than heart – Associated comorbidities: quests or main topics**

Mario Lima

12:30 Discussion

11:15 – 12:45 Perfusionist session I

Key principles guiding neonatal cardiopulmonary bypass procedures

11:15 **Welcome greetings**

11:20 **CPB setting in newborns**

11:40 **UF strategies and inflammatory response control in newborns**

12:00 **Blodless strategies in neonates**

12:20 **Advanced monitoring during CPB**

12:40 Discussion

12:45 *Lunch*

SCIENTIFIC PROGRAM - FRIDAY, JUNE 13TH 2025

14:00 – 15:45 Session III - The left ventricle

Moderators: *Marta Agulli, Giovanni Battista Luciani*

14:00 **Neonatal cardiac stabilization: multifactorial aspects**

Luca Ragni

14:15 **HLHS traditional surgery**

Boulos Asfour

14:30 **Borderline left ventricle**

Lorenzo Galletti

14:45 **Total interventional approach to HLHS**

Nicola Maschietto

15:00 **ICU management of hybrid HLHS**

Blanka Steinbrenner

15:15 Discussion

14:00 – 15:45 Perfusionist session II

Advances in neonatal extracorporeal membrane oxygenation

14:00 **Selective organ perfusion**

14:20 **Myocardial protection strategy**

14:40 **Hypothermic vs normothermic management in CPB**

15:00 **Del Nido cardioplegia circuit presentation**

15:10 Discussion

15:45 *Coffee Break*

16:15 – 17:00 Joint Session IV - Complex Aortic Pathologies

Moderators: *Boulos Asfour, Guido Oppido*

16:15 **Ross and Konno-Ross operation in neonatal age**

Mark Hazekamp

16:30 **Balloon Angioplasty**

Elisabetta Mariucci

16:45 **Aortic arch repair**

Emanuela Angeli

17:00 **Advanced monitoring in neonatal arch repair**

Ehrenfried Schindler

17:15 Discussion

17:30 – 18:00 Main Lecture

**Advanced cardiac imaging in neonate with congenital heart disease:
how to make it relevant**

Rahul Rathod

SCIENTIFIC PROGRAM - SATURDAY, JUNE 14TH 2025

09:00 – 10:15 Session V

Save the last emergency in neonatal cardiac surgery

Moderators: *Alessandro Giamberti, Mark Hazekamp*

09:00 **TAPVC**

Olivier Raisky

09:15 **Shunt or not shunt for severe RVOT obstruction**

Vladimiro Vida

09:30 **Better to stent?**

Gianfranco Butera

09:45 **Other than cardiac surgery**

To be defined

10:00 Discussion

10:15 – 10:45 Main Lecture

Neonatal Ebstein

Emile Bacha

09:00 – 10:45 Perfusionist session III

Beyond emergency care: the complexities and evolution of ECMO

09:00 **ECMO guidelines**

09:15 **Cannulation strategies for ECMO in newborn**

09:30 **Anticoagulation strategy**

09:45 **UF strategy and Dialysis in ECMO**

10:00 **ECMO on air**

10:15 **ECMO and premature**

10:30 **Advanced monitoring in ECMO**

10:45 Discussion

10:45 *Coffee Break*

SCIENTIFIC PROGRAM - SATURDAY, JUNE 14TH 2025

11:15 – 12:30 Session VI - Neonatal Heart Failure

Moderators: *Luca Ragni, Blanka Steinbrenner*

- 11:15 **Medical management of severe heart failure in newborn**
Damien Bonnet
- 11:30 **Neonatal heart transplant**
Lucio Careddu
- 11:45 **Medical frontiers after heart transplant in neonatal population**
Tammam Hasan
- 12:00 **VAD in newborn: past, present and future**
Antonio Amodeo
- 12:15 Discussion
- 12:30 *Lunch*

14:15 – 15:45 Session VII - ECMO in newborns

Moderators: *Ehrenfried Schindler, Vladimiro Vida*

- 14:15 **Prematurity and ECMO**
Andrea Moscatelli
- 14:30 **Cardiac ECMO in newborns**
Francesca Sperotto
- 14:45 **The role of feeding and caloric intake in ECMO**
To be defined
- 15:00 **What is the current understanding of neurological outcomes following neonatal cardiac surgery?**
To be defined
- 15:15 Discussion

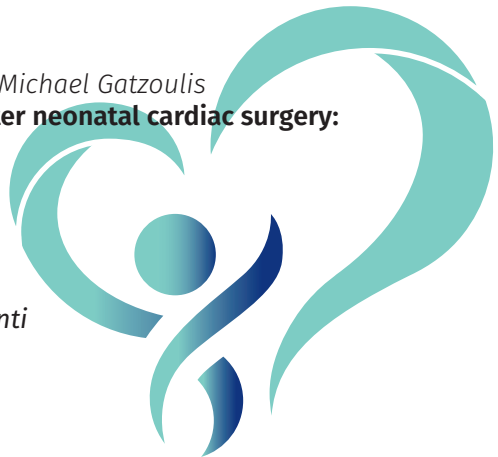
15:30 – 15:45 Main Lecture

Moderators: *Gabriele Egidy Assenza, Michael Gatzoulis*

**Reshaping the landscape after neonatal cardiac surgery:
the ACHD prospective**
Margherita Brida

15:45 - 16:45 ECMO RACE

- 16:45 **End of the Meeting**
Emanuela Angeli, Andrea Donti



FACULTY*

Marta **Agulli** (Bologna, Italy)
Antonio **Amodeo** (Roma, Italy)
Emanuela **Angeli** (Bologna, Italy)
Boulos **Asfour** (Bonn, Germany)
Anwar **Baban** (Roma, Italy)
Emile **Bacha** (New York, USA)
Damien **Bonnet** (Paris, France)
Margarita **Brida** (London, UK)
Gabriele **Bronzetti** (Bologna, Italy)
Gianfranco **Butera** (Roma, Italy)
Lucio **Careddu** (Bologna, Italy)
Michela **Corradini** (Bologna, Italy)
Luigi Tommaso **Corvaglia** (Bologna, Italy)
Mauro **Cotza** (Milano, Italy)
Giovanni **Di Salvo** (Padova, Italy)
Andrea **Donti** (Bologna, Italy)
Gabriele **Egidy Assenza** (Bologna, Italy)
Francesca **Esposito** (Bologna, Italy)
Alain **Fraisse** (London, UK)
Paola **Franceschi** (Bologna, Italy)
Lorenzo **Galletti** (Roma, Italy)
Michael **Gatzoulis** (London, UK)
Alessandro **Giamberti** (Milano, Italy)
Chiara **Giorni** (Roma, Italy)
Mark **Hazekamp** (Leiden, Netherlands)
Tammam **Hasan** (Bologna, Italy)
Mario **Lima** (Bologna, Italy)
Giovanni Battista **Luciani** (Verona, Italy)
Elisabetta **Mariucci** (Bologna, Italy)
Nicola **Maschietto** (Boston, USA)
Andrea **Moscatelli** (Genova, Italy)
Guido **Oppido** (Napoli, Italy)
Clauss Jurgen **Preusse** (Bonn, Germany)
Olivier **Raisky** (Paris, France)
Luca **Ragni** (Bologna, Italy)
Rahul **Rathod** (Boston, USA)
Ehrenfried **Schindler** (Bonn, Germany)
Giuliana **Simonazzi** (Bologna, Italy)
Francesca **Sperotto** (Boston, USA)
Blanka **Steinbrenner** (Frankfurt, Germany)
Diana **Vargas** (New York, USA)
Vladimiro **Vida** (Padova, Italy)
Francesca **Vitali** (Bologna, Italy)
Federica **Zanzico** (Bologna, Italy)

* Faculty subject to change

GENERAL INFORMATION

MEETING WEBSITE

<https://summertalks2025.noemacongressi.it>

VENUE

Royal Hotel Carlton

Via Montebello, 8 - 40121 Bologna - Italy

The Hotel is in the centre of Bologna, close to the railway station and just a short walk from Piazza Maggiore and the Two Towers.

OFFICIAL LANGUAGE

The official language of the Meeting is English.

EXHIBITION AREA

A technical exhibition will take place throughout the meeting.

CERTIFICATE OF ATTENDANCE

The certificate of attendance will be sent by e-mail at the end of the meeting.

REGISTRATION

	Before March 31 st	After March 31 st
Physicians - Perfusionist	€ 146,40 (22% VAT included)	€ 244,00 (22% VAT included)
Nurse - Resident Bioengineer	€ 100,00 (22% VAT included)	€ 100,00 (22% VAT included)

HOW TO REGISTER

Online registration at:

Registration fee includes:

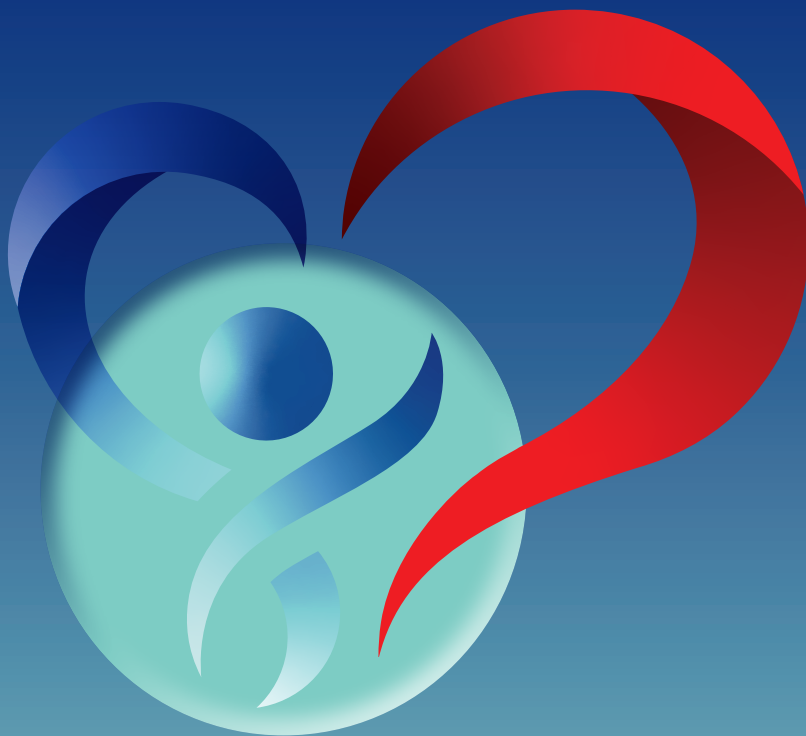
- Access to the Scientific sessions of the meeting
- Conference kit
- Certificate of attendance
- Coffee break

Conference Dinner on Friday, June 13th

€ 60,00 (VAT included)

Golf Club Siepelunga - Boccone del Prete Restaurant





SPONSORSHIP & ORGANIZING SECRETARIAT

N O E M A

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