

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



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  
IRCCS 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

## UNDER THE PATRONAGE OF



This meeting aims to provide a framework for a multidisciplinary approach in the management of common neonatal cardiac emergencies and reinforce key case-based educational pearls.

It is tailored to pediatric cardiac surgeons, neonatologists, pediatric cardiologists, anesthesiologists, gynecologists, perfusionists, trainees, advanced practice practitioners, intensive care nurses.

### **SUMMER TALKS 2025**

- **Fetal cardiology**
- **Premature newborns with congenital cardiac defects: special care required**
- **Emergencies in neonates with congenital cardiac defects**
- **Advanced neonatal airways management**
- **Heart and Beyond: the complex cardiac neonate with other major malformations**
- **Cardiac failure**
- **Pulmonary hypertension**

### **PERFUSION VALLEY IN SUMMER TALKS 2025**

Summer Talks it's an international meeting that takes place in Bologna with the intention to reunite the most important experts of diagnosis and treatment of congenital heart defects. It also tend to encourage discussions and exchanges on good practices and methodologies for the benefit of this field.

But this is not all, Summer Talks is much more. Bologna is located in a specific region of Italy, called Emilia Romagna. From this land, are produced most of the technologies for the extracorporeal circulation.

“Perfusion Valley 2025” in the Summer Talks, it's a new international initiative. It will facilitate the perfusionist from all over the world to have the opportunity to discuss on a very complex theme, such as the emergency management of newborns with congenital heart disease

All the companies that works in the sector of perfusion or in particular in this “Valley”, will be asked to present their technology and their history, in order to participate in highly specialized sessions. Furthermore, they will take part of the “perfusion round tables” with perfusionists and doctors.

- **Management of newborns with congenital cardiac difect: low birth weight and preterm babies, special skills**
- **Selective organ perfusion**
- **ECMO team**

### **NURSE TRAINING IN SUMMER TALKS 2025**

- **Point of care ultrasound in the NICU**

## PROGRAM AT A GLANCE

Friday, June 13<sup>th</sup>

Time	Plenary Session	Parallel Session
9:00	<b>Greetings</b>	
9:30 - 10:45	<b>Session I</b> Up-to-date insights into newborns with congenital heart defects	
10:45 - 11:15	<i>Coffee break</i>	
11:15 - 12:45	<b>Session II</b> Born without prenatal diagnosis	<b>Perfusionist session I</b> Key principles guiding neonatal cardiopulmonary bypass procedures
12:45 - 14:00	<i>Lunch</i>	
14:00 - 15:45	<b>Session III</b> The left ventricle	<b>Perfusionist session II</b> Advances in cardiopulmonary bypass
16:45- 16:15	<i>Coffee break</i>	
16:15 - 17:30	<b>Session IV</b> Complex Aortic Pathologies	
17:30 - 18.00	<b>Main Lecture</b> Advanced cardiac imaging in neonate with congenital heart disease: how to make it relevant	

## PROGRAM AT A GLANCE

**Saturday, June 14<sup>th</sup>**

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

PLENARY SESSION

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**

*Malenka Bissel*

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. Prevention of VRS infection before and after neonatal cardiac surgery**

*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

12:45 *Lunch*

# SCIENTIFIC PROGRAM - FRIDAY, JUNE 13<sup>TH</sup> 2025

## PARALLEL SESSION

### 11:15 – 12:45 Perfusionist session I

#### Key principles guiding neonatal cardiopulmonary bypass procedures

**Moderators:** *Filip De Somer, Alvise Guariento*

11:15 **Welcome greetings**

*Marta Agulli*

11:25 **CPB setting in newborns**

*Federica Zanzico*

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

*Micol Maggia*

11:55 **Blodless strategies in neonates**

*TBD*

12:10 **Advanced monitoring during CPB**

*TBD*

12:25 Discussion

12:45 *Lunch*

## PLENARY SESSION

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

**Moderators:** *Andrea Donti, 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

15:45 *Coffee Break*

## SCIENTIFIC PROGRAM - FRIDAY, JUNE 13<sup>TH</sup> 2025

### PARALLEL SESSION

#### **14:00 – 15:45 Perfusionist session II** **Advances in neonatal cardiopulmonary bypass**

**Moderators:** *Lucio Careddu, Giulia Bravetti*

**14:00 Selective organ perfusion**

*Francesca Esposito*

**14:15 Intraoperative myocardial protection in newborns is still a multifactorial challenge**

*Clauss Jurgen Preusse*

**14:30 Hypothermic vs normothermic management in CPB**

*Mauro Cotza*

**14:45 Del Nido cardioplegia circuit presentation**

*Michela Corradini*

**15:00 Kidney protection during neonatal arch surgery: total body perfusion technique**

*José Ángel Zamorano Serrano*

15:10 Discussion

15:45 *Coffee Break*

### PLENARY SESSION

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

**Moderators:** *Boulos Asfour, Guido Oppido*

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

*Mark Hazekamp*

**16:30 Transcatheter balloon aortic valvuloplasty**

*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**

**Presented by** *Andrea Donti*

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

*Rahul Rathod*

# SCIENTIFIC PROGRAM - SATURDAY, JUNE 14<sup>TH</sup> 2025

## PLENARY SESSION

### 09:00 – 10:15 Session V

#### Save the last emergency in neonatal cardiac surgery

**Moderators:** *Alessandro Giamberti, Nicola Maschietto*

09:00 **TAPVC**

*Olivier Raisky*

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

*Vladimiro Vida*

09:30 **Better to stent?**

*Giuseppe Santoro*

09:45 **Other than cardiac surgery**

*To be defined*

10:00 Discussion

### 10:15 – 10:45 Main Lecture

**Presented by** *Emanuela Angeli*

**Neonatal Ebstein**

*Emile Bacha*

## PARALLEL SESSION

### 09:00 – 10:45 Perfusionist session III

#### Beyond emergency care: the complexities and evolution of ECMO

**Moderators:** *Francesca Sperotto, Mauro Lo Rito*

09:00 **ECMO guidelines**

*Marta Agulli*

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

*Lorenzo Boni*

09:30 **Anticoagulation strategy**

*Chiara Giorni*

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

*Filip De Somer*

10:00 **Infection in ECMO**

*Renato Pascale*

10:15 **Advanced monitoring in ECMO**

*Luisa Baron*

10:45 Discussion

10:45 *Coffee Break*

## 11:15 – 15:15 SUMMER TALKS FOR ICU NURSES

# SCIENTIFIC PROGRAM - SATURDAY, JUNE 14<sup>TH</sup> 2025

## PLENARY SESSION

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

**Moderators:** *Luca Ragni, Oliver Raisky*

- 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 small weight infants: 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**  
*Franecesca Sperotto*
- 14.45 **The role of feeding and caloric intake in newborns with severe heart failure**  
*Arianna Aceti*
- 15:00 **ECMO on air**  
*TBD*
- 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 **End of the Meeting**  
*Emanuela Angeli, Andrea Donti*

15:50 - 16:50 ECMO RACE

## FACULTY\*

Arianna **Aceti** (Bologna, Italy)  
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)  
Anna **Balducci** (Bologna, Italy)  
Luisa **Baron** (Madrid, Spain)  
Malenka **Bissel** (Leeds, UK)  
Lorenzo **Boni** (Madrid, Spain)  
Damien **Bonnet** (Paris, France)  
Giulia **Bravetti** (Roma, Italy)  
Margarita **Brida** (London, UK)  
Gabriele **Bronzetti** (Bologna, Italy)  
Lucio **Careddu** (Bologna, Italy)  
Michela **Corradini** (Bologna, Italy)  
Luigi Tommaso **Corvaglia** (Bologna, Italy)  
Mauro **Cotza** (Milano, Italy)  
Filip **De Somer** (Ghent, Belgium)  
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)  
Alvise **Guariento** (Padova, Italy)  
Tammam **Hasan** (Bologna, Italy)  
Mark **Hazekamp** (Leiden, Netherlands)  
Mario **Lima** (Bologna, Italy)  
Giovanni Battista **Luciani** (Verona, Italy)  
Mauro **Lo Rito** (Milano, Italy)  
Micol **Maggia** (Verona, Italy)  
Elisabetta **Mariucci** (Bologna, Italy)  
Nicola **Maschietto** (Boston, USA)  
Andrea **Moscatelli** (Genova, Italy)  
Guido **Oppido** (Napoli, Italy)  
Renato **Pascale** (Bologna, Italy)  
Clauss Jurgen **Preusse** (Bonn, Germany)  
Luca **Ragni** (Bologna, Italy)  
Olivier **Raisky** (Paris, France)  
Rahul **Rathod** (Boston, USA)  
Giuseppe **Santoro** (Massa, Italy)  
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)  
José Ángel **Zamorano Serrano** (Madrid, Spain)  
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.

## ACCREDITATION



EBCP: 8 points

## CERTIFICATE OF ATTENDANCE

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

## REGISTRATION

	Before April 15 <sup>th</sup>	After April 15 <sup>th</sup>
<b>Physicians - Perfusionist</b>	€ 146,40 (22% VAT included)	€ 244,00 (22% VAT included)
<b>Nurse - Resident Bioengineer</b>	€ 100,00 (22% VAT included)	€ 100,00 (22% VAT included)
<b>Student</b>	FREE	FREE

## HOW TO REGISTER

Online registration

Registration fee includes:

Access to the Scientific sessions of the meeting, Conference kit,  
Certificate of attendance, Coffee break, Lunch.

**Conference Dinner** on Friday, June 13<sup>th</sup>

**€ 60,00 (VAT included)**

Golf Club Siepelunga - Boccone del Prete Restaurant



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## ORGANIZING SECRETARIAT

**N O E M A**

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