



INTERNATIONAL  
MEETING

BOLOGNA - ITALY

SECOND EDITION

# Summer talks in Bologna on Pediatric and Congenital Cardiac Surgery

The big challenge of adult  
with congenital heart disease

PRELIMINARY PROGRAM

JUNE  
16-17  
2023

# UNDER THE PATRONAGE OF



POLICLINICO DI **SANT'ORSOLA**



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA  
DEPARTMENT OF  
MEDICAL AND SURGICAL SCIENCES



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Dear Colleagues,

In June 2022 we decided to give birth to the “**First Edition of Summer talks in Bologna on Pediatric and Congenital Cardiac Surgery**”, a new international appointment here in Bologna with the aim to create an International conference whose purpose was to give the opportunity to deepen all the aspects of selected topics on congenital cardiac defects from neonates to adult patients. Given the interest and the enthusiastic answer of all our colleagues we decided to go forward with this experience.

In June 2023, with the support of an outstanding Faculty composed of international experts, we would like to deal with the topic of **ACHD patients**, including accurate diagnosis, timing of intervention, selection of the most suitable interventions and risk assessment. A special place will be dedicated to the management of **heart failure**.

We will have the opportunity to share our knowledge, analyze in detail the whole aspect of congenital heart diseases, and a special focus will be developed on **advanced diagnosis, 3D printing, bioinformatics and VAD support**.

The **Second Edition of Summer talks in Bologna on Pediatric and Congenital Cardiac Surgery: The big challenge of adult with congenital heart disease**” will be held in Bologna, on June 16<sup>th</sup> and 17<sup>th</sup>, 2023.

Session opening comprehensive lectures will be followed by multiple Live in a Box presentations. Through a viewer friendly layout, an appropriate time for discussion and a constant interaction between the participants and the Faculty, our meeting is conceived to be engaging.

We are looking forward to welcoming you for an unforgettable learning experience!

Warmest regards



Dott.ssa Emanuela Angeli



Dott. Andrea Donti



Prof. Gaetano D. Gargiulo

# SCIENTIFIC PROGRAM - June 16<sup>th</sup>, 2023

## MORNING SESSIONS

8.00 Participants' Registration

9.00 **Welcome Greetings**  
*G.D. Gargiulo, A. Donti*

9.20 **MAIN LECTURE**  
*Presenter: G. Egidy Assenza*  
**The changing profile of ACHD cardiovascular medicine in the 21<sup>st</sup> Century**  
*M.J. Landzberg*

### 9.45-11.15 SESSION I - THE NEED FOR LONG LIFE CARE

*Moderators: A. Giamberti, M.G. Russo*

9.45 **Challenges and complexity of transition**  
*L. Ragni*

10.00 **Clinical echocardiography of complex ACHD lesions: fieldguide for general cardiologist**  
*F. Raimondi*

10.15 **Advanced cardiac imaging in ACHD**  
*A. Secinaro*

10.30 **Printing and computation modeling for transcatheter intervention in ACHD**  
*M. Carminati*

10.45 **ACHD patients require ACHD surgeons**  
*E. Bacha*

11.00 **Discussion**

11.15 *Coffee break*

### 11.30-12.45

#### SESSION II - AORTA AND AORTIC VALVE IN COMPLEX ACHD

*Moderators: A. Balducci, D. Pacini*

11.30 **Diagnosis eco evaluation. It's not a matter of a single valve disease**  
*G. Di Salvo*

11.45 **Aortic valve repair: if, when and how**  
*O. Raisky*

12.00 **Bentall operation**  
*A.G. Quarti*

12.15 **Feasibility and effectiveness of transcatheter aortic procedure in adults with congenital heart disease**  
*M. Caputo*

12.30 **Discussion**

### 13:00-13:55

#### LUNCH SYMPOSIUM

#### BUILD A BRIDGE TO TRANSPLANT: THE COMPLEX REALITY OF ACHD PATIENTS WITH FAILING FONTAN- THE ROLE OF EXCOR<sup>®</sup> REVIVE

13.00 **The therapy of increased pulmonary resistance in Fontan**  
*S. Ovroutski*

13.10 **The EXCOR<sup>®</sup> Revive bailout of failing Fontan**  
*D. Zimpfer*

13.20 **Heart-team-based decision unfolds the optimal potential for EXCOR<sup>®</sup> Revive therapy**  
*F. De Rita*

13.30 **MCS: how to counsel patients**  
*L. Ragni*

13.40 **Discussion**

# SCIENTIFIC PROGRAM - June 16<sup>th</sup>, 2023

## AFTERNOON SESSIONS

14.30-15.45

### SESSION III - THE TRICUSPID VALVE: EBSTEIN OR NON EBSTEIN, THIS IS THE PROBLEM

Moderators: *R. Formigari, G.B. Luciani*

- 14.30 **Taxonomy of tricuspid valve disease in congenital lesions**  
*G. Egidy Assenza*
- 14.45 **Surgical Treatment of Ebstein's anomaly**  
*E. Bacha*
- 15.00 **Atrial tachyarrhythmias mechanisms and ablation in Ebstein anomaly**  
*N. MS de Groot*
- 15.15 **Tricuspid regurgitation in complex congenital heart disease**  
*S. Martens*
- 15.30 **Discussion**
- 15.45 *Coffee break*

16:00-17:00

### SESSION IV - THE ARRHYTHMIC STORM

Moderators: *S. Albanese, G. Bronzetti*

- 16.00 **Arrhythmias in adult congenital heart disease**  
*E. Rosenthal*
- 16.15 **Atrial fibrillation ablation in adults with congenital heart disease: pulmonary vein or non-pulmonary vein triggers?**  
*M. Lowe*
- 16.30 **Ventricular tachycardias in repaired tetralogy of Fallot: electroanatomical mapping and ablation or ICD?**  
*M.E. Mariucci*
- 16.45 **Discussion**
- 17.00 **MAIN LECTURE**  
*Presenter: A. Donti*  
**Pulmonary hypertension in congenital heart disease**  
*M. Gatzoulis*
- 17.20 *Closure of the day*

# SCIENTIFIC PROGRAM - June 17<sup>th</sup>, 2023

## MORNING SESSIONS

9.10 **MAIN LECTURE**  
*Presenter: E. Angeli*  
**General introduction to all opportunities and risks**  
*M. Milano*

**9.30-11.00**  
**SESSION V - BURDEN OF HEART FAILURE IN ACHD**  
*Moderators: E. Angeli, M.J. Landzberg*

9.30 **Clinical phenotypes and epidemiology of heart failure in ACHD**  
*M. Gatzoulis*

9.45 **Fontan Failure**  
*C. Ciuca*

10.00 **Management of the failing systemic right ventricle**  
*V. Hraska*

10.15 **New frontiers in transcatheter treatment of RVOT failure**  
*S.A. Qureshi*

10.30 **Multisite pacing for heart failure in congenital heart disease**  
*J. Janousek*

10.45 **Discussion**

11.00 **Coffee break**

**11.15-12.40**  
**SESSION VI - MECHANICAL CIRCULATORY SUPPORT IN ACHD PATIENTS**  
*Moderators: F. De Rita, V. Vida*

11.15 **Mandatory indications of VAD in ACHD**  
*L. Careddu*

11.30 **Before it's too late: the complexity of ECMO in emergency in single ventricle ACHD**  
*B. Stiller*

11.45 **Mechanical circulatory support in complex ACHD**  
*D. Zimpfer*

12.00 **Discussion**

12.20 **MAIN LECTURE**  
*Presenter: G.D. Gargiulo*  
**Thinking ahead: tackling heart failure in ACHD with neonatal surgical approach**  
*P. Vouhè*

**13:00-13:45**  
**LUNCH SYMPOSIUM**  
**Extending the limits of evidence: Specific PAH therapy for highly complex congenital heart disease**  
*A. Manes, A. Donti*

# SCIENTIFIC PROGRAM - June 17<sup>th</sup>, 2023

## AFTERNOON SESSIONS

14.00-15.45

### SESSION VII - HEART TRANSPLANT IN ACHD

Moderators: E. Bacha, L. Potena

- 14.00 **Patients selection and timing**  
*L. Houyel*
- 14.15 **Heart transplant in Fontan: swinging pendulum between timing and futility**  
*A. Van De Bruaene*
- 14.30 **Heart transplant, tips and tricks: indications and results**  
*E. Angeli*
- 14.45 **The role of multiorgan transplant**  
*A. Amodeo*
- 15.00 **Dominating the storm of early transplant period: the anesthesiologic view**  
*M. Agulli*
- 15.15 **Timing and prognostication in transplant medicine using AI**  
*S. Diciotti*
- 15.30 **Discussion**

15.45-17.10

### SESSION VIII - THE MORE YOU DREAM, THE FURTHER YOU GET

Moderators: A. Donti, S. Favilli

- 15.45 **Pregnancy in ACHD**  
*G. Egidy Assenza*
- 16.00 **Back to normal life: utopia of sport activity**  
*P. Ferrero*
- 16.15 **Living with a congenital cardiac defect: the answer of genetics**  
*A. Baban*
- 16.30 **Discussion**
- 16.50 **MAIN LECTURE**  
*Presenter: E. Angeli*  
**Palliative care and end of life consideration in ACHD**  
*M.J. Landzberg*
- 17.10 **Closing Remarks**  
*G.D. Gargiulo, A. Donti, E. Angeli*

## CONGRESS PRESIDENTS

### **Emanuela Angeli**

*Pediatric and Grown-up Congenital Cardiac Surgery Unit  
IRCCS Azienda Ospedaliera Universitaria di Bologna - Italy*

### **Andrea Donti**

*Chief of Pediatric and Grown-up Congenital Cardiology Unit  
IRCCS Azienda Ospedaliera Universitaria di Bologna - Italy*

### **Gaetano Domenico Gargiulo**

*Chief of Pediatric and Grown-up Congenital Cardiac Surgery Unit  
IRCCS Azienda Ospedaliera Universitaria di Bologna - Italy  
Full Professor of the Department of Medical and Surgical Sciences  
University of Bologna - Italy*





## FACULTY

Marta Agulli, Bologna - Italy  
Sonia Albanese, Rome - Italy  
Antonio Amodeo, Rome - Italy  
Emanuela Angeli, Bologna - Italy  
Anwar Baban, Rome - Italy  
Emile Bacha, New York - USA  
Anna Balducci, Bologna - Italy  
Gabriele Bronzetti, Bologna - Italy  
Massimo Caputo, Bristol - UK  
Lucio Careddu, Bologna - Italy  
Mario Carminati, Milan - Italy  
Cristina Ciuca, Bologna - Italy  
Natasja MS de Groot, Rotterdam - The Netherlands  
Fabrizio De Rita, Newcastle - UK  
Giovanni Di Salvo, Padua - Italy  
Stefano Diciotti, Bologna - Italy  
Andrea Donti, Bologna - Italy  
Gabriele Egidy Assenza, Bologna - Italy  
Silvia Favilli, Florence - Italy  
Paolo Ferrero, Milan - Italy  
Roberto Formigari, Rome - Italy  
Gaetano Domenico Gargiulo, Bologna - Italy  
Michael Gatzoulis, London - UK  
Alessandro Giamberti, Milan - Italy  
Lucile Houyel, Paris - France

Viktor Hraska, Milwaukee - USA  
Jan Janousek, Prague - Czech Republic  
Michael Job Landzberg, Boston - USA  
Martin Lowe, London - UK  
Giovanni Battista Luciani, Verona - Italy  
Alessandra Manes, Bologna - Italy  
Elisabetta Mariucci, Bologna - Italy  
Sabrina Martens, Münster - Germany  
Michela Milano, Bologna - Italy  
Stanislav Ovroutski, Berlin - Germany  
Davide Pacini, Bologna - Italy  
Luciano Potena, Bologna - Italy  
Andrea Giulio Quarti, Bologna - Italy  
Shakeel Qureshi, London - UK  
Luca Ragni, Bologna - Italy  
Francesca Raimondi, Florence - Italy  
Olivier Raisky, Paris - France  
Eric Rosenthal, London - UK  
Maria Giovanna Russo, Naples - Italy  
Aurelio Secinaro, Rome - Italy  
Brigitte Stiller, Freiburg - Germany  
Alexander Van De Bruaene, Leuven - Belgium  
Vladimiro Vida, Padua - Italy  
Pascal Vouhè, Paris - France  
David Zimpfer, Vienna - Austria

# GENERAL INFORMATION

## MEETING WEBSITE

<https://summertalks2023.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.

## INNOVATION ROOM

New tools in ACHD medicine: remote monitoring, telemedicine and augmented reality.

## EXHIBITION AREA

A technical exhibiton 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.



# GENERAL INFORMATION

## REGISTRATION

	Before March 31 <sup>st</sup>	After March 31 <sup>st</sup>
<b>Physicians</b>	€ 146,40 (22% VAT included)	€ 244,00 (22% VAT included)
<b>Nurse</b>	€ 100,00 (22% VAT included)	€ 100,00 (22% VAT included)
<b>Perfusionist</b>		
<b>Resident</b>		
<b>Bioengineer</b>		

## HOW TO REGISTER

Online registration at <https://summertalks2023.noemacongressi.it>

Registration fee includes:

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

**Conference Dinner** on Friday, June 16<sup>th</sup>: € 60,00 (VAT included).

Golf Club Siepelunga - Boccone del Prete Restaurant

# THANKS TO THE UNCONDITIONAL SUPPORT OF

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