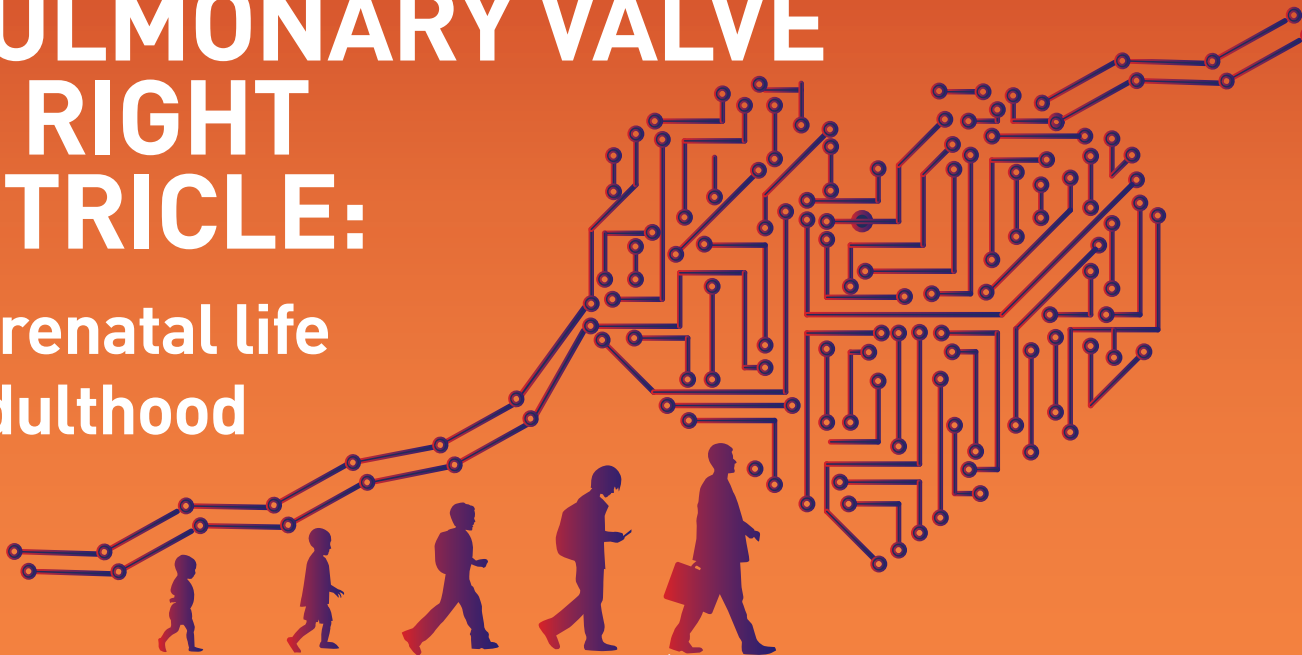


The **PULMONARY VALVE** and the **RIGHT** **VENTRICLE:**

from **prenatal life**
to **adulthood**



March 27-28, 2025

Bambino Gesù Children's Hospital - Rome



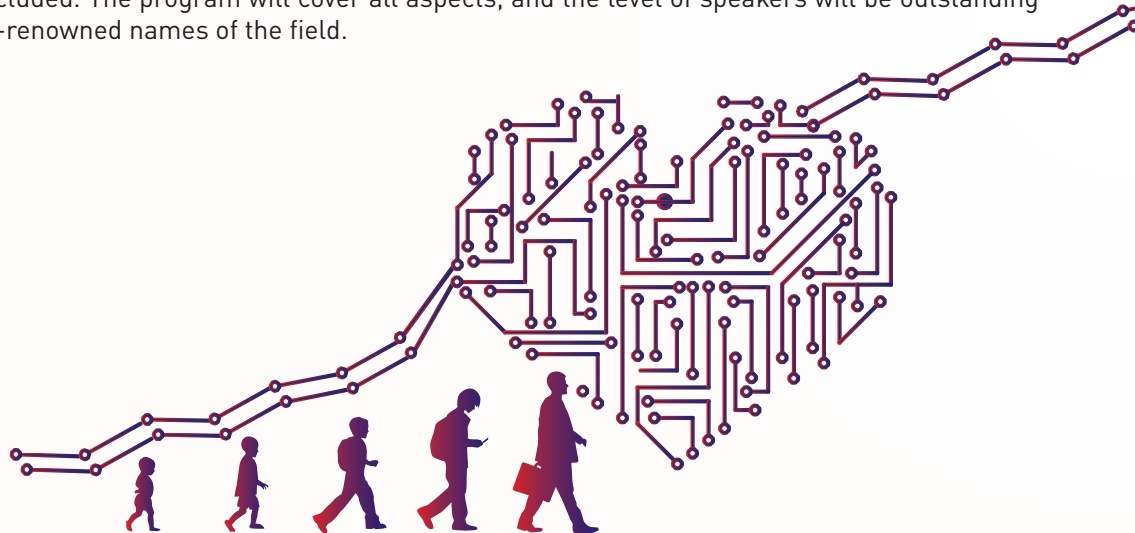
• **PRELIMINARY PROGRAM** •

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Rationale

The Objective of the meeting is to provide a deep insight into the problems of right ventricular outflow obstruction and right ventricle from fetal life to adulthood. These issues will be analyzed and evaluated from all points of view including imaging, engineering, surgical, interventional and also the point of view of allied professionals as nurses and of the patients themselves will be included. The program will cover all aspects, and the level of speakers will be outstanding including European and world-renowned names of the field.



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- Adorisio Rachele**, *Rome (Italy)*
Albanese Sonia, *Rome (Italy)*
Amodeo Antonio, *Rome (Italy)*
Baban Anwar, *Rome (Italy)*
Bartelds Beatrijs, *Rotterdam (The Netherlands)*
Bonhoeffer Johannes Philipp, *Montecastelli Pisano – PI (Italy)*
Bordonaro Veronica, *Rome (Italy)*
Borro Luca, *Rome (Italy)*
Brancaccio Gianluca, *Rome (Italy)*
Burzotta Francesco, *Rome (Italy)*
Butera Gianfranco, *Rome (Italy)*
Calò Karol, *Torino (Italy)*
Campioni Giovanna, *San Donato Milanese-MI (Italy)*
Carotti Adriano, *Rome (Italy)*
Castaldi Biagio, *Padova Italy*
Cazzoli Ilaria, *Rome (Italy)*
Cetrano Enrico, *Rome (Italy)*
Chessa Massimo, *Milano (Italy)*
Chinali Marcello, *Rome (Italy)*
Ciliberti Paolo, *Rome (Italy)*
Curione Davide, *Rome (Italy)*
Di Chiara Luca, *Rome (Italy)*
Di Mambro Corrado, *Rome (Italy)*
Di Salvo Giovanni, *Padova (Italy)*
Diller Gerhard, *Muenster (Germany)*
Drago Fabrizio, *Rome (Italy)*
Duong Phuoc, *Liverpool (United Kingdom)*
Egidy Assenza Gabriele, *Bologna (Italy)*
Festa Pierluigi, *Massa (Italy)*
Flocco Serena Francesca, *Milano (Italy)*
Frigiola Alessandra, *London (United Kingdom)*
Galletti Lorenzo, *Rome (Italy)*
Gatzoulis Michael, *London (United Kingdom)*
Giordano Ugo, *Rome (Italy)*
Graziani Francesca, *Rome (Italy)*
Iacobelli Roberta, *Rome (Italy)*
Jones Matthew, *London (United Kingdom)*
Korneyi Laszlo, *Budapest (Hungary)*
Krings Gregor, *Utrecht (The Netherlands)*
Leonardi Benedetta, *Rome (Italy)*
Lisignoli Veronica, *Rome (Italy)*
Luzi Giampaolo, *Rome (Italy)*
Massetti Massimo, *Rome (Italy)*
Montanaro Claudia, *Rome (Italy)*
Nicolò Francesca, *Rome (Italy)*
Pace Napoleone Carlo, *Torino (Italy)*
Palmieri Rosalinda, *Rome (Italy)*
Perri Gianluigi, *Rome (Italy)*
Piccinelli Enrico, *Rome (Italy)*
Pilati Mara, *Rome (Italy)*
Raponi Massimiliano, *Rome (Italy)*
Rebonato Micol, *Rome (Italy)*
Rinelli Gabriele, *Rome (Italy)*
Santoro Giuseppe, *Massa (Italy)*
Sarubbi Berardo, *Napoli (Italy)*
Schievano Silvia, *London (United Kingdom)*
Secinaro Aurelio, *Rome (Italy)*
Silvetti Massimo Stefano, *Rome (Italy)*
Sturla Francesco, *San Donato Milanese-MI (Italy)*
Toscano Alessandra, *Rome (Italy)*
Vida Vladimiro, *Padova (Italy)*

09.00-09.20 Registration

09.20-09.30 Introduction: course director and co-directors
Gianfranco Butera, Lorenzo Galletti, Aurelio Secinaro

09.30-11.00 **SESSION 1**

BEFORE AND SOON AFTER BIRTH!

Chairs: Luca Di Chiara, Giovanni Di Salvo, Mara Pilati
Discussants: Rachele Adorisio, Paolo Ciliberti, Lorenzo Galletti, Gianluigi Perri

Prenatal insights *Alessandra Toscano*

Scenarios to sustain neonatal pulmonary blood flow

- Interventional is better
Mara Pilati
- Surgery is the best option
Carlo Pace Napoleone
- Is there a role for resorbable stents
Gianfranco Butera

Surgical strategies at repair: enhancing future outcomes *Vladimiro Vida*

Deciphering destiny: genetics and future projections *Anwar Baban*

10.30-11.00 Discussion

11.00-11.15 *Coffee break*

11.15-12.45 **SESSION 2**

PATIENTS' FOLLOW-UP AND MEDICAL THERAPIES

Chairs: Ugo Giordano, Francesca Graziani, Gabriele Rinelli

Discussants: Veronica Bordonaro, Marcello Chinali, Carlo Pace Napoleone, Alessandra Toscano

Echo first: tips and tricks
Giovanni Di Salvo

Assessing activity: the role of exercise testing *Benedetta Leonardì*

Advanced imaging understandings and key considerations *Pierluigi Festa*

Anything else needed? AI to decipher the right time! *Gerhard Diller*

Medical options for failing RV
Gabriele Egidy Assenza

Heart transplantation in ToF patients? When late is too late *Rachele Adorisio*

12.15-12.45 Discussion

12.45-13.45 *Lunch*

13.45-14.15 **Key-note lecture 1**

How to decide for the right time in PVR and life!

Michael Gatzoulis

Introduction: *Claudia Montanaro*

14.15-15.15 **SESSION 3**

ELECTROPHYSIOLOGY INSIGHTS

Chairs: Sonia Albanese, Corrado Di Mambro, Fabrizio Drago

Discussants: Gabriele Egidy Assenza, Ugo Giordano, Laszlo Kornyei

Arrhythmias and SCD prevention in ToF patients *Fabrizio Drago*

Is there always the need for pre-procedural electrophysiologic study? *Laszlo Kornyei*

Ablation of atrial and ventricular tachyarrhythmias *Ilaria Cazzoli*

Cardiac device implantation
Massimo Stefano Silvetti

14.55-15.15 Discussion

15.15-15.45 *Coffee break*

15.45-17.15 **SESSION 4**

STRATEGIC PLANNING FOR PVR

Chairs: Luca Borro, Massimo Chessa, Aurelio Secinaro

Discussants: Davide Curione, Claudia Montanaro, Silvia Schievano, Laszlo Kornyei

Harnessing the power of CFD and engineering tools

Karol Calò

Assessing the predictive capabilities of simulation of PPVI events *Francesco Sturla*

Leveraging contrast-enhanced MRI, CT for planning *Aurelio Secinaro*

3D contrast-enhanced rotational angiography for planning *Gregor Krings*

Venturing into advanced technologies such as Holography, VR, and AR *Silvia Schievano*

Pre-procedural planning and real-life outcomes in self-expanding pulmonary valves

Phuoc Duong

16.45-17.15 Discussion

08.30-10.15 **SESSION 5**

TREATMENT OPTIONS ACROSS AGES

Chairs: Antonio Amodeo, Gerhard Diller, Giovanni Di Salvo

Discussants: Phuoc Duong, Matthew Jones, Rosalinda Palmieri, Vladimiro Vida

Exploring surgical options for children, adolescents, and adults *Lorenzo Galletti*

Surgical PVI

- Pericardial valves *Gianluigi Perri*
- Porcine valves *Gianluca Brancaccio*
- Homograft *Enrico Cetrano*

Transcatheter options nowadays available: pros and cons of balloon expandable valves

- Melody valve *Giuseppe Santoro*
- Edwards Sapien 3 valve *Biagio Castaldi*

Transcatheter options nowadays available: pros and cons of self-expandable valves

- Venus P Valve *Matthew Jones*
- Harmony Valve *Massimo Chessa*
- Alterra *Gianfranco Butera*

9.44-10.15 Discussion

10.15-10.30 *Coffee break*

10.30-12.00 **SESSION 6**

ASSOCIATED PROBLEMS AND HOW TO DEAL WITH THEM?

Chairs: Gianfranco Butera, Carlo Pace Napoleone, Giuseppe Santoro

Discussants: Gianluca Brancaccio, Paolo Ciliberti, Matthew Jones, Veronica Lisignoli

Pulmonary branches stenosis at various ages

Transcatheter is better *Biagio Castaldi*

Surgery is the first choice *Adriano Carotti*

Residual ASD/VSD

Transcatheter is better *Massimo Chessa*

Surgery is the first choice *Vladimiro Vida*

Exploring the role of the tricuspid valve *Gianluca Brancaccio*

The ascending aorta *Roberta Iacobelli*

11.30-12.00 Discussion

12.00-13.00 *Lunch*

13.00-14.30 **SESSION 7**

WHAT DOES IT HAPPEN AFTER PVI?

Chairs: Adriano Carotti, Michael Gatzoulis, Giampaolo Luzi

Discussants: Gianluca Brancaccio, Pierluigi Festa,
Francesca Nicolò, Aurelio Secinaro

The RV and LV in ToF *Beatrijs Bartelds*

Pregnancy *Claudia Montanaro*

Endocarditis *Alessandra Frigiola*

4D Flow insights *Enrico Piccinelli,*
Veronica Bordonaro

Lifetime management *Micol Rebonato*

PVI in geriatric congenital heart disease.
Is this going to happen? *Berardo Sarubbi*

14.00-14.30 Discussion

14.30-15.15 **Key-note lecture 2**

The pioneering role of congenital heart
disease physicians in the trans-catheter
treatment of human diseases
Johannes Philipp Bonhoeffer
Introduction: *Gianfranco Butera*

15.15-15.45 *Coffee break*

15.45-17.15 **SESSION 8**

PATIENTS' PERSPECTIVE ON A LIFETIME JOURNEY

Chairs: Francesco Burzotta, Michael Gatzoulis,
Massimo Massetti

Discussants: Johannes Philipp Bonhoeffer,
Alessandra Frigiola, Gregor Krings, Claudia Montanaro

Insights from Health System's perspectives
Massimiliano Raponi

Exploring the role of patient associations
Giovanna Campioni

The pivotal role of nurses and technicians
Serena Francesca Flocco

What I would love to have available in the future

- The surgeon's wishes *Lorenzo Galletti*
- Interventionalists' wishes *Gianfranco Butera*
- Patients' wishes *Giovanna Campioni*

16.45-17.15 Discussion

17.15 Final remarks *Gianfranco Butera*

GENERAL INFO

CONGRESS VENUE

Bambino Gesù Children's Hospital San Paolo
Auditorium Valerio Nobili
Viale Ferdinando Baldelli, 38 - 00146 Rome (Italy)

CONGRESS DIRECTOR

Gianfranco Butera

Director of Congenital and Pediatric
Interventional Cardiology
Bambino Gesù Children's Hospital - Rome

CONGRESS CO-DIRECTORS

Aurelio Secinaro

Director Unit of Thoracic
and Cardiovascular Radiology
Bambino Gesù Children's Hospital - Rome

Lorenzo Galletti

Director Cardiac Surgery
Bambino Gesù Children's Hospital - Rome

ITALIAN CME CREDITS

Provider Italian CME Credits:
I&C srl PROVIDER: 5387
ID CME ITALIAN CREDITS: 439326
I&C srl is responsible for the content, the quality and
the ethical honesty of the CME activity.

The meeting will be accredited for physicians, nurses,
pediatric nurses, cardiovascular technologist, radiologic
technologist.

Disciplines for physicians: Cardiology, Cardio Surgery,
Pediatrics, Radio diagnostics, Medical genetics.

The physicians belonging to other disciplines will not get
the credits.

Number of participants: **150**

REGISTRATIONS

Free registrations

The Registration covers: admission to Scientific Sessions,
congress kit, coffee breaks, lunches and certificate of
attendance.

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METHODOLOGY

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COURSE OBJECTIVES

Clinical, Diagnostic, Therapy, Treatment Path

LEARNING TEST

In order to obtain CME credits, it is mandatory for participants to attend 90% of the course both days and to complete CME procedures online: CME test multiple choice questions, minimum score 75%, learners' feedback form and educational needs form. Instructions will be provided on site.

ORGANIZING SECRETARIAT

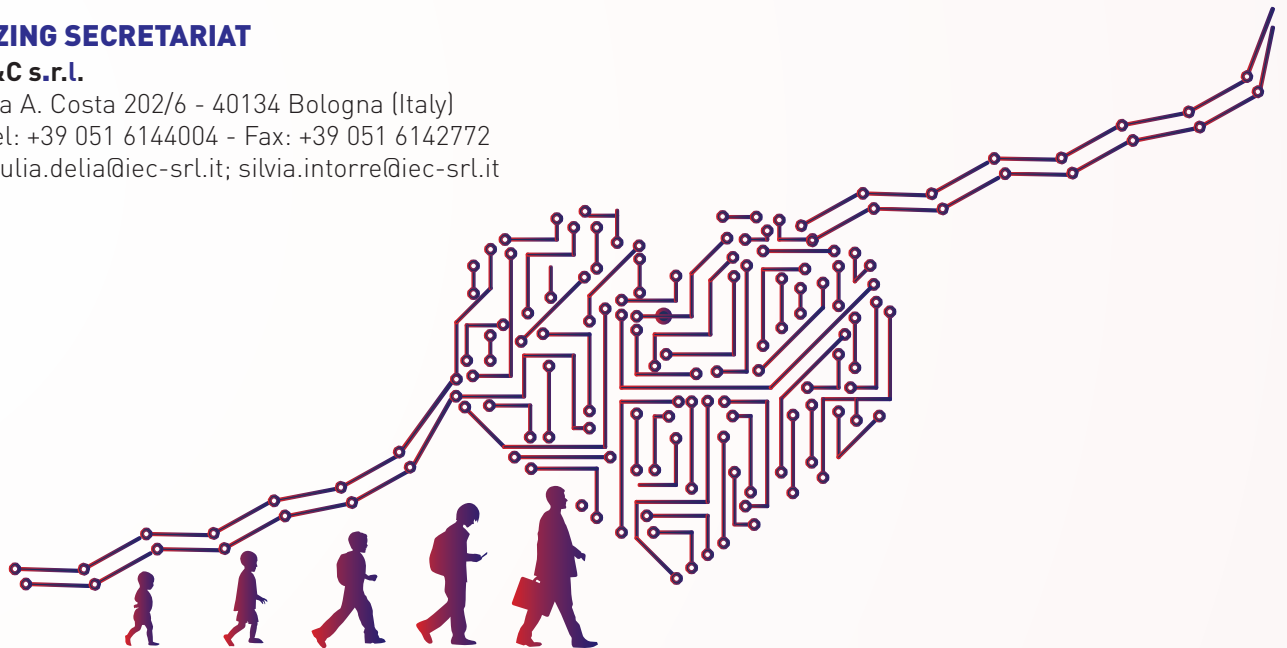


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NOTE

A series of horizontal dotted lines for writing notes, spanning the width of the page.



