

**THE PULMONARY VALVE AND THE RIGHT VENTRICLE:
FROM PRENATAL LIFE TO ADULTHOOD**

March 27-28, 2025

Ospedale Pediatrico Bambino Gesù- S. Paolo

Auditorium Valerio Nobili

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.

PROGRAM

MARCH 27

10.15 -10.30 Introduction: course directors Gianfranco Butera, Lorenzo Galletti, Aurelio Secinaro

10.30-12.00

SESSION 1: BEFORE AND SOON AFTER BIRTH!

Chairs: Luca Di Chiara, Mara Pilati, Paolo Ciliberti

- Prenatal Insights Alessandra Toscano 10 min
- Scenarios to sustain neonatal pulmonary blood flow
 - Interventional is better Giuseppe Santoro 10 min
 - Surgery is the best option Carlo Pace-Napoleone 10 min
 - Is there a role for resorbable stents Gianfranco Butera 10 min
- Surgical Strategies at repair: Enhancing Future Outcomes Vladimiro Vida 10 min
- Deciphering Destiny: Genetics and Future Projections Anwar Baban 10 min

11.30-12.00 Discussion

12.00-13.00

Lunch

13.00-14.30

SESSION 2 PATIENTS' FOLLOW-UP AND MEDICAL THERAPIES

Chairs: Gabriele Rinelli, Ugo Giordano, Marcello Chinali

- Echo first: tips and tricks Giovanni Di Salvo 10 min
- Assessing Activity: The Role of Exercise Testing Benedetta Leonardi 10 min
- Advanced Imaging understandings and key considerations Pierluigi Festa 10 min
- Anything else needed: AI to decipher the right time! Gerhard Diller 10 min
- Medical Options for failing RV min Gabriele Egidy Assenza 10 min
- Heart transplantation in ToF patients? When late is too late Rachele Adorisio 10 min

14.00-14.30 Discussion

14.30 – 15.30

SESSION 3 ELECTROPHYSIOLOGY INSIGHTS

Chairs: Corrado Di Mambro, Sonia Albanese.

Investigating rhythm issues related to RVOT problems

- Arrhythmias and SCD prevention in ToF patients Fabrizio Drago 10 min
- Is there always the need for pre-procedural electrophysiologic study? Laszlo Kornyei 10 min
- Ablation of atrial and ventricular tachyarrhythmias Ilaria Cazzoli 10 min
- Cardiac device implantation min Massimo Stefano Silveti 10 min

15.00-15.30 Discussion

15:30 – 16:00

Coffee Break

16.00 – 17.30

SESSION 4 STRATEGIC PLANNING FOR PVR

Chairs: Luca Borro, Veronica Bordonaro, Massimo Chessa

- Harnessing the power of CFD and engineering tools Marco Deriu 10 min
- Assessing the predictive capabilities of simulation of PPVI events Francesco Sturla 10 min
- Leveraging MRI, CT for planning Aurelio Secinaro 10 min
- 3D rotational angiography for planning Gregor Krings 10 min
- Venturing into advanced technologies such as Holography, VR, and AR Silvia Schievano 10 min
- Pre-procedural planning and real-life outcomes in self-expanding pulmonary valves Phuoc Duong 10 min

17.00- 17.30 Discussion

MARCH 28

8.30 -10.15

Session 5 Treatment options for Adults - Options Across Ages

Chairs: Antonio Amodeo, Giovanni Di Salvo, Rosalinda Palmieri,

- Exploring surgical alternatives for Children, adolescents, and adults (Lorenzo Galletti, Carlo Pace Napoleone) 10 min
- Surgical PVI
 - Pericardial valves Gianluigi Perri 7 min
 - Porcine valves Gianluca Brancaccio 7 min
 - Homograft Enrico Cetrano 7 min
- Evaluating current and forthcoming PPVI options
 - Transcatheter options nowadays available: pros and cons of balloon expandable
 - BOVINE-STENT VALVE 1 16-22 MM Giuseppe Santoro 7 min
 - BOVINE STENT VALVE 2 20-29 MM Biagio Castaldi 7 min
 - Transcatheter options nowadays available: pros and cons of self-expandable valves
 - SELF EXPANDABLE 1 VALVE 28-26 MM Mara Pilati 7 min
 - SELF EXPANDABLE 2 VALVE Massimo Chessa 7 min
 - PRE-ADAPTATIVE STENTING Gianfranco Butera 7 min
 - OTHER VALVES 7 min

10.15-10.45

Key-note lecture 1 –How to decide for the right time in PVR and life!

Michael Gatzoulis

Introduction: Claudia Montanaro

10.45-11.15

Coffee break

11.15 -12.45

SESSION 6 ASSOCIATED PROBLEMS AND HOW TO DEAL WITH THEM?

Chairs: Veronica Lisignoli, Carlo Pace Napoleone, Giuseppe Santoro

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

12.45-13.45

Lunch

13.45-15.15

SESSION 7 WHAT DOES IT HAPPEN AFTER PVI?

Chairs: Davide Curione, Gianluca Brancaccio, Aurelio Secinaro

The RV, The LV, The Tric Valve Roberta Iacobelli

Pregnancy	Claudia Montanaro
4D Flow insights	Enrico Piccinelli and Veronica Bordonaro
Endocarditis	Margarita Brida
Lifetime management	Micol Rebonato
PVI in geriatric congenital heart disease. Is this going to happen? What the challenges? Berardo Sarubbi	

15.15-15.45

The pioneering role of congenital heart disease physicians in the trans-catheter treatment of human diseases

Philip Bonhoeffer

Introduction: Gianfranco Butera

15:45-16.45

SESSION 8 PATIENTS' PERSPECTIVE ON A LIFETIME JOURNEY –

Chairs: Margarita Brida, Gianfranco Butera, Michael Gatzoulis, Claudia Montanaro

- Insights from a Health System's perspectives Massimiliano Raponi
- Exploring the role of patient associations Giovanna Campioni
- The pivotal role of nurses and Technicians Serena Flocco
- What I would love to have available in the future
 - THE SURGEON'S WISHES Lorenzo Galletti
 - INTERVENTIONALIS'S WISHES Gianfranco Butera
 - PATIENTS' WISHES Giovanna Campioni

16.45 Final Remarks
Galletti, Aurelio Secinaro

Gianfranco Butera, Lorenzo

GENERAL INFO

Congress venue

Ospedale Pediatrico Bambino Gesù- S. Paolo --- Auditorium Valerio Nobili

Viale Ferdinando Baldelli, 38 ---- 00146- Roma

FACULTY

Congress Director **Gianfranco Butera**

Congress co-directors **Aurelio Secinaro, Lorenzo Galletti**

SURNAME	NAME	COUNTRY
Adorisio	Rachele	Italy
Albanese	Sonia	Italy
Amodeo	Antonino	Italy
Baban	Anwar	Italy
Bonhoeffer	Philipp	Italy
Bordonaro	Veronica	Italy
Borro	Luca	Italy
Brancaccio	Gianluca	Italy
Brida	Margarita	United Kingdom
Butera	Gianfranco	Italy
Campioni	Giovanna	Italy
Carotti	Adriano	Italy
Castaldi	Biagio	Italy
Cazzoli	Ilaria	Italy
Cetrano	Enrico	Italy
Chessa	Massimo	Italy
Chinali	Marcello	Italy
Ciliberti	Paolo	Italy
Curione	Davide	Italy
Deriu	Marco	Italy
Di Chiara	Luca	Italy
Di Mambro	Corrado	Italy
Di Salvo	Giovanni	Italy
Diller	Gerhard	Germany
Drago	Fabrizio	Italy
Duong	Phuoc	United Kingdom

Egidy-Assenza	Gabriele	Italy
Festa	Pierluigi	Italy
Flocco	Serena Francesca	Italy
Galletti	Lorenzo	Italy
Gatzoulis	Michael	United Kingdom
Giordano	Ugo	Italy
Iacobelli	Roberta	Italy
Korneyi	Laszlo	Hungary
Krings	Gregor	The Netherlands
Leonardi	Benedetta	Italy
Lisignoli	Veronica	Italy
Montanaro	Claudia	Italy
Pace Napoleone	Carlo	Italy
Palmieri	Rosalinda	Italy
Perri	Gianluigi	Italy
Piccinelli	Enrico	Italy
Pilati	Mara	Italy
Raponi	Massimiliano	Italy
Rebonato	Micol	Italy
Rinelli	Gabriele	Italy
Sarubbi	Berardo	Italy
Santoro	Giuseppe	Italy
Schievano	Silvia	United Kingdom
Secinaro	Aurelio	Italy
Silvetti	Massimo Stefano	Italy
Sturla	Francesco	Italy
Toscano	Alessandra	Italy
Uricchio		Italy
Vida	Vladimiro	Italy