

# TIPS AND TRICKS IN CONGENITAL AND STRUCTURAL INTERVENTIONS

BERGAMO APRIL 5<sup>th</sup> - 6<sup>th</sup> 2018

FIFTH EDITION

*SCIENTIFIC  
PROGRAM*

# WELCOME LETTER

*Dear Colleagues,*

*It is a great pleasure to announce the fifth edition of the International meeting “Tips and Tricks in Congenital and Structural Interventions”, which will be held in Bergamo on April 5th - 6th 2018.*

*The aim of the meeting is to present and discuss particular clinical cases in round tables directed by international opinion leaders.*

*The state of the art of congenital heart disease diagnosis, with advanced techniques and the interventional treatment will be described in lectures, from fetal life to adulthood.*

*Both interventional cardiologists and cardiac surgeons will contribute to enrich the discussion on different approaches to specific hot issues.*

*Target audience: Pediatric and Adult Cardiologists, Cardiac Surgeons, Radiologists, Pediatricians, Anesthesiologists, Neurologists, Neonatologists, Junior Fellows, Nurses and Technicians interested in congenital and structural heart disease.*

*Looking forward to seeing you in Bergamo in April 2018*

**Marco Papa MD**  
Course Director



# DIRECTOR AND SCIENTIFIC COMMITTEE

## COURSE DIRECTOR

M. Papa

## SCIENTIFIC COMMITTEE

D. Federici

P. Ferrero

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S. Marcora

C. Marrone

L. Preda

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M. Senni

N. Uricchio

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# SPONSOR



# GENERAL INFO

## CONGRESS VENUE

**Auditorium "Lucio Parezan"** - Ospedale Papa Giovanni XXIII Piazza Oms, 1, Bergamo  
Ingresso: Sud/Est

## REGISTRATION FEE

Physician, Nurse, Technician      **€ 250,00** (VAT included)  
Resident      **€ 25,00** (VAT included)

The registration includes: access during the scientific session and exhibition, lunch, coffee break, congress kit, certificate of attendance.

## CONGRESS LANGUAGE

The official language of the Congress will be English.

## CERTIFICATE OF ATTENDANCE

The certificate of attendance will be sent by e-mail to all regularly registered delegates at the end of the congress.

## EXHIBITION

An exhibition of companies manufacturing technological equipment and instruments will take place during the Congress.

## ENDORSEMENTS



Società Italiana di  
Cardiologia Pediatrica e delle  
Cardiopatie Congenite


**APRIL 5<sup>th</sup>**
**08.00-08.30 REGISTRATION**08.30-08.45 **WELCOME** *C. Nicora (Bergamo)*08.45-09.00 **INTRODUCTION** *M. Papa (Bergamo)***09.00-10.40 OUTSIDE THE HEART****Chairman:** *Z. Hijazi (Doha)***Panelists:** *A. Borghi (Milan), S. Marianeschi (Milan), M. Papa (Bergamo)*

- 09.00 Which approach for which disease (the best choice and alternative)  
- how to improve patients safety *Z. Hijazi (Doha)*
- 09.20 Embolization and retrieval techniques *G. Annoni (Milan)*
- 09.40 Interventional procedure in low-weight neonates *G. Santoro (Massa)*
- 10.00 Aortic coarctation/atresia *M. Pilati (Verona)*
- 10.20 Cutting and drug eluting balloons in resistant lesions *J. DeGiovanni (Birmingham)*

**10.40-11.00 COFFEE-BREAK****11.00-13.00 INSIDE THE HEART****Chairman:** *S. Qureshi (London)***Panelists:** *Z. Hijazi (Doha), A. Varrica (S. Donato Milanese), G. Vignati (Milan)*

- 11.00 Inadequate PFO closure. What to do? *Z. Hijazi (Doha)*
- 11.20 Percutaneous closure of multi-fenestrated/aneurysmal ASDs *G. Santoro (Massa)*
- 11.40 New approaches for PFO closure *A. Gaspardone (Rome)*
- 12.00 LAA occlusion. State of the art and future perspectives *P. Mazzone (Milan)*
- 12.20 LAA clinical cases *P. Pagnotta (Milan)*
- 12.40 Pulmonary vein stenosis in different pathways *M. Carminati (S. Donato Milanese)*

**13.00-14.00 LUNCH****14.00-14.30 LECTURE: INTERVENTIONAL CARDIOLOGIST AND SURGEONS. COMPETITORS OR A REAL TEAM?****Chairmen:** *L. Galletti (Bergamo), M. Papa (Bergamo)***Speaker:** *P. Bonhoffer (Montecastelli Pisano)***14.30-16.30 HEART FAILURE IN CONGENITAL HEART DISEASE****Chairmen:** *F. Drago (Rome), A. Terzi (Bergamo), C. Marrone (Bergamo)*

- 14.30 Heart failure in CHDs: the state of the art *C. Marrone (Bergamo)*
- 14.50 Heart transplant and GUCH patients: when to list *R. Fiocchi (Bergamo)*
- 15.10 How to optimize patients in 'bridge' to transplant clinical and pharmacological management *R. Adorisio (Rome)*
- 15.30 High sensitized patients: how to manage *G. Grutter (Rome)*
- 15.50 Heart transplant and CHDs: surgical considerations *L. Galletti (Bergamo)*
- 16.10 Mechanical circulatory support in CHDs *A. Amodeo (Rome)*
- 16.30 Discussion

APRIL 6<sup>th</sup>

**08.30-10.50 VALVE REPLACEMENT/REPAIR**

**Chairman:** *M. Carminati (S. Donato Milanese)*

**Panelists:** *A. Donti (Bologna), M. Senni (Bergamo), N. Uricchio (Bergamo)*

- 08.30 Timing of pulmonary valve replacement *P. Festa (Massa)*
- 08.50 Preparation of a compliant landing zone for pulmonary valve implantation *S. Qureshi (London)*
- 09.10 Percutaneous pulmonary valve implantation in “native RVOT”: the two-step approach *G. Gagliardi (Rome)*
- 09.30 Mitral and tricuspid valve interventions *A. Ferrero (Zurich)*
- 09.50 Paravalvar leaks *M. Carminati (S. Donato Milanese)*
- 10.10 Valve in valve *J. DeGiovanni (Birmingham)*
- 10.30 Invention vs Innovation: the cycle of sustainable cardiovascular innovation *A. Guidotti (Zurich)*

**10.50-11.20 COFFEE-BREAK**

**11.20-13.00 HYBRID INTERVENTIONS**

**Chairman:** *S. Qureshi (London)*

**Panelists:** *J. DeGiovanni (Birmingham), L. Galletti (Bergamo)*

- 11.20 Atrial septal defect morphology and stenting in HLHS after hybrid palliation *P. Guccione (Rome)*
- 11.40 Congenital or acquired pulmonary vein atresia: transcatheter treatment *M. Marasini (Genoa)*
- 12.00 Hybrid closure of paravalvar mitral leaks *S. Qureshi (London)*
- 12.20 Periventricular VSD closure *J. DeGiovanni (Birmingham)*
- 12.40 Discussion

**13.00-14.00 LUNCH**

**14.00-14.30 LECTURE: THE USE OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING IN THE ASSESSMENT OF CARDIAC STRUCTURE AND FUNCTION**

**Chairman:** *M. Papa (Bergamo)*

**Speaker:** *A. Ludomirsky (New York)*

**14.30-17.00 IMAGING MODALITIES TO GUIDE INTERVENTIONS IN CHD**

**Chairmen:** *P. Brambilla (Bergamo), A. Ludomirsky (New York), S. Marcora (Bergamo)*

- 14.30 When MRI is better than CT scan? *E. Valsangiacomo Buechel (Zurich)*
- 14.50 When CT scan is better than MRI? *A. Secinaro (Rome)*
- 15.10 3D eco in cath-lab. How to fit it effective and simple *A. Ludomirsky (New York)*
- 15.30 Computational fluid dynamics in planning transcatheter interventions in patients with unventricular heart *P. Liuba (Lund)*

**15.50-16.30 CASE PRESENTATION**

**16.30-17.00 DISCUSSION**

**17.00-17.15 CLOSING REMARKS** *M. Papa (Bergamo)*



*Organizing Secretariat*

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