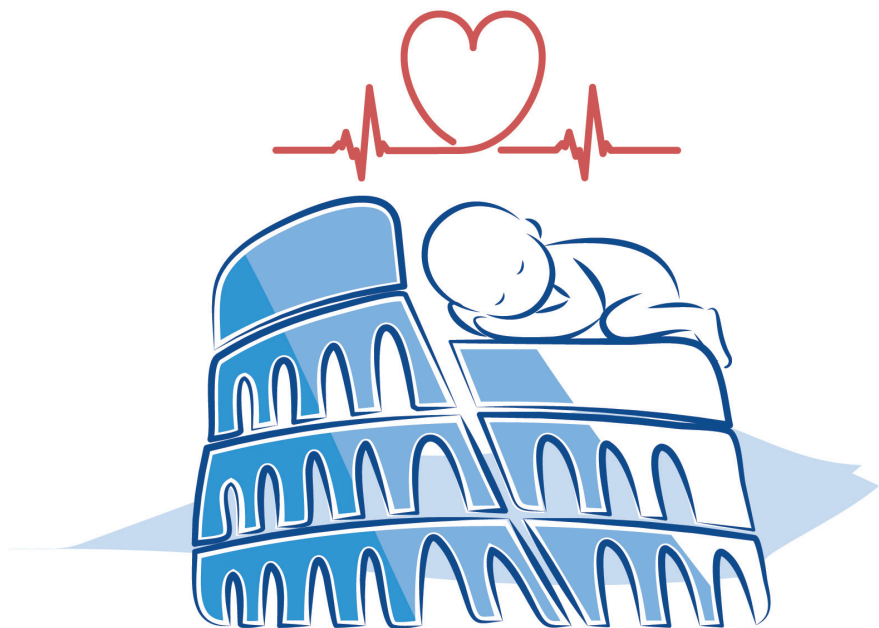


# PAEDIATRIC ARRHYTHMIAS

## 6th TEACHING COURSE OF THE ASSOCIATION FOR EUROPEAN PAEDIATRIC AND CONGENITAL CARDIOLOGY



**September 22/23, 2017**

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Ospedale Pediatrico Bambino Gesù  
Auditorium San Paolo - Viale Ferdinando Baldelli 38 - Rome, Italy



**Bambino Gesù**  
OSPEDALE PEDIATRICO

## FACULTY MEMBERS

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Thomas Kriebel, *Germany*

Fabrizio Drago, *Italy*

Laszlo Környei, *Hungary*

Regina Bökenkamp, *Netherlands*

Nico A. Blom, *Netherlands*

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Thomas Paul, *Germany*

Karen McLeod, *Scotland*

Massimo Stefano Silveti, *Italy*

# SCIENTIFIC PROGRAM

## Friday, 22 September 2017

08.00      Registration  
09:00      Welcome *Fabrizio Drago*  
            Introduction *Thomas Kriebel - Fabrizio Drago*

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### 09:20-11:10 State of the art Lectures 1: Common Paediatric Arrhythmias

09:20      Cardiac Anatomy  
09:40      Fetal Arrhythmias  
10:00      Bradyarrhythmias  
10:20      Tachyarrhythmias  
10:45      Repolarization Diseases

11:10      Coffee Break

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### 11:30-13:00 Interactive Workshops I: Basics

11:30-12:00    **Session #1**  
            a) Auditorium: ECG of common arrhythmias in neonates  
            b) Aula Bardo: ECG quiz

12:00-12:30    **Session #2**  
            a) Auditorium: ECG evaluation and diagnosis of wide QRS complex tachycardia  
                    in children  
            b) Aula Bardo: ECG evaluation and diagnosis of narrow QRS complex tachycardia  
                    in children

12:30-13:00    **Session #3**  
            a) Auditorium: Clinical Management of Channelopathies  
            b) Aula Bardo: Pharmacological therapy for arrhythmias in paediatric patients

13:00-13:30    (20 participants only)  
            St. Paul small room: Focus on cardiac anatomy: anatomical specimens

13:30          Light Lunch

## **14:30-15:50 State of the art Lectures 2:**

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### **Ablation in paediatric patients: present and future**

14:30 Ablation in paediatric and CHD patients: indications and peculiar procedural aspects

14:50 Radiofrequency energy: results and limits in paediatric age

15:10 Cryoenergy: results and limits in paediatric age

15:30 Usefulness of remote navigation in paediatric and CHD patients

15:50 **Coffee break**

## **16:20-17:20 Interactive workshops II:**

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### **Management of arrhythmias in paediatric patients**

16:20-16:50 **Session #1**

a) Auditorium: Treatment of arrhythmias in neonates

b) Sala Bardo: Paediatric arrhythmia emergencies

16:50-17:20 **Session #2**

a) Auditorium: Mapping and ablation principles

b) Sala Bardo: Principles of EP study: what is examined and why

17:30-18:00 **(20 participants only)**

St. Paul small room: Focus on cardiac anatomy: anatomical specimens

18:00 **Guided visit to S. Paul's Basilica with Cloister and ancient Ostiense Archeological Site - Road to Ostia**

19:00-21:00 **Informal Aperitif-Dinner and get together evening at the Cloister**

## **Saturday, 23 September 2017**

## **08:30-10:15 State of the art Lectures 3:**

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### **Pacemaker in paediatric and CHD patients**

08:30 Indications in paediatric and CHD patients

08:50 Dyssynchrony and cardiac failure: how to manage

09:10 Pacemaker implantation in paediatric patients: technical issues

09:30 Pacemaker implantation in CHD patients: technical issues

09:50 Follow-up and remote monitoring

10:15 **Coffee Break**

**10:45-11:45 Interactive workshops III:**

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How to manage

**10:45-11:15 Session #1**

- a) Auditorium: WPW in asymptomatic patients
- b) Sala Bardo: Palpitations

**11:15-11:45 Session #2**

- c) Auditorium: Arrhythmias and sport activities
- d) Sala Bardo: Syncope in children

**12:00 Light Lunch**

**13:00-14:40 State of the art Lectures 4:**

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**Sudden cardiac death and ICD implantation in paediatric and CHD patients**

13:00 Sudden cardiac death in paediatric patients

13:20 Sudden cardiac death in CHD patients

13:40 Epicardial and Endocardial ICD Implantation in paediatric and CHD patients

14:00 Subcutaneous ICD implantation in paediatric and CHD patients

**14:40 Coffee Break**

**15:00-15:30 Young Investigator Award in Paediatric Arrhythmias Management**

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15:00 Presentator #1

15:10 Presentator #2

15:20 Presentator #3

**Announcement: Winner of young investigator award**

**15:30 Closing remarks and farewell - *Fabrizio Drago***

**This 2-day teaching course will be focused on the clinical management of various types of arrhythmias encountered in the paediatric patient and young adult with and without congenital heart disease.**

Emphasis will be placed on the practical aspects of common problems encountered day-to-day by the practicing paediatric cardiologist to highlight each of the clinical problems with state of the art lectures given by experts. Fellows in paediatrics, cardiology and electrophysiology should attend this course. Different issues will be discussed • decision making in commonly encountered arrhythmias in children and adolescents with reference to current guidelines and consensus statements • past and future role of ablation therapy and 3D systems efficacy in paediatric patients • management of electrical and structural cardiomyopathies including the value of genetic testing, risk assessment and the treatment appropriate for the individual patient • management of early postoperative tachyarrhythmias in the young as well as risk stratification for patients with late ventricular arrhythmias • best techniques for implantation of pacemakers and ICDs in the small child and in the patient with complex congenital heart disease • role of cardiac resynchronization therapy in the patient with and without congenital heart disease.

## **GENERAL INFORMATION**

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### **DATE AND VENUE:**

September 22/23, 2017

Auditorium San Paolo - Viale Ferdinando Baldelli 38 - Rome, Italy

### **ORGANIZING COMMITTEE**

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