

organized by
PAEDIATRIC AND ADULT CONGENITAL HEART DISEASE
AND CARDIAC SURGICAL DEPARTMENTS

co-organizer
ASSOCIATION HUMANITAIRE
COEURS POUR TOUS



The conference was granted 11 European CME credits (ECMEC) by the European Accreditation Council for Continuing Medical Education (EACCME)

• 4 soranou ephessiou st., athens 115 27

## Organized by

Paediatric and Adult Congenital Heart Disease and Cardiac Surgical Departments

## co-organizer

Association Humanitaire Cœurs Pour Tous

## Under the auspices



Hellenic Cardiological Society



Hellenic Society of Thoracic and Cardiovascular Surgeons



Hellenic Society of Paediatric Cardiology

#### Information

210 6867021, 210 9609400



6 Erythrou Stavrou Street GR-151 23, Marousi, Athens T: +30 210 6869000 F: +30 210 684 0894 E: info@mitera.gr www.mitera.gr



www.mitera.gr Facebook/ mitera.hospital LinkedIn/ mitera-hospital Youtube/ ekdiloseismitera

## **Conference Secretariat**



31 Agias Varvaras str. 16452 Argyroupoli, Athens-Greece t/+30 2109609400 e/tzombola@synthesispco.com w/www.synthesispco.com

#### Welcome



Dear Colleagues,

We have the pleasure to invite you to the 2<sup>nd</sup> Eurasian Joint Forum on Paediatric Cardiology and Cardiac Surgery in Athens. Although nowadays there is a plethora of cardiac conferences both locally and internationally, this event is amongst the few in our region that is organised jointly by Congenital Cardiologists and Surgeons alike. We give this joint effort particular emphasis, as the collaboration amongst us has become much more required in recent years due to the increasing complexity of cases.

The conference aims to raise awareness in our country but also the neighbouring countries on the modern management of congenital heart disease from fetal to adult life. A great deal of things have changed in the past 1-2 decades in the management of patients with congenital heart disease and these changes now reflect on their long term outcome. Adult Cardiologists and Cardiac Surgeons need to be prepared that coronary and valve degenerative disease will soon coexist with previous cardiac interventions performed for congenital defects, hence collaboration with expert centers will be vital. On the other hand, in order to ensure that these patients will be in good health when they reach adulthood, a good surgical and/or interventional program must have taken place in their childhood, as timely and efficiently as possible.

In the current era, we aim to perform primary repair of most haemodynamically significant defects already in the neonatal period or within the first few months of life, instead of following a staged approach with initial palliation before complete repair. However, in order for this demanding task to materialise successfully, it is vital to make a good start: the patient's management begins already in the fetal period. Accurate imaging and precise diagnosis will ensure mother and newborn's safety by arranging delivery under optimal conditions. Having paediatric sub-specialties on site to augment the management of the newborn with congenital heart disease is essential. In addition, modern expert imaging by means of advanced echocardiographic and magnetic resonance techniques are of paramount importance.

To this end, we have put a program together to address all of the main points related to the above. We have the honour to welcome a very distinguished panel of worldwide experts in the field, who will disseminate their knowledge on the most up-to-date management of issues relating to congenital heart disease.

Join us in our effort to give this special population a special chance. A chance for life!

Dr Aphrodite Tzifa, MD(Res), FRCPCH

Director Paediatric and Adult Congenital Heart Disease Dpt Mitera Children's Hospital, Athens, Greece Prof. Afksendiyos Kalangos, M.D., Ph.D. Director of Cardiac Surgery Department, Mitera Children's Hospital, Athens, Greece Prof. of Cardiac Surgery, Geneva

## **Conference Venue**

Biomedical Research Foundation Academy of Athens – BRFAA 4 Soranou Ephessiou Street, Athens, Greece 115 27, T: +30 21 0659 7000, URL: http://www.bioacademy.gr/

## How to reach Biomedical Research Foundation Academy of Athens - BRFAA

#### By metro

The Metro stop closest to BRFAA is "Katehaki" (Blue line: Ag. Marina - Doukissis Plakentias). Once you have reached the Katehaki station, you can reach BRFAA by foot. The closest path is to go through the Sotiria Hospital, on Messogeion Avenue.

By car/taxi

Head east and get off on Y2 Papagou exit. Once you get off the exit, follow the sign that says Papagou onto Anastaseos Street. Turn left on the 3rd traffic light onto Stratarchou Alexandrou Papagou Street. When you come to a fork in the road, merge left onto Ionias Street. Pass through the traffic light, continue past the schools on your right-hand side, and



turn right onto Soranou Ephessiou Str. Make the 2<sup>nd</sup> right and continue to the BRFAA gate.

## **Admission Badges**

The conference badge should be worn by all participants at all times during the conference, in the exhibition area and within other areas of the conference venue, as well as during social activities. Only participants wearing their conference badge will be admitted to the scientific sessions, to the exhibition area and to the social events.

#### Accreditation

The conference was granted 11 European CME credits (ECMEC) by the European Accreditation Council for Continuing Medical Education (EACCME).

#### **Certificate of Attendance**

Participants can receive their certificate of attendance from the registration desk. Each participant is required to complete the evaluation form given upon registration, in order to receive the certificate of attendance. Attendance of 60% of the scientific program is mandatory in order to receive the certificate of attendance.

#### Language

English is the official language of the course.

## Registration and information desk opening hours

The registration desk will be located at the foyer of Biomedical Research Foundation – BRFAA and will be open during the following hours:

Saturday, 16 April 2016	Sunday, 17 April 2016
08:45 - 18:30	09:15 - 16:45

# Organizing & Scientific Committee



## **Organizing Commitee**

#### Afksendiyos Kalangos | Head of the Organizing Committee

Director of Cardiac Surgery Department, Mitera Hospital, Athens, Greece Professor of Cardiac Surgery, Geneva, Switzerland

#### Aphrodite Tzifa | Head of the Organizing Committee

Director, Consultant Paediatric and GUCH Cardiologist, Mitera Children's Hospital, Athens, Greece, Fellow of the Royal College of Paediatrics, UK

## **Organizing Committee Members**

Stavros Aloizos Director, Adult Intensive Care Unit, Mitera Children's Hospital, Athens, Greece
Christos Apostolidis Consultant Anaesthetist, Mitera Children's Hospital, Athens, Greece
Pipina Bonou Consultant Paediatric Cardiologist, Mitera Children's Hospital, Athens, Greece
Anastasios Chatzis Director, Paediatric Intensive Care Unit, Mitera Children's Hospital, Athens, Greece
Areti Komnou Consultant Paediatric Cardiologist, Mitera Children's Hospital, Athens, Greece
Evangelia Ntalarizou Consultant Cardiothoracic Surgeon, Mitera Children's Hospital, Athens, Greece
Konstantinos Patris Consultant Anaesthetist, Mitera Children's Hospital, Athens, Greece
Panagiotis Sfyridis Consultant Cardiothoracic Surgeon, Mitera Children's Hospital, Athens, Greece

## **Scientific Commitee**

#### Afksendiyos Kalangos | Head of the Scientific Committee

Director of Cardiac Surgery Department, Mitera Hospital, Athens, Greece Professor of Cardiac Surgery, Geneva, Switzerland

#### **Scientific Committee Members**

**Anastasios Chatzis** Director, Paediatric Intensive Care Unit, Mitera Children's Hospital, Athens, Greece

**Georgios Giannakoulas** Assistant Professor of Cardiology, Consultant Cardiologist, AHEPA University Hospital, Aristotle University of Thessaloniki

**Georgios Kallipolitis** Associate Professor of Obstetrics & Gynecology, University of Athens, President Scientific Council MITERA

**Ioannis Papagiannis** Consultant Paediatric Cardiologist, Division of Cardiology, Children's Mercy Hospital, Kansas City, Missouri, USA, Scientific Associate, Mitera Children's Hospital, Athens, Greece

Melpomeni Saklamaki-Kontos NICU Director, Mitera Children's Hospital, Athens, Greece

**Dimitrios Sarikostas** Consultant Obstetrician/Gynaecologist, Scientific Director, Fetal Medicine Dpt, Mitera Children's Hospital, Athens, Greece

**Aphrodite Tzifa** Director, Consultant Paediatric and GUCH Cardiologist, Mitera Children's Hospital, Athens, Greece, Fellow of the Royal College of Paediatrics, UK

08:45 - 09:00 | Registration

09:00 - 09:15 | Welcome

## **Dr Constantinos Anagnostopoulos**

Consultant Nuclear Physician, Research Director, PET-CT Department & micro PET/CT Unit. BRFAA

#### **Prof Stefanos Fousas**

President of the Hellenic Cardiological Society

## Dr Kalliope Athanasiadi

President of the Hellenic Society of Thoracic and Cardiovascular Surgeons

#### Dr Georgia Konstantopoulou

President of the Hellenic Society of Paediatric Cardiology

## Session A | Prenatal diagnosis of congenital heart disease

Chairs | Georgios Kallipolitis, Maria Kiaffas, Panagiotis Livanos

09:15 - 09:45 | Prenatal diagnosis of complex congenital heart disease

Areti Komnou, GREECE

09:45 - 10:15 | Fetal cardiac arrhythmias

Pipina Bonou, GREECE

10:15 - 11:00 | Fetal cardiac interventions: Indications, procedural technique and

long term follow-up

Aphrodite Tzifa, GREECE

11:00 - 11:15 Discussion

11:15 - 11:30 | Coffee break

## Session B | Non-invasive Imaging for congenital heart disease

Chairs | George Athanassopoulos, Sophie Mavrogeni

11:30 - 12:00 | Advanced echocardiographic techniques for imaging of congenital heart disease | Marietta Charakida, UK

12:00 – 12:30 | Echocardiographic assessment of left ventricular function in

different ventricular geometries

Ida Jovanovic, SERBIA

12:30 - 13:00 | Newer Techniques of Magnetic Resonance Imaging in patients with CHD

Reza Razavi, uk

13:00 - 13:15 Discussion

13:15 - 14:00 | Lunch break



	Session C   Grown up congenital heart disease	
Chairs   Afksendiyos Kalangos, Stefanos Fousas, Antonios Vlahos		
14:00 - 14:30	Beyond childhood with Congenital Heart Disease Jane Somerville, UK	
14:30 - 15:00	Long term follow-up of the Ross procedure Andreas Petropoulos, AZERBAIJAN	
15:00 - 15:30	Long term follow-up of Fontan circulation Spyridon Rammos, GREECE	
15:30 - 16:00	Re-do PVR in adult Tetralogy of Fallot patients Fotios Mitropoulos, GREECE	
16:00 - 16:30	Pulmonary hypertension in GUCH Alexandra Frogoudaki, GREECE	

16:30 - 16:45

Discussion

Session D   Advanced valve surgery in congenital heart disease		
Chairs	Dimitrios Iliopoulos, George Economopoulos	
16:45 - 17:15	Advanced repair of atrioventricular valves: Ebstein and Congenital Mitral Valve disease Afksendiyos Kalangos, GREECE	
17:15 - 17:45	Repair instead of replacement of the aortic valve David Anderson, UK	
17:45 - 18:15	GUCHs need cardiac surgery! Jane Somerville, UK	
18:15 - 18:30	Closure of Day 1	

# Session A | Cardiac interventions in the neonate and infant

Chairs   David Anderson, Fotios Mitropoulos		
09:15 - 09:45	Surgery for hypoplastic left heart syndrome	
	Shunji Sano, JAPAN	
	Experience of surgical treatment for hypoplastic left heart syndrome in Ukraine Vadim Sakalov, UKRAINE	
10:00 - 10:30	Stenting the PDA in PDA dependent pulmonary and systemic circulations Yalim Yalcin, TURKEY	
10:30 - 11:00	Surgery for artioventicular canal defects (AVSD) Shunji Sano, JAPAN	
11:00 - 11:15	Discussion	

# 11:15 - 11:30 | Coffee break

Chairs	Maria Aronis, Georgios Kalavrouziotis
11:30 - 12:00	Surgical repair of TAPVR Evangelia Ntalarizou, GREECE
12:00 - 12:30	Primary repair of septal defects. Is PA banding out of date? David Anderson, UK
12:30 - 13:00	Repair of Fallot Tetralogy Rashad Mahmudov, AZERBAIJAN
13:00 - 13:15	Discussion
13:15 - 14:00	Lunch break



# Session B | Cardiac Transplantation

Chairs   Peter Alivizatos, Georgios Giannakoulas	
14:00 - 15:00	Paediatric transplantations: the journey from heart failure to transplantation Francesco Parisi, ITALY
15:00 - 15:30	Adult cardiac transplantation program in Greece Aggeliki Gkouziouta, GREECE
15:30 - 16:00	Organ donation in Greece Anastasios Chatzis, GREECE
16:00 - 16:15	Discussion

# Session C | Congenital Heart Disease Services for Patients-in-Need

Chairs	Stella Brilli, Aphrodite Tzifa
16:15 - 16:30	Humanitarian Association Cœur Pour Tous Anna Grimani, GREECE
16:30 - 16:45	Global Heart Network Myrtidiotissa Petropoulou, GREECE
16:45	Closure of Day 2

# **Speakers List**

Peter A. Alivizatos M.D.,F.A.C.S., Cardiothoracic Surgeon, Founder of Heart and Lung

Transplantation Programs, Baylor University Medical Center(U.S.A.),

Onassis Cardiac Surgery Center (Greece)

David Anderson Professor of Congenital Cardiac Surgery, Evelina London Children's

Hospital, Guy's & St Thomas NHS Foundation Trust

Maria Aronis MD, FACS, FACC, FCCP, Cardiac Surgeon, Ass. Professor Cornell

University, Director of the Heart Valve Center of Excellence, laso

General Hospital, Athens, Greece

Kalliope Athanasiadi Consultant Cardio-Thoracic Surgeon, President of the Hellenic

Society of Thoracic and Cardiovascular Surgeons

George D. Athanassopoulos Associate Director Cardiology Section, Onassis Cardiac Surgery

Center

Pipina Bonou Paediatric Cardiologist, Mitera Children's Hospital, Athens, Greece

Stella Brilli Consultant Cardiologist, Director, Hippocratio Hospital, Athens,

Greece

Marietta Charakida Consultant Paediatric Cardiologist, Guy's & St Thomas' Hospital,

London, UK

Anastasios Chatzis Director, Paediatric Intensive Care Unit, Mitera Children's Hospital,

Athens, Greece

George C. Economopoulos MD, FACS, Director of Cardiac Surgery Department, Hippocratio

Hospital, Athens, Greece

Stefanos Fousas President of the Hellenic Cardiological Society, Head of the

Cardiology Department, Tzanion Piraeus General Hospital, Professor

of Cardiology

Alexandra A. Frogoudaki MD, PhD, Adult Congenital Heart Clinic, Second Cardiology

Department, ATTIKON University Hospital, Athens University,

Athens, Greece

Georgios Giannakoulas Assistant Professor of Cardiology, Consultant Cardiologist, AHEPA

University Hospital, Aristotle University of Thessaloniki

Aggeliki Gkouziouta Consultant Cardiologist, Onassis Cardiac Surgery Center

Anna Grimani President, Humanitarian Association Coeur Pour Tous

**Dimitrios C. Iliopoulos** Director of 4<sup>th</sup> Department of Cardiac Surgery, Hygeia Hospital, Ass.

Professor of Surgery, University of Athens

Ida Jovanovic Consultant Paediatric Cardiologist, Cardiologist, Professor,

Children's Hospital of Belgrade, Belgrade University, Serbia

Afksendiyos Kalangos Director of Cardiac Surgery Department, Mitera Children's

Hospital, Athens, Greece, Professor of Cardiac Surgery, Geneva

Georgios Kalavrouziotis MD, PhD, Consultant Cardio-Thoracic Surgeon, Aghia Sophia

Children's Hospital, Athens, Greece

## **Speakers List**



Georgios Kallipolitis Associate Professor of Obstetrics & Gynecology, University of

Athens, President Scientific Council MITERA

Maria Kiaffas MD, PhD, Pediatric Cardiologist, Senior Attending, Dept of Pediatric

Cardiology and Adult Congenital Heart Disease, Onassis Cardiac

Surgery Center

Areti Komnou Consultant Paediatric Cardiologist, Mitera Children's Hospital,

Athens, Greece

Georgia Konstantopoulou Consultant Paediatric & Fetal Cardiologist, President of the Hellenic

Society of Paediatric Cardiology

Panagiotis Livanos Obstetrician-Gynaecologist, MD, SMS Dip

Rashad Mahmudov Consultant Cardiothoracic Surgeon, Director of Department of

Cardiovascular Disease, Oilworkers Hospital, Baku, Azerbaijan

Sophie Mavrogeni Cardiologist, MD, FESC

Fotios Mitropoulos Cardiac Surgeon, Paediatrics and Adults, Consultant Cardiac

Surgeon, Cardiac Surgery Department, Mitera Children's Hospital.

Evangelia Ntalarizou Consultant Cardiothoracic Surgeon, Mitera Children's Hospital,

Athens, Greece

Francesco Parisi Consultant Paediatric Cardiologist, Bambino Gesú Hospital, Rome,

Italv

Andreas Petropoulos Consultant Paediatric Cardiologist, Associate Professor of

Pediatrics and Ped. Cardiology, Azerbaijan Medical University, Baku,

Azerbaijan

Myrtidiotissa Petropoulou Executive Director, Global Heart Network Foundation

Spyridon Rammos Director of Pediatric Cardiology and Adult with Congenital Heart

Disease Department, Onassis Cardiac Surgery Center, Athens, Greece

Reza Razavi Professor of Cardiac Imaging, King's College London, Consultant

Paediatric Cardiologist, Guy's & St Thomas' Hospital, London, UK

Vadim Sakalov Cardiac surgeon, Heart Institute, Kiev Ukraine

Shunji Sano Professor, Cardiovascular Surgeon, Department of Cardiovascular

Surgery, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Science: Benchmark for Surgical Treatment of

Congenital Heart Disease, Japan

Jane Somerville Consultant Paediatric and GUCH Cardiologist, Emeritus Professor

Imperial College, London

Aphrodite Tzifa Consultant Paediatric and GUCH Cardiologist, Director, Mitera

Children's Hospital, Athens, Greece

Antonios Vlahos Assistant Professor of Paediatric Cardiology University of Ioannina,

Greece

Yalim Yalcin Consultant Paediatric Cardiologist, Florence Nightingale Hospital,

Istanbul, Turkey