

**Organized
by:**



Department of
Pediatric Cardiology,
Justus-Liebig University
Hospital of Gießen



Department of Pediatric
Cardiology, University
Hospital of Cologne



Department of Pediatric
Cardiology,
University Hospital of Crete



2nd Department of Cardiology,
Adult Congenital Heart
Disease Clinic,
ATTIKON University Hospital,
Athens



Department of Pediatric
Cardiology and Adult
Congenital Heart Disease,
Onassis Cardiac Surgery Center

Under the auspices of:



Hellenic Society
of Cardiology

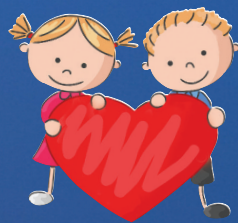


Hellenic
Association
of Pediatric
Cardiology



Greek Pediatric
Society

Challenges in Congenital Heart Disease *from Fetus to Adult*



November
19-20 2021

Divani Caravel Hotel
Athens

Programme

With the cooperation
of the Dept. Ped.
Cardiology
of the Universities
of Patras,
Thessaloniki
and Ioannina

FREE REGISTRATION [CLICK HERE](#)



Challenges in Congenital Heart Disease *from Fetus to Adult*



Scientific programme



FRIDAY

November 19th 2021

14:00-14:10 **Opening Remarks**
Markus Khalil, Spyros Rammos

14:10-14:50 **Keynote Lecture**
Chair: **Konrad Brockmeier**
Embryology of the cardiovascular system
Antoon Moorman (40 min)

14:50-16:40 **Roundtable 1**
CHD in the fetus and newborn
Chair: **Pipina Bonou, Georgios Papadopoulos**
Prenatal diagnosis of CHD: Accuracy and implications
Roland Axt-Fliedner (20 min)

Clinical management of newborns with critical CHD
Markus Khalil (20 min)

Echocardiography in Pediatric Cardiology:
Structural analysis with segmental approach
Soultana (Tania) Kourtidou (20 min)

Echocardiography in Pediatric Cardiology: Functional assessment
Ioannis Germanakis (20 min)

Catheter Interventions in Newborns with CHD
Afroditi Tzifa (20 min)

General comments

16:40-17:30 **Coffee Break**

17:30-20:00 **Roundtable 2**
Current topics in pediatric cardiology
Chair: **Alexandros Patrianakos, Adalena Tsatsopoulou**
Role of ECG in the diagnostic evaluation of CHD
Kyriaki Papadopoulos (20 min)

Familial hypercholesterolemia
Antonios Vlachos (20 min)

Divani Caravel Hotel • Athens

November 19-20 2021



Challenges in Congenital Heart Disease *from Fetus to Adult*



FRIDAY

November **19th** 2021

Neuromuscular diseases and the heart

Aikaterini Giannakopoulou (20 min)

Genetic testing:

Pitfalls in the diagnosis and management of genetic arrhythmias

Aristidis Anastasakis (20 min)

Sports and congenital heart disease:

When should we allow participation?

Ageliki Karatza (20 min)

General comments

20:00-20:30

Keynote Lecture

Chair: **Ioannis Germanakis**

COVID-19 and pediatric cardiology

Konrad Brockmeier (30 min)

Divani Caravel Hotel • Athens

November **19-20** 2021



Challenges in Congenital Heart Disease *from Fetus to Adult*



SATURDAY
November **20th** 2021

09:00-10:30

Roundtable 3

Diagnostic evaluation of CHD

Chair: **Periklis Davlourous, Alexandra Frogoudaki**

Advanced diagnostic imaging CT and MRI in CHD

Anna-Eva Blank (20 min)

Exercise testing in evaluation of CHD

Diamantis Kosmidis (20 min)

Neuroprotection and neurodevelopmental outcome in CHD

Thushiha Logeswaran (20 min)

Diagnostic catheterization/ Assessment of pulmonary hypertension

Sotiria Apostolopoulou (20 min)

General comments

10:30-11.10

Short Break

11:10-11:50

Keynote Lecture

Chair: **Spyros Rammos**

CHD – The new frontier

Michael Gatzoulis (40 min)

11:50-13:20

Roundtable 4

Therapeutic management of CHD

Chair: **Nikolaos Giannopoulos, Dimitrios Georgakopoulos**

Medical management of chronic heart failure in CHD

Thushiha Logeswaran, Georgios Vagenakis (20 min)

Hemodynamic management of the critically ill patients

Blanka Steinbrenner (20 min)

ACHD and Arrhythmia. First aid for the practitioner -

Breaking down a complex problem

Thomas Kriebel (20 min)

Cardiac Transplantation in the Young:

30 years' experience in a single center

Susanne Skrzypek (20 min)

General comments



Challenges in Congenital Heart Disease *from Fetus to Adult*



SATURDAY
November **20th** 2021

13:20-13:50 **Keynote Lecture**

Chair: **Markus Khalil**

Catheter intervention for CHD: what is new

Dietmar Schranz (30 min)

13:50-14:50 **Lunch break**

14:50-16:50 **Roundtable 5**

Long term sequelae of CHD

Chair: **Stella Brilli, George Giannakoulas**

Pulmonary Hypertension in ACHD

Christian Jux (30 min)

Failing Fontan

Meletios Kanakis (20 min)

Reoperations in CHD

Dimitrios Bobos (20 min)

Risk assessment for ventricular arrhythmias
and sudden death in CHD

Ioannis Papagiannis (20 min)

The pregnant woman with CHD

Frogoudaki Alexandra (20 min)

General comments

16:50-17:10 **Coffee break**

17:10-18:30 **Roundtable 6**

Case presentations

Chair: **Mathias Emmel, Sofia Loukopoulou, Maria Drakopoulou**

Catheter ablation of ventricular tachycardia in pediatric patients

Dimosthenis Avramidis (8 min)

Giant coronary aneurysms and macrophage activation syndrome,
a rare case of Kawasaki disease

Olga Liapi (8 min)

Catheter management of veno-venous collaterals in single
ventricle patients

Stefanos Despotopoulos (8 min)



Challenges in Congenital Heart Disease *from Fetus to Adult*



SATURDAY
November **20th** 2021

MINOCA in a patient with TGA and atrial switch
Maria Drakopoulou (8 min)

A young patient with ccTGA and VSD
Giannis Andrikou (8 min)

ECG screening in school age children: LQT case report
**Alena Bagkaki, Aris Anastasakis,
Xanthippi Kotsaka, Ioannis Germanakis** (8 min)

Arrhythmia in an adolescent girl with covid infection
Panagiota Papachristou (8 min)

A miscellaneous PFO with multiple emboli in a child
Sofia Loukopoulou (8 min)

Atrial tachycardia degenerating in ventricular fibrillation
in a Fontan patient
Christina Kazazaki (8 min)

Dyslipidemia: when nothing is as it seems
Aikaterini Zioga (8 min)

18:30

Closing Remarks - Meeting Closure

**Markus Khalil, Konrad Brockmeier, Spyros Rammos,
Alexandra Frogoudaki, Ioannis Papagiannis,
Ioannis Germanakis**



Challenges in Congenital Heart Disease *from Fetus to Adult*



Faculty



A

Aristidis Anastakis MD PhD
Consultant Cardiologist
Scientific Dir. Unit of Inherited and Rare
Cardiovascular Diseases
Onassis Cardiac Surgery Center
Coordinator of the Project "National
Network of Precision Medicine in
Cardiology"

Giannis Andrikou MD
National and Kapodistrian University of
Athens, 1st Cardiology Dept.
"Hippokration" Hospital, Athens, Greece

Sotiria Apostolopoulou MD PhD
Deputy Dir. Dept. Ped. Cardiology and
ACHD, Onassis Cardiac Surgery Center,
Athens, Greece

Dimosthenis Avramidis MD
Ped. Electrophysiologist, Mitera Hospital,
Athens, Greece

Rolland Axt-Fliedner Prof. Dr. med.
Dir. Center for Prenatal and Fetal
Therapy, University of Gießen, Germany

B

Alena Bagkaki
Dept. Ped. Cardiology, School of
Medicine, University of Crete, Greece

Anna-Eva Blank Dr med.
Dept. of Ped. Cardiology, University of
Gießen, Germany

Dimitrios Bobos Dr MD.
Deputy Dir. 4th Dept. of Ped. Cardiology
and ACHD, Onassis Cardiac Surgery
Center, Athens, Greece

Pipina Bonou
Ped. and Fetal Cardiologist,
Iaso Children's Hospital, Athens, Greece

Stella Brili

Consultant Cardiologist, Chief of the
Adult Congenital Heart Program
1st Cardiology Dept. University of Athens
Medical School "Hippokration" Hospital,
Athens, Greece

Konrad Brockmeier Professor Dr med.
Dir. Dept. Ped. Cardiology, University of
Cologne, Germany

D

Periklis Davlouros MD PhD
Professor of Internal Medicine-
Cardiology, (Invasive Cardiology and
Congenital Heart Disease)
Dir. Division of Cardiology
Dept. of Internal Medicine, Patras
University Hospital

Stefanos Despotopoulos MD
Dept. of Ped. Cardiology and ACHD,
Onassis Cardiac Surgery Center, Athens,
Greece

Maria Drakopoulou
Cardiologist, 1st Cardiology Dept
University of Athens Medical School
"Hippokration" Hospital, Athens, Greece

E

Mathias Emmel Prof. Dr.
Dept. of Ped. Cardiology, University
Hospital Cologne, Germany

F

Alexandra Frogoudaki
MD MSc PhD FHFA FESC
Consultant Cardiologist, ACHD Clinic,
Second Cardiology Dept., "ATTIKON"
University Hospital Athens, Greece



Challenges in Congenital Heart Disease

from Fetus to Adult



G

Michael A. Gatzoulis

MD PhD FACC FESC

Professor of Cardiology, Congenital Heart Disease and Consultant Cardiologist, Adult Congenital Heart Centre and National Centre for Pulmonary Hypertension

Royal Brompton & Harefield Hospitals, Guys & St Thomas's NHS Trust; Imperial College, London, UK

Dimitrios Georgakopoulos MD

Dir. Dept. Ped. Cardiology, Athens Children Hospital P. and A. Kyriakou, Greece

Ioannis Germanakis

Associate Professor of Ped.

- Ped. Cardiology, School of Medicine, University of Crete, Greece

Aikaterini Giannakopoulou

Dr. MSc PhD

Cardiologist, Dir. in Pedocardiology, Clinic Aghia Sophia Children's Hospital, NHS, Athens, Greece

George Giannakoulas MD PhD

Associate Professor in Cardiology and ACHD Aristotle University of Thessaloniki, "AHEPA" Hospital, Cardiology Unit Thessaloniki, Greece

Nikolaos Giannopoulos

MD PhD FECTS MECHSA

Head of Dept. of Ped. and Adults Cardiothoracic Surgery, Onassis Cardiac Surgery, Athens, Greece

J

Christian Jux Prof. Dr med.

Dir. Dept. Ped. Cardiology, Intensive Care Unit, University of Gießen, Germany

K

Meletios Kanakis

Consultant Ped. Cardiothoracic Surgeon, Dept of Ped. and Congenital Heart Surgery, Onassis Cardiac Surgery Center, Athens, Greece

Ageliki Karatza

Associate Professor in Dept. Ped. Cardiology

Christina Kazazaki Dr. med.

Internistin, Kardiologie, Weiterbildung EMAH, Germany

Markus Khalil Professor Dr med.

Dept. Ped. Cardiology, University of Gießen, Germany

Diamantis Kosmidis MD MSc

Research Fellow in ACHD and Pulmonary Hypertension Clinic, First Cardiology Dept, AHEPA Hospital, Aristotle University of Thessaloniki, Greece

Xanthippi Kotsaka

Dept. Ped. Cardiology, School of Medicine, University of Crete, Greece

Soultana (Tania) Kourtidou MD

Ped. Cardiology, Onassis Cardiac Surgery Center, Greece

Assistant Professor of Pediatrics at Weill Cornell Medicine

Thomas Kriebel Priv. Doz. Dr med.

Intensive Care Unit, Ped. Cardiology, Electrophysiology, University of Gießen, Germany

L

Olga Liapi MD PhD

Ped. Cardiology Chania, Crete, Greece & Dept. of Ped. Cardiology University of Cologne, Germany



Challenges in Congenital Heart Disease

from Fetus to Adult



Thushiha Logeswaran Dr med.
Dept. of Ped. Cardiology, University of
Gießen, Germany

Sofia Loukopoulou MD
Dir. Dept. Ped. Cardiology, Agia Sophia
Hospital, Athens, Greece

M

Antoon Moorman
Professor of Embryology, Dept. of
Anatomy, Embryology & Physiology,
University of Amsterdam, Holland

P

Panagiota Papachristou MD
Dir. Dept. Ped. Cardiology P. and A.
Kyriakou Hospital, Athens, Greece

Georgios Papadopoulos MD
Ped. Cardiologist, 1st Dept of Ped. "Agia
Sofia" University Hospital, Athens,
Greece

Kyriaki Papadopoulou - Legbelou
Associate Professor in Ped.-
Ped. Cardiology, Aristotle University of
Thessaloniki, Greece

Ioannis Papagiannis MD PhD
f. Associate Professor of Ped., University
of Missouri, Kansas City, Dir. of Ped. and
Adult Congenital Cardiology, Onassis
Cardiac Surgery Center, Athens, Greece

Alexandros Patrianakos
Consultant Cardiologist
Heraklion University Hospital, Greece

R

Spyros Rammos Dr Dr med.
apl. Prof. Univ. of Düsseldorf Germany
former Dir. Dept. Ped. Cardiology and
ACHD, Onassis Cardiac Surgery Center,
Athens, Greece

S

Dietmar Schranz Professor Dr med.
Dept. of Ped. Cardiology University of
Gießen, Germany

Susanne Skrzypek Dr med.
Dept. Ped. Cardiology, Psychotherapy
and Transplantation Medicine, University
of Gießen, Germany

Blanka Steinbrenner Dr med.
Senior Physician Intensive Care Unit,
Ped. Cardiology, Neonatology, University
of Gießen, Germany

T

Adalena Tsatsopoulou MD
Clinical Ped., Naxos
Chair of the Working Group of
Cardiomyopathies, basic Research and
Inherited Heart Diseases of the Hellenic
Cardiological Society

Afroditi Tzifa
MD (Res) MRCP FRCPCH
Consultant Ped.
and ACHD Cardiologist
Dir. Ped. & ACHD Dept.,
MITERA Children's Hospital,
Hygeia Group, Athens, Greece

V

Georgios Vagenakis MD PHD
Cardiologist, Dept. Ped. Cardiology and
ACHD, Onassis Cardiac Surgery Center,
Athens, Greece

Antonios Vlachos
Associate Professor in Ped. Cardiology,
Child Health Dept., Medical School of
University of Ioannina, Greece

Z

Aikaterini Zioga
Resident in Pediatrics
University Hospital of Ioannina
PhD Student in Pediatric Cardiology



Challenges in Congenital Heart Disease from Fetus to Adult



General information



CONFERENCE VENUE:

DIVANI CARAVEL HOTEL

Address: Leof. Vasileos Alexandrou 2, Athens 161 21, Greece

Tel: +0030 21 0720 7000

REGISTRATION:

The preregistration at the Conference is mandatory.

To register please follow the link: https://www.eventora.com/en/Events/CHD_2021

*Due to the COVID-19 pandemic the conference is **hybrid** and will be held **in person** and **online** as well.*

Anti-COVID-19 measurements:

The health and safety of all attendees to the conference remain our top priority. We are closely monitoring government mandates and policy changes, guidelines, and public health advancements regarding the pandemic. Therefore, only fully vaccinated against COVID-19 or people who have contracted the virus in the last six months are allowed to attend the conference physically.

Upon entering the conference, the secretariat will ask for a vaccination certificate or recovery certificate as well as an identity card or passport. Otherwise, entry will not be allowed.

ORGANISED BY:



Department of Pediatric
Cardiology,
Justus-Liebig University
Hospital of Giessen



ATTIKON
University Hospital
Greece

2nd Department of Cardiology,
Adult Congenital Heart
Disease Clinic,
ATTIKON University Hospital,
Athens



Department of Pediatric
Cardiology,
University Hospital of Cologne



Onassis
Cardiac Surgery
Center

Department of Pediatric
Cardiology and Adult
Congenital Heart Disease,
Onassis Cardiac Surgery
Center

Medical School
University of Crete



Department of Pediatric
Cardiology,
University Hospital of Crete

UNDER THE AUSPICES OF:



Hellenic Society
of Cardiology



Hellenic Association
of Pediatric Cardiology



Greek Pediatric
Society

- With the cooperation of the Dept. Ped. Cardiology of the Universities of Patras, Thessaloniki and Ioannina





Challenges in
Congenital
Hear
Disease
*from Fetus
to Adult*

PCO- CONGRESS
SECRETARIAT



eventure
EVENT PLANNING & EDUCATION

26-28 Asklipiou St,
10680 Athens, Greece
Tel.: +30 2160702929
Mob.: +30 6945454165
www.eventure.gr
info@eventure.gr