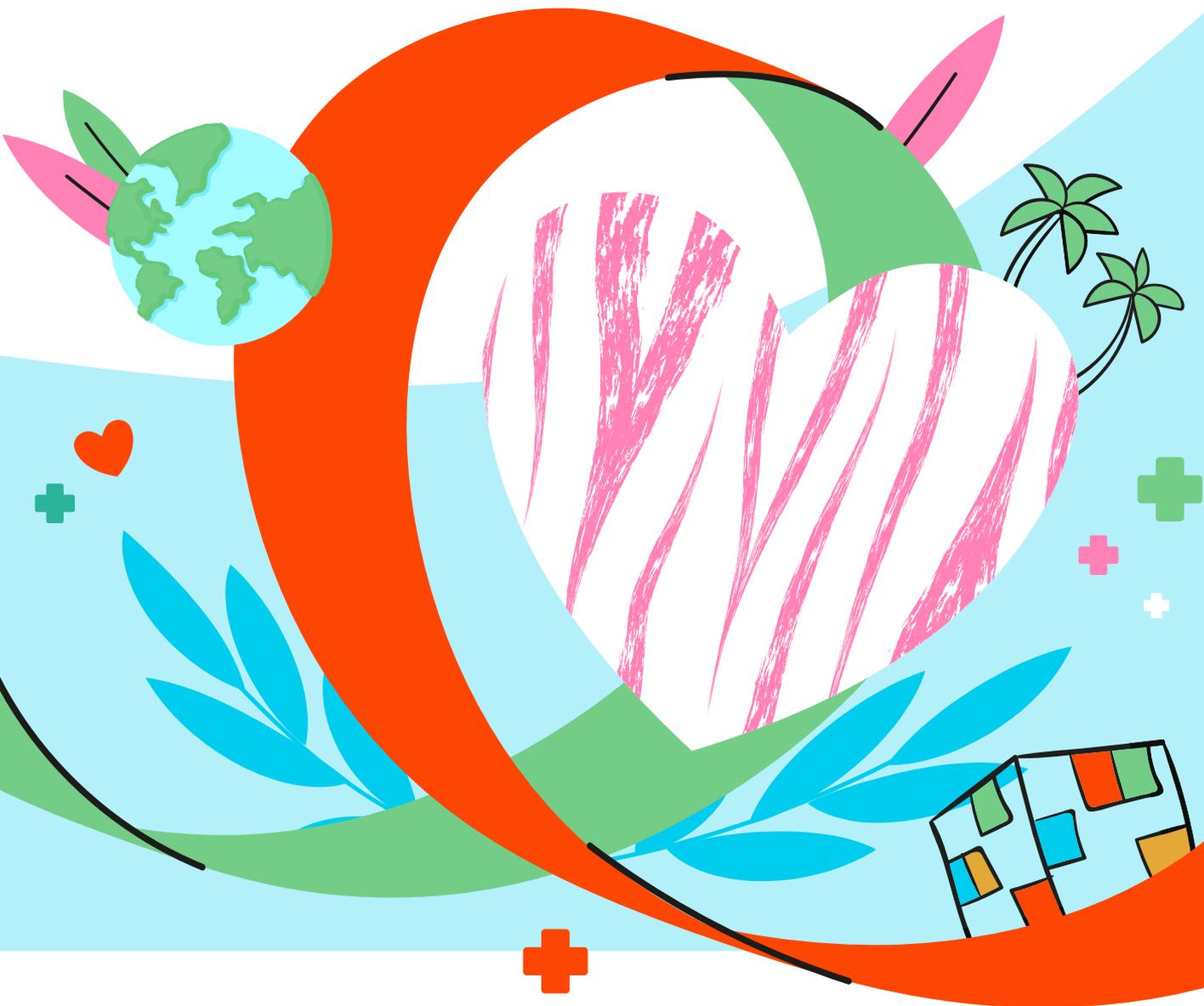


2nd EDITION JOINT AEPC / EACVI

MALAGA

1/2 OCTOBER

Echocardiography Course on Pediatric Cardiology and Adult Congenital Heart Diseases





Echocardiography Course on Pediatric Cardiology and Adult Congenital Heart Diseases

The Second Joint AEPC/EACVI Echocardiography Course on Pediatric Cardiology and Adult with Congenital heart Disease, will provide a basic overview on the:

- Anatomy and physiology of major congenital cardiac defects as imaged by echocardiography.
- Use of echocardiography for basic and detailed diagnosis and follow-up of major congenital cardiac defects at different ages.
- Acquired cardiac defects in the pediatric age.
- Application of echocardiography in interventional (surgical or percutaneous) decision-making.
- Application of newer echocardiographic techniques including 3D, speckle tracking, blood speckle tracking to the evaluation of congenital heart disease.
- Basics of multimodality approach in the diagnosis of congenital heart disease.
- Ultrasound application in theater and in intensive care unit, including basics of transesophageal echocardiography, lung ultrasound and point-of-care ultrasound.
- Participants will benefit from practical hands-on sessions.
- The course will also features direct visualization of congenital cardiac defects through anatomical specimens illustrated by cardiac morphologists, and 3D models of congenital heart disease will be used for teaching purposes.
- By the end of each session, learners will complete a set of mock exam questions to consolidate understanding and prepare for the final assessment.

The course is designed for different professional working with congenital heart disease patients, including *Pediatrician, Cardiologist, Cardiac Anesthetists and Echocardiography Technicians Sonographers*.

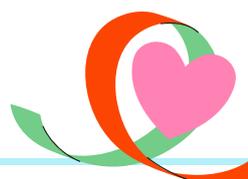
Led by a faculty of esteemed European experts-pediatric cardiologists, cardiac morphologists, pediatric cardiac anesthetists, and congenital heart surgeons-this course will prepare participants for the *EACVI/AEPC Certification in Congenital Heart Disease Echocardiography*.

In collaboration with *SECPCC (Sociedad española de cardiología pediátrica y cardiopatías congénitas)*.

Web: www.echocoursemalaga2026.com

MALAGA

1/2 OCTOBER





Scientific Program

DAY 1

8:30 **Welcome**

8:45 **Session I**

An approach to echocardiography in CHD

Moderator: Giovanni di Salvo & Almudena Ortiz

- The physics of ultrasound **Giovanni di Salvo**
- The sequential approach **Beatriz Picazo**
- Situs Anomalies **Almudena Ortiz**
- How to measure and normalize measurements in pediatric echocardiography **Massimiliano Cantinotti**
- Discussion

10:00 **Session II**

Septal defects and PDA

Moderator: Enrique Ruiz & Ana Timoteo

- Atrial Septal defects **Joaquín Cano**
- Ventricular Septal Defects **Ana Timoteo**
- Patent arterial duct in different conditions **Anna Sabaté**
- Surgery vs interventional indications ASD/VSD/PDA **Álvaro Milán vs Enrique Ruiz**
- Discussion

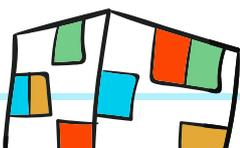
11:15 **Coffee break**

11:45 **Session III**

CHD with possible neonatal emergencies

Moderator: Almudena Ortiz & Sylvia Krupickova

- Aortic coarctation **Heynric Grotenhuis**
- Transposition of the Great Arteries **Massimiliano Cantinotti**
- Pulmonary stenosis (including critical pulmonary stenosis) **Leticia Albert**
- Aortic stenosis (including critical aortic stenosis) **Tristan Ramcharan**
- Anomalous pulmonary venous return **Sylvia Krupickova**
- Discussion





Scientific Program

DAY 1

13:15 Lunch

14:00 Industry symposium

14:30 Session IV

Cono-truncal defects

Moderator: Enrique Ruiz & Colin McMahon

- Tetralogy of Fallot (before and after correction/palliation)
Giovanni Di Salvo
- Pulmonary atresia (PA IVS/PA VSD) **Colin McMahon**
- Truncus arteriosus and Aorto-pulmonary window **Inga Voges**
- Cono truncal defects: echo-cath-surgery interface in cono truncal disease. **Gonzalo Cortázar vs Enrique Ruiz**
- Discussion

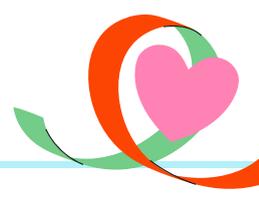
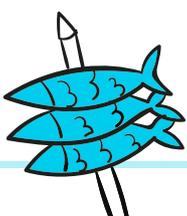
15:45 Session V

Valve defects in the pediatric age.

Moderator: Heynric Grotenhuis & Alexander Van de Bruaene

- Congenital MV defects **Beatrice Bonello**
- Congenital TV defects **Giulia Pasqualin**
- Atrio-ventricular Septal Defects **Colin McMahon**
- Echocardiographic Pitfalls and Pearls in Pediatric Valve Disease
Tristan Ramcharan
- Discussion

17:00 Practical Sessions





Scientific Program

DAY 2

8:30 Session VI

Univentricular heart

Moderator: Beatrice Bonello & Inga Voges

- Anatomical specimen **Francisco Vera**
- Univentricular left heart including borderline LV **Beatrice Bonello**
- Univentricular right heart including borderline RV **Giulia Pasqualin**
- Univentricular heart after various stage of Fontan Palliations **Inga Voges**
- From Glenn to Fontan: Echo red flags that change the pathway **Gonzalo Cortázar vs Esteban Sarria**
- Discussion

10:30 Coffee break

11:00 Session VII

Echo Tools for Ventricular Function in CHD

Moderator: Massimiliano Cantinotti & Annemien Van den Bosch

- Myocardial strain (LV, RV, systemic RV) **Giovanni di Salvo**
- 3D ventricular volumes and EF and RV-focused functional indices (FAC, TAPSE limitations) **Annemien Van den Bosch**
- Diastolic function in congenital heart disease **Margarita Brida**
- Discussion

11:00 Session VIII

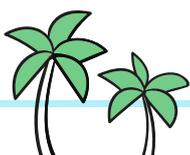
Ultrasound in theatre and in intensive care unit

Moderator: Beatriz Picazo & Tristan Ramcharan

- Basics of TEE **Laura Caravaca**
- Lung ultrasound **Massimiliano Cantinotti**
- PICU ultrasound **Pilar Sánchez**
- Discussion

13:00 Lunch

13:45 Industry symposium





Scientific Program

DAY 2

14:30 Session IX

Complex CHD: DORV and CCTGA

Moderator: Giovanni di Salvo & Laura Dos Subirá

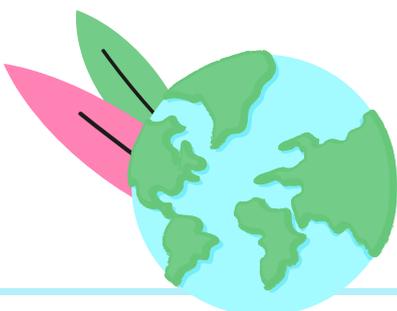
- Anatomical specimen **Francisco Vera**
- DORV diagnosis and indications for management **Sylvia Krupickova**
- CCTGA diagnosis and indications for management **Laura Dos Subirá**
- Post repair and long term echo surveillance in DORV and ccTGA
Alexander Van de Bruaene
- Discussion

15:45 Session X

Advanced Echo Techniques: Pulmonary Hypertension and 3D Valve Imaging

Moderator: Margarita Brida & Victorio Cuenca

- Echo markers of pulmonary hypertension in CHD **Alexander Van de Bruaene**
- RV-PA coupling and Limitations of Doppler in complex anatomy **Laura Dos Subirá**
- 3D valve morphology and mechanism analysis **Annemien Van den Bosch**
- Discussion





Course Committee

Massimiliano Cantinotti, Italy — Chair AEPC/EACVI Sig

Giovanni Di Salvo, Italy — Chair EACVI Sig

Heynric Grotenhuis, The Netherlands — Chair AEPC/EACVI Sig

Colin McMahon, Ireland — Co-Chair, AEPC/EACVI Sig

Almudena Ortiz Garrido, Spain — AEPC/EACVI Sig, Local Chair

Ana Teresa Timoteo, Portugal — EACVI

Faculty

Alexander Van de Bruaene, Belgium — EACVI Sig

Anemien Van de Borch, The Netherlands — EACVI Sig

Beatrice Bonnelo, UK — AEPC/EACVI Sig

Sylvia Krupickova, UK — AEPC / EACVI Sig

Inga Voges, Germany — AEPC/EACVI

Laura Dos Subira, Spain — EACVI, Sig

Margarita Brida Croatia — EACVI Sig

Tristán Ramcharan, UK — AEPC / EACVI Sig

Local Committee

J. Ignacio Zabala Chief of Paediatric Cardiology, HRUM, AEPC

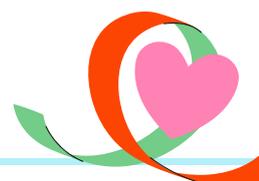
Cristobal Urbano Chief of the Cardiology Unit. HRUM, ESC

Enrique Ruiz Chief of Cardiovascular and Congenital Heart
Disease Unit. HRUM, AEPC

Beatriz Picazo HRUM, AEPC, EACVI

Gonzalo Cortázar HRUM, AEPC

Laura Caravaca HRUM, AEPC





Registration fees

(VAT INCLUDED)

	Until 30/06/2026	From 30/06/2026 to 01/09/2026	From 01/09/2026
Senior (>35 years)	350€	400€	450€
Senior (>35 years) Member AEPC/EACVI/SECPCC	275€	325€	375€
Junior (<35 years)	205€	225€	305€
Junior (<35 years) Member AEPC/EACVI/SECPCC	175€	195€	250€

Organizing Secretariat

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