



Echocardiography in Paediatric Congenital Heart Disease 2026

Venue: QEUH Teaching & Learning Centre (TLC),
1st floor, Clinical Skills Area



Royal Hospital for Children & Queen Elizabeth University Hospital, Glasgow

Overview

The course provides clinically relevant lectures, case studies and hands-on small group tutorial on performing echocardiography with participating volunteer paediatric patients, delivered by consultant paediatric cardiologists, consultant neonatologist with expertise in cardiology and advanced cardiac physiologists with ESC accreditation in congenital heart disease echocardiography. Those with a basic level of experience in Echocardiography will find it much easier to follow. Course lecture handouts will be provided via the course website: <http://www.paediatricecho.co.uk/>. The course fills quickly so early applications are advised.



Day 1
Tuesday 14th July, 2026
Venue: Teaching and Learning Centre

08.45 – 09.00 Registration

Session 1 – Chair: Georgios Meridis

09.00 – 09.10 Welcome and introduction (*Maria Ilina*)

09.10 – 10:00 Physics of ultrasound (*Speaker TBC*)

10.00 – 11:00 Normal anatomy, segmental analysis & morphology (*Speaker TBC*)

11:00 – 11.15 Tea/Coffee

Session 2 – Chair: Maria Ilina

11.15 – 11:45 Normal study and reporting (*Lynsey McIntyre*)

11.45 – 12:30 Assessment of ventricular function and cardiomyopathies (*Georgios Meridis*)

12.30 – 13:00 Congenital anomalies of coronary arteries (*Georgios Meridis*)

13:00 – 14:00 Lunch

Session 3 – Chair TBC

14:00 – 14.45 Ventricular septal defects and atrioventricular septal defects (*Emma Finlay*)

14.45 – 15.30 Echocardiography in Neonatology (*Speaker TBC*)

15:30 - 15:45 Tea/coffee

Session 4 – Chair TBC

15.45 – 16.40 Right-sided obstructive lesions (*Maria Ilina*)

16.40 – 17.30 Left-sided obstructive lesions (*Georgios Meridis*)



Day 2

Wednesday 15th July, 2026

Venue: Teaching and Learning Centre

Session 1 – Chair TBC

9.00 – 10:00 Fetal Echocardiography (*Speaker TBC*)

10:00 – 11:00 Transposition of the great arteries and double outlet right ventricle (*Lesley Armour*)

11:00 – 11:15 Tea/coffee

Session 2 – Chair TBC

11:15 – 12:00 Atrial septal defect, total and partial anomalous venous drainage (*Nicholas Martin*)

12:00 – 13:00 Rare and complex biventricular hearts (*Lesley Armour*)

13:00 – 13:45 Lunch

Session 3 – Chair TBC

13:45 – 14:45 Echocardiography in postoperative follow up (*Speaker TBC*)

14:45 – 15:30 Aortic arch anomalies and PDA (*Speaker TBC*)

15:30 - 15:45 Tea/coffee

Session 4 – Chair: Pankaj Gupta

15:45 – 16:30 Univentricular heart (*Maria Ilina*)

16:30 – 17:30 Guest lecture (*TBC*)

19.30 Course Dinner: (**venue TBC**)



Day 3

Thursday 16th July, 2026

Venue: Teaching and Learning Centre, Clinical Skills Area

Practical Studies:

09:00 – 10:45 M-mode, 2D echo and Doppler. Image acquisition and optimisation, normal study

10:45 – 11:00 Tea/coffee

11:00 – 13:00 Normal study, “Simple” congenital lesions (ASD, VSD, AS, PS, PDA)

HeartWorks

13:00 – 13:45 Lunch

13:45 – 15:30 “Simple” (ASD, VSD, AS, PS, PDA) and “moderate” (ToF, TGA) congenital lesions

HeartWorks

15:30 – 15:50 Tea/coffee

15:50 – 17:30 “Complex” (DORV, complex TGA, common arterial trunk, PA/VSD, PA/IVS, CCTGA, Ebstein anomaly) biventricular and univentricular congenital cardiac lesions

3D models



Day 4

Friday 17th July, 2026

Venue: Teaching and Learning Centre, Clinical Skills Area

Practical studies:

10.00 –12:30 Simple, Moderate, Complex biventricular and univentricular hearts

HeartWorks

3D models

Please complete and hand in course evaluation forms, then receive password to download handouts

~ End of Course ~



**Scottish Paediatric
Cardiac Service**



COURSE DIRECTORS

Dr Maria Ilina, Consultant Paediatric Cardiologist (RHC Glasgow)

Mr Nicholas Martin, Cardiac Physiologist (RHC Glasgow)

Dr Georgios Meridis, Consultant Paediatric Cardiologist (RHCYP Edinburgh)

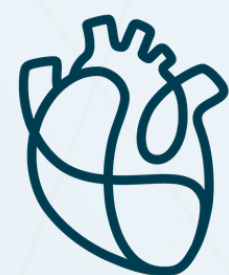
Course Administrator: Project Manager, Glasgow Children's Hospital Charity

Course website: www.paediatricecho.co.uk

This course would not be possible without the generous support from



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HeartWorks
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