



Scottish Paediatric
Cardiac Service



Echocardiography in Paediatric Congenital Heart Disease 2020

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



Overview

The course provides clinically relevant lectures and small group hands-on tutorial on volunteer paediatric patients. Lectures and demonstrations 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.

**Royal Hospital for Children &
Queen Elizabeth University Hospital, Glasgow**

www.paediatricecho.co.uk

Provisional Programme

Day 1 – Tuesday 21st April, 2020

09:00 – 09:15

Registration

Lectures:

09:15 – 09:20

Introduction

09:20 – 10:40

The Normal Echo Study
Practical Physics & Instrumentation

11:00 – 12:30

Normal anatomy, segmental analysis & morphology

12:30 – 13:00

Murmurs

Practical Studies:

14:00 – 15:45

M-mode, 2D echo and Doppler Image Optimisation

16:00 – 17:30

Normal subjects and minor lesions

Day 2 – Wednesday 22nd April, 2020

Lectures:

09:00 – 10:00

Assessment of ventricular function
Cardiomyopathies & ALCAPA

10:00 – 10:30

Arterial Duct

10:50 – 11:40

ASD/PAPVD/TAPVD

11:40 – 12:40

VSD/AVSD

12:40 – 13:30

Echocardiography in Neonatology

Practical Studies:

14:15 – 15:45

LV dysfunction, Cardiomyopathy, PDA

16:00 – 17:30

ASD, pulmonary veins, VSD, AVSD

Day 3 – Thursday 23rd April, 2020

Lectures:

- 09:00 – 09:40** CoAo & Interrupted Aortic Arch
09:40 – 10:40 Left-sided obstructive lesions
11:00 – 12:15 RVOT lesions
(PS, Tetralogy of Fallot, PA/VSD, PA/IVS)
12:15 – 13:30 Complex biventricular heart

Practical Studies:

- 14:15 – 15:45** Aortic Stenosis, CoA, HLHS, RVOT, TOF
16:00 – 17:30 TGA, Congenitally corrected TGA, Ebstein anomaly, Univentricular heart
19:30 Course Dinner: (venue TBC)

Day 4 – Friday 24th April, 2020

Lectures:

- 09:00 – 09:40** Echocardiography in univentricular heart
09:40 – 10:50 What to do when? Post op Echo:
TOF
AVSD
Glenn
TCPC including HLHS
11:10 – 12:30 Guest lecture by Prof. John Simpson
12:30 – 13:30 Summary & Quiz

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

~ End of Course ~

FACULTY LIST

Lesley Armour, Paediatric Cardiac Physiologist
Emma Finlay, Paediatric Cardiac Physiologist
Helen Fulton, Paediatric Cardiac Physiologist
Alan Houston, Consultant Paediatric Cardiologist
Lindsey Hunter, Consultant Paediatric Cardiologist
Maria Ilina, Consultant Paediatric Cardiologist (Course Director)
Brodie Knight, Consultant Paediatric Cardiologist
Stuart Lilley, Senior Cardiac Physiologist, Head of Echocardiography
Patrick Noonan, Consultant Paediatric Cardiologist
Benjamin Smith, Consultant Paediatric Cardiologist
Anne-Marie Heuchan, Consultant Neonatologist
Neil Patel, Consultant Neonatologist

Demonstrators: Lynsey McIntyre, Cardiac Physiologist, R.H.S.C. of Edinburgh; Joanne Cusack, Head of Cardiac Physiology Department, Forth Valley Royal Hospital; Dr Muhammad Walayat, Consultant Paediatric Cardiologist; course faculty

Guest Speaker: John Simpson, Professor of Paediatric and Fetal Cardiology
Evelina Children's Hospital, London UK

Email: abigail.stein@glasgowchildrenshospitalcharity.org

Course website: www.paediatricecho.co.uk



This course would not be possible without the support from:



GE Healthcare

Pricing

Whole Course

£700

Lectures only

£350

Early Bird

£600/£250 (before 31st Jan '20)

Course lecture handouts will be provided via the course website:

www.paediatricecho.co.uk

The course fills quickly so early applications are advised.