



Morphology & Echocardiography in Neonates & Children Interactive Morphology and Echo Course Course Provisional Programme

RCPCH approves this activity for CPD in accordance with the current RCPCH CPD guidelines
8 BSE points
Applied for

Wednesday 30th September 2026– Foundations of Congenital Echocardiography

Morning Session

09:00 - 09:15 Registration and coffee

09:15 - 09:25 Introduction and Welcome

09:25 - 10:20 Normal cardiac anatomy

10:20 - 11:20 Echo planes & morphological correlation (3D digital models and live scanning)

Faculty
Mr A Crucean
Dr Anna Seale

11:20 - 11:45 Tea / coffee

11:45 - 12:15 Sequential segmental analysis on echocardiography

12:15 – 12:45 The physics of echocardiography in practice

Mrs Anne Banning
Dr Mike Harris

12.45 – 13.30 Lunch

Afternoon Session

13.30 - 14:15 Live Scanning on mannequin

14:15 -14.35 The physics of Doppler in practice

14:35 - 15:15 Echo techniques: basic modes

All, groups
Dr Mike Harris
Dr Tara Bharucha

15:15 - 15:45 Tea / coffee

15:45 - 16:20 Echo techniques, probes and image optimization

16:20 - 17:00 Quiz and discussion

Mrs Charlotte Wilson

17.00– 18.30 – Drinks reception

Please join us for drinks and canapés, courtesy of our sponsor Axial3D.





Thursday 1st October

Morning Session – Introduction

08:30 – 09:15	Optional breakfast session – hands-on mannequin and 3D models	Faculty
09:15 – 09:20	Introduction and Welcome	Faculty
09:20 – 10:05	Sequential segmental analysis (morphology)	Prof R Anderson/Mr A Crucean
10:05 – 10:45	Sequential segmental analysis on echocardiography	Dr A Seale
10:45 – 11:10	Example cases using segmental sequential analysis	Dr Mike Harris

11:10 – 11:30 Tea / coffee

Morning Session continued – The Child with a Murmur

11.30 – 11:45	Morphology of atrial septal defects	Prof R Anderson/Mr A Crucean
11.45 – 12:10	Echocardiography of atrial septal defects	Dr David Black
12.10 – 12.30	Morphology of patent arterial duct	Prof R Anderson/Mr A Crucean
12:30 – 13:00	Echocardiography of patent arterial ducts	Dr Tara Bharucha

13:00 – 13:45 Lunch with optional hands-on activities/Virtual reality navigation/3D models/ Mannequin.

Afternoon Session - The Breathless Child

13:45 – 14:20	Morphology of ventricular septal defects	Prof R Anderson/Mr A Crucean
14:20 – 14:55	Echocardiography of ventricular septal defects	Dr Kevin Roman
14:55 – 15:15	Quiz	Dr Tara Bharucha Charlotte Wilson

15:15 – 15:45 Coffee/Tea

Afternoon Session - The Breathless Child continued

15:45 – 16:30	Morphology of atrioventricular septal defects	Prof R Anderson/Mr A Crucean
16:30 – 17:00	Echocardiography of atrioventricular septal defects	Dr Tara Bharucha
17:00 – 17:15	Surgery for atrioventricular septal defects	Mr Nicola Viola
17:15 – 17:30	Quiz/Discussion/Q and A	Dr Anna Seale

17.30 Close





Friday 2nd October

Morning Session

08:30 – 09:20 Optional breakfast session – hands-on mannequin and 3D models

09:00 - 09:20 Registration and coffee

09:20 – 09:55 Pulmonary artery pressure: assessment and causes of abnormality

Dr Anna Seale

09:55 – 10:30 Coronary artery anomalies

Dr Tristan Ramcharan

10.30 – 10.50 Coffee

10.50 – 11:20 Morphology of right ventricular outflow tract obstruction

Prof R Anderson/Mr A Crucean

11:20 – 11:40 Echocardiography of right ventricular outflow tract obstruction

Dr Andy Ho

11:40 – 12:20 Reporting cases

Dr Tara Bharucha/Mrs Anne Banning

12:20 – 13:30 Lunch with optional hands-on activities/Virtual reality navigation/3D models/
Mannequin

Afternoon Session - The Blue Baby

13.30 – 14.00 Morphology of tetralogy of Fallot

Prof R Anderson/Mr A Crucean

14.00 – 14.30 Echocardiography of tetralogy of Fallot:

Dr Kevin Roman

14.30 – 14.50 Surgery for tetralogy of Fallot

Mr Nicola Viola

14.50 – 15.20 Morphology of transposition

Prof R Anderson/Mr A Crucean

15.20 – 15.45 Tea/Coffee

15.45 – 16.10 Echocardiography of transposition

Dr Tara Bharucha

16.10 – 16.30 Surgery for transposition

Mr Nicola Viola

16.30 – 17.00 Case presentation

Charlotte Wilson

17.00 – 17.15 Quiz

17.15 Close





Saturday 3rd October

Morning Session - The Shocked Neonate

09.00 – 09.20 Registration and Coffee

09.20 – 09.45 Morphology of LVOTO

Prof R Anderson/Mr A Crucean

09.45 – 10:15 Echocardiography of LVOTO

Dr Anna Seale

10:15 – 10:40 Morphology of coarctation and interrupted aortic arch

Prof R Anderson/Mr A Crucean

10:40 – 11.10 Echocardiography of coarctation of the aorta and interrupted arch

11:10 – 11:30 Tea/Coffee

11:30 – 12.00 Morphology of hypoplastic left heart syndrome *Prof R Anderson/Mr A Crucean*

12.00 – 12.25 Overview of surgery for hypoplastic left heart syndrome

Miss Natasha Khan

12.25 – 12:55 Echocardiography of hypoplastic left heart syndrome

Dr Anna Seale

12.55 – 13:15 Quiz/Discussion/Q & A

13.15 Course Close

Website: congenitalecho.co.uk

Email : info@congenitalecho.co.uk

