

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.
4 BSE points.

Wednesday 11th October – 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

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

12.45 – 13.30 Lunch

Afternoon Session

13.30 - 14:15 Live Scanning

14:15 -14.35 The physics of Doppler in practice

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

15:15 - 15:45 Tea / coffee

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

16:20 - 17:00 Quiz and discussion

17.00– 18.30 – Drinks reception

Please join us as our guests to network and enjoy a drink with the faculty

Thursday 12th October

Morning Session – Introduction

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

09:20 - 09:30 Introduction and Welcome

09:30 - 10:00 Sequential segmental analysis (morphology)

10:00 - 10:40 Sequential segmental analysis on echocardiography

10:40 - 11:10 Example cases using segmental sequential analysis

11:10 - 11:30 Tea / coffee

Morning Session continued – The Child with a Murmur

11.30 – 11:45 Morphology of atrial septal defects

11.45 – 12:10 Echocardiography of atrial septal defects

12.10 – 12.30 Morphology of patent arterial duct

12:30 – 13:00 Echocardiography of patent arterial ducts

13:00 – 13:45 Lunch with optional hands-on activities

Afternoon Session - The Breathless Child

13:45 – 14:30 Morphology of ventricular septal defects

14:30 – 15:00 Echocardiography of ventricular septal defects

15:00 – 15:30 Quiz

15.30 – 16.00 Coffee/Tea

Afternoon Session - The Breathless Child continued

16:00 - 16:30 Morphology of atrioventricular septal defects

16:30 – 17:00 Echocardiography of atrioventricular septal defects

17:00 – 17:15 Surgery for atrioventricular septal defects

17:15 – 17:30 Quiz/Discussion/Q and A

17.30 Close

Friday 13th 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 – 09.50 Echo assessment of pulmonary hypertension

09.50 – 10:00 Case presentation and morphological correlation

10:00 – 10:30 Assessment of ventricular function

10.30 – 10.50 Coffee

10.50 – 11.05 Morphology of right ventricular outflow tract obstruction

11.05 – 11.30 Echocardiography of right ventricular outflow tract obstruction

11.30 – 12:10 Reporting cases

12:10 – 12:30 Sponsor session

12.30 – 13.30 Lunch with optional hands-on activities

Afternoon Session - The Blue Baby

13.30 – 14.00 Morphology of tetralogy of Fallot

14.00 – 14.30 Echocardiography of tetralogy of Fallot

14.30 – 14.50 Surgery for tetralogy of Fallot

14.50 – 15.20 Morphology of transposition

15.20 – 15.45 Tea/Coffee

15.45 – 16.10 Echocardiography of transposition

16.10 – 16.30 Surgery for transposition

16.30 – 17.00 Case presentation

17.00 – 17.15 Quiz

17.15 Close

Saturday 14th October

Morning Session - The Shocked Neonate

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

09.00 – 09.20 Registration and Coffee

09.20 – 09.45 Morphology of LVOTO

09.45 – 10:15 Echocardiography of LVOTO

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

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

12.00 – 12.25 Overview of surgery for hypoplastic left heart syndrome

12.25 – 12:55 Echocardiography of hypoplastic left heart syndrome

12.55 – 13:15 Quiz/Discussion/Q & A

13.15 Course Close

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