

Bart's Heart Centre Adult Congenital Heart Disease Echocardiography Course

Aim:

The course is aimed at providing participants with an understanding of the role of transthoracic echocardiogram in the assessment of adult congenital heart disease patients. The course will benefit everyone however it is particularly intended for cardiac physiologists and cardiologists with either special interest in ACHD or those in general hospitals who do not have adult congenital heart disease training but are looking to enhance their skills to improve care of ACHD patients locally. At the end of the course, the participants will have acquired knowledge of physiology and anatomy of common congenital cardiac lesions, cardiac surgical techniques and technical aspects of the adult congenital transthoracic echocardiogram.

Target audience:

- Cardiac Physiologists
- Cardiology Registrars
- Adult Consultant Cardiologists
- Paediatric Cardiologists

Date: *Friday 7th July*

Time: *08:30-16:00*

Location: *Nuffield Health Centre, 97 Aldersgate Street, Barbican, London, EC1A 4JP*

Program

08:00 - 08:30 - Registration

08:30 - 09:00 - ACHD Echo protocol

Speaker: Rebecca Macrae, Deputy Principal Cardiac Scientist, Barts Heart Centre

09:00 - 09:20 - Ventricular septal defects

09:20 - 09:40 - Cases

Speaker: Dr. Mona Lwin, Consultant Cardiologist, Bart's Heart Centre

09:40 - 10:00 - Atrial Septal Defects

10:00 -10:20 - Cases

Speaker: Dr. Katherine VonKlempner, Consultant Cardiologist, Barts Heart Centre

10:20 - 10:40 - Tea break

10:40 -11:00 - Atrioventricular septal defects

11:00 - 11:20 - Cases

Speaker: David Hoare, Deputy Principal Cardiac Scientist, Barts Heart Centre

11:20 - 11:40 - Tetralogy of Fallot

11:40 - 12:00 - Cases

Speaker: Dario Freitas, Clinical Scientist in Cardiology and Lead for ACHD Echocardiography, Guy's and St Thomas' Hospital

12:00 -12:20 - Transposition of Great Arteries

12:20 -12:40 - Cases

Speaker: Hannah Crane, Lead Cardiac Scientist for Education and Research, St. George's University Hospital

12:40 - 13:30 - Lunch break

13:30 - 13:50 - Fontan/ Single Ventricle

13:50 - 14:10 - Cases

Speaker: Rebecca Macrae, Deputy Principal Cardiac Scientist, Barts Heart Centre

14:10 - 14:30 - CHD PH

14:30 - 14:50 - Cases

Speaker: Dr. Mona Lwin, Consultant Cardiologist, Bart's Heart Centre

14:50 - 15:20 - Tea break

15:20 - 15:40 - Advanced Echo modalities (3D, GLS, Contrast)

15:40 - 16:00 - Cases

Speaker: TBA