

Effective Prenatal Screening of Congenital Heart Disease 2022 20 years on, 28 and 29 July

DAY 1: Thursday, 28 July 2022

08.45 Registration and coffee

09.15 Welcome and objectives

Prof Carvalho & Prof Ho

SESSION 1 – Chairperson: Mr Leigh **TECHNIQUE – LOOKING BACK, LOOKING FORWARD**

09.30 Keynote lecture

Looking back: History of cardiac screening and fetal cardiology
From early days to current times

Prof Allan

10.10 Looking forward: What next in cardiac screening?
Current Guidelines and beyond

Prof Carvalho

10.30 Introduction to quiz

Prof Carvalho

10.40 Coffee & Quiz – Test your skills

SESSION 2 – Chairperson: Prof Carvalho **THE FOUR CHAMBER AND VESSELS**

11.00 The normal heart: sequential segmental analysis
The logical approach: morphology

Prof Ho

11.20 Laterality, situs, four chambers, vessels and beyond
Old-fashion renewed - adding colour

Prof Carvalho

11:40 The outflow tracts, 3VV and 3VTV
What we know and are still learning

Dr Jowett

12.15 Lunch and Quiz – Test your skills

SESSION 3 – Chairperson: Dr Kupriskova **THEORY TO PRACTICE**

13:15 Live scanning – an interactive session

Prof Carvalho

14.15 Tea and Quiz– Test your skills

SESSION 4 – Chairperson: Dr Kupriskova **PICKING UP AN ATRIOVENTRICULAR SEPTAL DEFECT**

14:45 Anatomical features: the morphological spectrum of AVSD
Understanding the essential features

Prof Ho

15.05 This fetus has an AVSD: ultrasound and clinical features
Familiarising with scan findings of different types of AVSD

Dr Lopes

15.35 Quiz review

Prof Carvalho/ Prof Allan/ Dr Jowett

16.30 Close

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DAY 2: Friday, 29 July 2022

08.45 Registration and coffee

09.15 Welcome back and objectives

Prof Carvalho & Prof Ho

**SESSION 1 – Chairperson: Dr Bhide
PICKING UP HYPOPLASTIC LEFT HEART and COARCTATION**

09:30 Anatomy: HLHS and Coarctation
Understanding the essentials features

Dr McCarthy

09:50 This fetus has HLHS: ultrasound and clinical features
Recognising the echo spectrum of HLHS

Dr Jowett

10:10 This fetus has 'coarctation': ultrasound and clinical features
Difficulties at screening and difficult to confirm

Prof Carvalho

10.30 Coffee & Quiz – Test your skills

Keynote lecture

11:00 Abnormal hearts: Anatomy and ultrasound
Interactive session

Prof Carvalho & Prof Ho

**SESSION 2 – Chairperson: Dr Bhide
PICKING UP OUTFLOW TRACT ABNORMALITIES (1)**

11:45 Tetralogy of Fallot: the morphological spectrum
Understanding the essential features

Prof Ho

12.05 This fetus has TOF: ultrasound and clinical features
Recognising the echo spectrum of TOF

Dr Zidere

12.30 Lunch and Quiz – Test your skills

**SESSION 3 – Chairperson: Ms Pereira
PICKING UP OUTFLOW TRACT ABNORMALITIES (2)**

13:30 Complete and corrected transposition
Anatomy: Understanding the essential features

Prof Ho

13.45 This fetus has 'TGA': ultrasound and clinical features
Understanding connections and relationships

Prof Carvalho

14.15 Tea and Quiz– Test your skills

**SESSION 4 – Chairperson: Ms Pereira
IMAGES, IMAGES, MORE IMAGES**

14.45 Review of sonographers' images
What you are picking up and what to look for

Prof Carvalho

15.15 Quiz review

Prof Carvalho/ Dr Jowett/ Dr Zidere

16.30 Close

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LIST OF CONTRIBUTORS

COURSE DIRECTORS

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Prof S. Yen Ho	Professor of Cardiac Morphology and Consultant Royal Brompton Hospital, London Imperial College, London

INVITED FACULTY

Prof Lindsey Allan	Professor of Fetal Cardiology Kings College Hospital (<i>retired</i>)
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Mr Bertie Leigh	Solicitor, London
Dr Karina Lopes	Consultant Fetal & Paediatric Cardiologist Instituto de Medicina Integral Prof Fernando Figueira Recife, Brazil
Dr Karen McCarthy	Research Fellow and Co-lead, Cardiac Morphology Royal Brompton Hospital, London
Ms Susana Pereira	Consultant Obstetrician Kingston Hospital
Dr Vita Zidere	Consultant Fetal & Paediatric Cardiologist Kings College Hospital & Evelina LCH, St Thomas' Hospital, London