

Effective Prenatal Screening of Congenital Heart Disease 2020

21, 22 and 23 May

DAY 1: Thursday, 21 May 2020

08.45 Registration and coffee
09.15 Welcome and objectives

Prof Carvalho & Prof Ho

SESSION 1 – Chairperson: Prof Carvalho

Key lecture

9:30 This heart does not look normal ... but there is no 'defect'!

Looking at the heart when there are other fetal abnormalities

TECHNIQUE – OPTIMISING YOUR SCANS FOR CARDIAC SCREENING

10:00 How to 'drive' your machine. Essential rules and practical tips
Setting up your equipment to get the most of your images

10.30 Introduction to quiz

10.40 Coffee & Quiz – Test your skills

SESSION 2 – Chairperson: Dr Alex Frick (TBC) **CARDIAC SCREENING PROTOCOLS**

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

11.20 'FASP' and 'ISUOG' Cardiac protocols – what next?
Sequential analysis in practice: the normal heart

11:40 More about vessels – An obstetrician's approach
Cross-over, 3VV, 3VTV and sagittal views

12.15 Lunch and Quiz – Test your skills

SESSION 3 – Chairperson: Dr Renata Hutt (TBC)

IMAGES, IMAGES, MORE IMAGES – LOOKING BACK AND LOOKING FORWARD

13:15 Subtle, missed findings... big problems: Would you have referred?
An interactive session

13:45 Big aorta, big pulmonary trunk
How big is too big and does it matter?

14.15 Tea and Quiz– Test your skills

SESSION 4 – Chairperson: Dr Renata Hutt (TBC)

PICKING UP AN ATRIOVENTRICULAR SEPTAL DEFECT

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

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

15.35 Quiz review

16.30 Close

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DAY 2: Friday, 22 May 2020

08.45 Registration and coffee

09.15 Welcome and objectives

Prof Carvalho & Prof Ho

SESSION 1 – Chairperson: Dr Michael Rigby

Key lecture

9:30 Abnormal hearts and the sequential segmental analysis
Putting the pieces of the puzzle together

PICKING UP HYPOPLASTIC LEFT HEART and COARCTATION

10:15 Anatomy: HLHS and Coarctation
Understanding the essential features

10:35 This fetus has HLHS: ultrasound and clinical features
Recognising the echo spectrum of HLHS

10:55 This fetus has ‘cardiac disproportion’
What does it mean?

11.15 Coffee & Quiz – Test your skills

SESSION 2 – Chairperson: Dr Michael Rigby

PICKING UP OUTFLOW TRACT ABNORMALITIES (1)

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

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

12.30 Lunch and Quiz – Test your skills

SESSION 3 – Chairperson: Prof Julene Carvalho

PICKING UP OUTFLOW TRACT ABNORMALITIES (2)

13:30 Complete transposition
Anatomy: Understanding the essential features

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

14.15 Tea and Quiz– Test your skills

SESSION 4 – Chairperson: Dr Margarita Bartsota

IMAGES, IMAGES, MORE IMAGES

14.45 Three-vessel and three-vessel trachea view
What you are picking up and what to look for

15.15 Quiz review

16.30 Close

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DAY 3: Saturday, 23 May 2020

IMAGING THE FETAL HEART IN PRACTICE

(Practical Hands-on Training for right-hand scanning and video session, for 2 groups)

The number of delegates will be restricted to **32**

Please note rooms are set up for right-hand scanning (4 per room during hands-on session – am/pm).
Choice of am or pm, session will be on a first-come, first-served basis

Whenever possible, fetuses with congenital heart disease will be scanned

Meeting point and times: *Please be punctual*

Main reception of Royal Brompton Hospital (RBH), Sydney Street, London SW3 6NP

08:30 – 08:45am Group A delegates – 16 delegates

10.30 – 10.45am Group B delegates – 16 delegates

MORNING

Group A – Echo rooms at RBH

09.00 Briefing of scanning/rotation for morning sessions

Prof Carvalho

Practical hands-on scanning

10.45 Coffee - all delegates

Practical hands-on scanning

Group B – Surgical Seminar room (4th Level, Chelsea Wing)

11:00 – 12:30 Interactive video clip demonstration of abnormalities

12.30 Lunch - all delegates

AFTERNOON

Group B – Echo rooms at RBH

13.45 Briefing of scanning/rotation for afternoon sessions

Prof Carvalho

Practical hands-on scanning

15.30 Tea - all delegates

Practical hands-on scanning

Group A – Surgical Seminar room (4th Level, Chelsea Wing)

13:30 – 15:00 Interactive video clip demonstration of abnormalities

17.15 Close

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LIST OF CONTRIBUTORS

COURSE DIRECTORS

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INVITED FACULTY

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