

# Effective Prenatal Screening of Congenital Heart Disease 2026

## 4, 5, 6 June

Course directors:

Prof Julene S. Carvalho and Prof S. Yen Ho

Brompton Centre for Fetal Cardiology  
St George's Fetal Medicine Unit

To be held at the Royal Marsden Hospital Conference Centre  
off Fulham Road, London, UK  
and Royal Brompton Hospital, UK

Now in its 24<sup>th</sup> year, this popular course has been updated to reflect national and international screening protocols whilst maintaining its successful format.

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## Effective Prenatal Screening of Congenital Heart Disease 2026 4, 5, 6 June

Now in its 24<sup>th</sup> year, this popular course is back to its 3-day format and with choice of attending in person or online. It includes updated interactive video clip sessions that reflect current national and international screening protocols. The course maintains its successful format and continues to provide new/ updated lecture topics, enhanced video clips and quiz sessions and provides an opportunity for all those who scan the fetal heart to update and expand their skills under the tuition of experts.

The course is primarily aimed at medical and non-medical sonographers who provide a routine fetal anomaly service. It incorporates techniques and ways of improving screening such as effective use of colour and pulsed wave Doppler. It takes into account the increasing demand for high-quality screening to be provided to all pregnant women. It is also suitable for trainees in fetal medicine, paediatric cardiology, obstetric ultrasound and advanced sonographers wishing to extend their knowledge on congenital cardiac anomalies.

For in person attendees, it provides the option of attending one or two days of presentations and discussions or three days that include interactive video and 3D models.

### Course Objectives

- To improve the sonographer's technique for imaging the fetal heart
- To enable the sonographer to identify the range of appearances of the normal and abnormal heart
- To enable the sonographer to distinguish between normal and abnormal features

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### Programme

#### **DAY 1:** Thursday, 4 June 2026

08.10 Registration and coffee  
08:50 Welcome and objectives Prof Carvalho & Prof Ho

#### **SESSION 1 – Chairperson: Prof Carvalho** **THE FETUS WITH CONGENITAL HEART DISEASE**

09.00 **Keynote lecture I**  
The geneticist's perspective Dr Homfray  
09.30 **Keynote lecture II**  
The fetal medicine perspective Prof Saviddou  
10.00 Introduction to quiz Prof Carvalho

#### **10.10 Coffee & Quiz – Test your skills**

#### **SESSION 2 – Chairperson: Prof Saviddou** **THE FOUR CHAMBERS AND VESSELS**

10.40 Sequential segmental analysis  
*Heart specimens, 3D models & scans* Prof Ho & Prof Carvalho  
11:10 The outflow tracts, 3VV and 3VTV Dr Panagiotopoulou

#### **SESSION 3 – Chairperson: Prof Saviddou**

11:40 Colour & pulsed wave Doppler – theory & practice  
*Fetal case presentations* Prof Carvalho

#### **12.15 Lunch & Quiz – Test your skills**

#### **SESSION 4 – Chairperson: Dr Ionescu** **THEORY TO PRACTICE**

13.15 Abnormal hearts: Anatomy and ultrasound  
*Interactive session* Prof Carvalho & Prof Ho

#### **IMAGES, IMAGES ...**

13:45 Review of sonographers' images - I  
*What you are not picking up ☹️.... Let's learn what to look for!* Prof Carvalho

#### **14.15 Tea & Quiz – Test your skills**

#### **SESSION 5 – Chairperson: Dr Ionescu** **PICKING UP FOUR-CHAMBER ABNORMALITIES: AVSD**

14.45 Anatomical features: the morphological spectrum of AVSD  
*Understanding the essential features* Prof Ho  
15.15 This fetus has an AVSD: ultrasound and clinical features  
*The obvious and the not so obvious abnormal 4-chamber view* Dr Bo

**15.45 Quiz review All**

16.30 Close

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### Programme

<b>DAY 2:</b>	<b>Friday, 5 June 2026</b>	
<b>08.15</b>	<b>Registration and coffee</b>	
<b>09.00</b>	<b>Welcome back and objectives</b>	Prof Carvalho & Prof Ho
<b>Session 6 – Chairperson: Dr Nair</b>		
<b>MORE THAN CARDIAC ANATOMY</b>		
09.10	Irregular rhythms <i>How to diagnose and how to manage</i>	Prof Carvalho
<b>Session 7 – Chairperson: Dr Nair</b>		
<b>PICKING UP FOUR-CHAMBER ABNORMALITIES: HLHS</b>		
09.50	Anatomical features – the morphological spectrum of HLHS <i>Understanding the essential features</i>	Prof Ho
10.10	This fetus has HLHS: ultrasound and clinical features <i>Recognising the echo spectrum of HLHS</i>	Dr Vazquez-Garcia
10.40	Introduction to quiz	Prof Carvalho
<b>10.50</b>	<b>Coffee &amp; Quiz – Test your skills</b>	
<b>Session 8 – Chairperson: Dr Nair</b>		
<b>PICKING UP OUTFLOW TRACT ABNORMALITIES: TETRALOGY OF FALLOT</b>		
11.10	Tetralogy of Fallot: the morphological spectrum <i>Understanding the essential features</i>	Prof Ho
11.30	This fetus has TOF: ultrasound and clinical features <i>Recognising the echo spectrum of TOF</i>	Dr Zidere
<b>12.00</b>	<b>Lunch &amp; Quiz – Test your skills</b>	
<b>Session 9 – Chairperson: Dr Rigby</b>		
<b>PICKING UP OUTFLOW TRACT ABNORMALITIES: COMPLETE TRANSPOSITION</b>		
13.00	Complete transposition of the great arteries <i>Anatomy: Understanding the essential features</i>	Prof Ho
13.20	This fetus has 'TGA': ultrasound and clinical features <i>Understanding connections and relationships</i>	Prof Carvalho
<b>Session 10 – Chairperson: Dr Rigby</b>		
<b>THEORY TO PRACTICE</b>		
13.50	Abnormal hearts: Anatomy and ultrasound <i>Interactive session</i>	Prof Carvalho & Prof Ho
<b>14.30</b>	<b>Coffee &amp; Quiz – Test your skills</b>	
<b>Session 11 – Chairperson: Prof Carvalho</b>		
<b>IMAGES, IMAGES, MORE IMAGES</b>		
15.00	<i>Review of sonographers' images II</i> <i>What you are picking up: smile, you are doing well 😊 !</i>	Prof Carvalho
<b>15.30</b>	<b>Quiz review</b>	<b>All</b>
16.15	Close	

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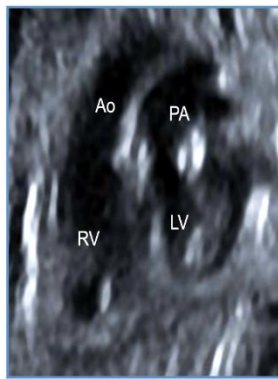
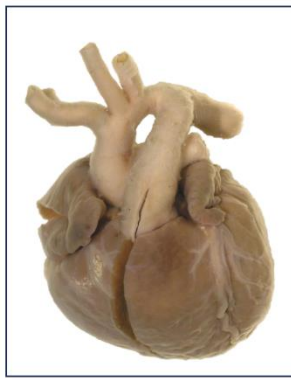
4, 5, 6 June

**DAY 3:** Saturday, 6 June 2026  
09.30 -12.00

**LIMITED PLACES**

**Interactive session with video clips / 3D models / heart specimens**

Prof Julene Carvalho, Dr Karina Lopes, Prof Yen Ho



**(NO hands-on scanning)**

**Meeting point and time: 09.30 am**

**Reception, Royal Brompton Hospital, Sydney Street, London SW3 6LY**

## Effective Prenatal Screening of Congenital Heart Disease 2026 4, 5, 6 June

### LIST OF CONTRIBUTORS

#### COURSE DIRECTORS

**Prof Julene Carvalho**

Head of Brompton Centre for Fetal Cardiology  
Royal Brompton Hospital  
Guy's and St Thomas' NHS Foundation Trust, London UK  
Fetal Medicine Unit, St George's University Hospital, London, UK  
Professor in Fetal Cardiology, City St George's University of London, UK

**Prof S. Yen Ho**

Consultant and Emeritus Professor of Cardiac Morphology  
Royal Brompton Hospital  
Guy's and St Thomas' NHS Foundation Trust, London UK  
Imperial College London, UK

#### INVITED FACULTY

**Dr Ilaria Bo**

Consultant Fetal & Paediatric Cardiologist,  
Brompton Centre for Fetal Cardiology  
Guy's and St Thomas' NHS Foundation Trust, London UK

**Dr Tessa Homfray**

Consultant Geneticist  
Royal Brompton Hospital and St. George's Hospital, London, UK

**Dr Olivia Ionescu**

Consultant in Fetal Medicine and Obstetrics  
Broomfield Hospital, Chelmsford  
Mid and South Essex NHS Foundation Trust, UK

**Dr Karina Lopes**

Associate Specialist Fetal Cardiology  
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Professor and Consultant Obstetrician, Fetal Medicine Lead  
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**Dr Laura Vazquez-Garcia**

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**Dr Vita Zidere**

Consultant Fetal and Paediatric Cardiologist,  
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Guy's and St Thomas' NHS Foundation Trust, London UK

## Effective Prenatal Screening of Congenital Heart Disease 2026 4, 5, 6 June

### COURSE FEES

#### In person only

- Day one (4 June): **£220**
- Day two only (5 June): **£220**
- Day one AND day two (4 + 5 June) : **£415**
- All three days (4 + 5 + 6 June) : **£515**

#### Online only

- Day one only (4 June): **£110**
- Day two only (5 June): **£110**
- Day one AND day two (4 + 5 June): **£180**

In person course fees include course refreshments, course materials

### COURSE ADMINISTRATOR

Mrs Christine Saddington

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