

Fetal Cardiology for Obstetricians and Fetal Medicine Specialists 2020

23 and 24 January 2020

(ISUOG approved course / suitable for CPD programme, RCOG)

Course Director: Prof Julene S Carvalho

Consultant Fetal & Paediatric Cardiologist

**St George's Fetal Medicine Unit
St George's University of London
Royal Brompton Hospital**

To be held at

St George's University of London, London SW17

For enquiries, e-mail: fetalecho@rbht.nhs.uk

To book a place, follow the link: [Fetal cardiology at SGUL](#)

Registration fee £290.00 (until 15 December 2019); £320.00 (from 16 December 2019)

Fetal Cardiology for Obstetricians and Fetal Medicine Specialists 2018

- Now in its 3rd year, this two-day course aims to provide Obstetricians and Fetal Medicine Specialists with an update on fetal cardiology topics which are relevant to management of high-risk pregnancies.
- The course maintains its initial format, including ultrasound evaluation of specific forms of congenital heart disease as seen in the fetus, pregnancy management and update on postnatal outcome. Quiz sessions throughout the course provide delegates with challenging ultrasound images to test their diagnostic skills, and are discussed in an interactive way.
- A session for discussion of cases that illustrate diagnosis and management of fetal congenital heart disease will be presented by the Faculty but delegates are also encouraged to submit their own cases for discussion in interactive sessions. Selected cases will be presented by the delegate and discussed by a panel of specialists.
- The course is primarily aimed at obstetricians and fetal medicine specialists but is also suitable for paediatric and fetal cardiologists and other professionals dealing with management of high-risk pregnancies.

Course Objectives

- To improve delegates' understanding of congenital heart disease
- To enable delegates to scan fetal heart abnormalities with confidence
- To enable delegates to manage fetal heart abnormalities within the context of fetal medicine.
- To improve delegates' knowledge of postnatal outcome of congenital heart disease

DAY 1: Thursday, 23 January 2020

PROGRAMME

8:45	Registration and coffee	
9:15	Welcome and Objectives	Prof Carvalho
SESSION 1	THE FETUS WITH CHD	
	Chairperson: Prof Carvalho	
9:30	Looking back: I made the wrong diagnosis/missed an abnormality <i>A Solicitor's advice and word of caution</i>	Mr Leigh
10:00	Common associated chromosomal & genetic syndromes <i>New era of genetic diagnosis</i>	Prof Mansour
10:30	How we support a family with major fetal CHD <i>The 'Brompton model' and Perinatal network</i>	Mrs de Sousa
11:00	Coffee break and quiz – test your skills	
SESSION 2	LIVE SESSION (sponsored by HITACHI) & Pre-lunch talk	
	Chairperson: Dr Bartsota	
11:30	Live & interactive session: 'Scanning a fetus with major CHD: the sequential approach and more	Prof Carvalho
12:10	Food for thought: Limitations of 1st trimester fetal echo	Dr Ushakov
12:30	Lunch break and quiz – test your skills	
SESSION 3	THE 3V AND 3VT VIEWS - New insights into the fetal heart	
	Chairperson: Dr Bartsota	
13:30	The normal 3V and 3VT views and common abnormalities <i>A view from the fetal cardiologist</i>	Dr Jowett
14:00	Vascular rings <i>What it means and postnatal outcome</i>	Dr Bartsota
14:30	Big aorta, big pulmonary artery <i>How big is too big and does it matter?</i>	Prof Carvalho
15:00	Tea break and quiz – test your skills	
SESSION 4	NORMAL AND ABNORMAL RHYTHMS	
	Chairperson: Dr Jowett	
15:30	Sinus rhythm, ectopic beats and tachycardia <i>Do ectopics matter? The 'FAST-TT' protocol for SVTs</i>	Prof Carvalho
16:00	Heart block or blocked ectopics? - diagnosis & management <i>Distinguishing physiological from pathological block</i>	Prof Carvalho
16:30	Quiz Review	All
17:15	Close	
19:30	Evening activity with Faculty (optional)	
Enjoy a relaxing Argentinian evening (<i>Separate booking required: email fetalecho@rbht.nhs.uk</i>)		

DAY 2: Friday, 24 January 2020

PROGRAMME

8:45	Coffee	
9:15	Welcome back and reflections on Day 1	Prof Carvalho
SESSION 1	CARDIAC FUNCTION	
	Chairperson: Dr Rigby	
9:30	The adult cardiologist's view of assessing function with 'echo' <i>Understanding the essence of cardiac function</i>	Dr Duncan
10:00	Fetal cardiac function - from M-mode to 'Torsion' <i>An overview of old and new modalities</i>	Dr Patey
10:30	Perinatal fetal cardiac adaptation in normal, growth restricted and diabetic term pregnancies <i>Insights from perinatal studies</i>	Dr Patey
11:00	Coffee break and quiz – test your skills	
SESSION 2	LIVE SESSION (sponsored by HITACHI) & Pre-lunch talk	
	Chairperson: Dr Rigby	
11:30	Live & interactive session: <i>Cardiac function - what to use in daily practice</i>	Prof Carvalho
12:10	Food for thought: Limitations of 3D/ 4D fetal echo	Prof Ahmed
12:30	Lunch break and quiz – test your skills	
SESSION 3	DOUBLE OUTLET RIGHT VENTRICLE	
	Chairperson: Prof Carvalho	
13: 30	Fetal diagnosis - the importance of the VSD <i>Key issues in fetal life</i>	Dr Zidere
14:00	Post-natal management and outcome <i>What you need to know to inform prenatal counselling</i>	Dr Tsai-Goodman
14:30	Tea break and quiz – test your skills	
SESSION 4	INTERACTIVE SESSION: CASE PRESENTATION	
	Chairperson: Prof Carvalho	
15:00	Delegates / Faculty 'case presentation' <i>Selected cases: 5 slides to challenge the faculty (& the audience)</i>	Faculty & delegates
15:45	Delegates / Faculty 'just images' <i>Selected images: 2 slides to puzzle the faculty (& the audience)</i>	Faculty & delegates
*****	Delegates willing to submit cases/images, please email fetalecho@rbht.nhs.uk	
16:30	Quiz Review	All
17:15	Close	

LIST OF CONTRIBUTORS

COURSE DIRECTOR

Prof Julene Carvalho	Head of Brompton Centre for Fetal Cardiology Consultant Fetal and Paediatric Cardiologist Royal Brompton Hospital & Fetal Medicine Unit St George's University Hospital Professor of Practice, Fetal Cardiology St George's University of London, London
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INVITED FACULTY

Prof Badreldeen Ahmed	Professor of Obstetrics Weill Cornell Medical School, Qatar
Dr Margarita Bartsota	Consultant Fetal and Paediatric Cardiologist Royal Brompton Hospital Chelsea & Westminster Hospital Queen Charlotte's Hospital, London
Dr Ilaria Bo	Clinical Fellow in Fetal Cardiology Royal Brompton Hospital Fetal Medicine Unit, St George's University Hospital, London
Mrs Susana de Sousa	Lead Network Nurse Royal Brompton Hospital, London
Dr Alison Duncan	Consultant Cardiologist Royal Brompton Hospital, London
Dr Victoria Jowett	Consultant Fetal and Paediatric Cardiologist Clinical Lead Prenatal Cardiology Great Ormond Street Hospital, London
Mr Bertie Leigh	Solicitor Hempsons, London
Prof Sahar Mansour	Professor of Clinical Genetics St George's University of London, London
Dr Olga Patey	Associate Specialist, Fetal Cardiology Royal Brompton Hospital Fetal Medicine Unit, St George's University Hospital, London
Dr Michael Rigby	Consultant Paediatric Cardiologist Royal Brompton Hospital, London
Dr Beverly Tsai-Goodman	Consultant Fetal and Paediatric Cardiologist Royal Brompton Hospital Fetal Medicine Unit, St George's University Hospital, London
Dr Fred Ushakov	Specialist in Fetal Medicine University College London Hospital, London
Dr Vita Zidere	Consultant Fetal and Paediatric Cardiologist Kings College Hospital and Evelina LCH, St Thomas' Hospital, London