

ISUOG Fetal Cardiology Conference

Chaired by
Prof. Simon Meagher



Hybrid course program
July 13th- 14th, 2024

DAY 1: Saturday 13th July

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Time	Mins	Item	Speaker
08:30	30	Welcome refreshments – light refreshments will be provided	
Saturday 13th July - SESSION 1: Intro/Guidelines			
09:00	10	Welcome and Introduction	Prof. Simon Meagher (Australia)
09:10	20	Optimising colour Doppler in fetal cardiac screening and diagnosis	Prof. Dario Paladini (Italy)
09:30	20	Genetic investigations of fetal cardiac defects: a practical guide	Prof. Rabih Chaoui (Germany)
09:50	30	Cardiac imaging tips: 15 Golden Rules	Prof. Simon Meagher (Australia)
10:20	40	Live scan and Q&A	Prof. Simon Meagher (Australia)
11:00	20	Panel discussion	All faculty
11:20	20	Refreshment break	
Saturday 13th July - SESSION 2: OVERRIDE ANOMALIES			
11:40	30	Tetralogy of fallot: clues to diagnosis and beyond	Prof. Simon Meagher (Australia)
12:10	20	Common arterial trunk: prenatal diagnosis and management	Prof. Dario Paladini (Italy)
12:30	20	Double outlet right ventricle: classification, diagnosis and management	Prof. Julene Carvallho (UK)
12:50	20	Case studies: Panel discussion	All faculty
13:10	20	Panel discussion – Live Q&A	All faculty
13:30	60	Lunch	
Saturday 13th July - SESSION 3: VENTRICULAR DISPROPORTION			
14:30	20	The small left ventricle /Hypoplastic left heart syndrome	Prof. Julene Carvallho (UK)
14:50	20	The small right ventricle /Hypoplastic right heart syndrome	Dr Beverly Tsai-Goodman (UK)
15:10	20	Ventricular septal defects	Prof. Rabih Chaoui (Germany)
15:30	20	Case studies: Panel discussion	All faculty
15:50	20	Panel discussion – Live Q&A	All faculty
16:10	20	Refreshment Break	
Saturday 13th July - SESSION 4: ANOMALIES OF THE AV VALVES			
16:30	20	Atrial septal defects / Atrio-ventricular septal defects	Prof. Rabih Chaoui (Germany)
16:50	20	<ul style="list-style-type: none"> Tricuspid regurgitation Ebsteins Tricuspid value dysplasia 	Prof. Simon Meagher (Australia)

17:10	20	Case examples	All faculty
17:30	20	Final panel discussion – Live Q&A	All faculty
17:50	10	Feedback and close	Prof. Simon Meagher (Australia)

DAY 2: Sunday 14th July

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Time	Mins	Item	Speaker
08:30	30	Welcome refreshments – light refreshments will be provided	
Sunday 14th July - SESSION 1: AORTIC ARCH ANOMALIES			
09:00	10	Welcome and introduction	Prof. Simon Meagher (Australia)
09:10	20	Screening and diagnosis of first trimester cardiac anomalies	Prof. Simon Meagher (Australia)
09:30	25	Coarctation of the aorta	Dr Beverly Tsai-Goodman (UK)
09:55	25	Vascular ring anomalies: RAA/ DAA/ RAD/ ARSA	Prof. Rabih Chaoui (Germany)
10:20	20	Case examples	All faculty
10:40	20	Panel discussion	All faculty
11:00	20	Refreshment break	
Sunday 14th July - SESSION 2: SPATIAL ARRANGEMENT ANOMALIES			
11:20	30	Transposition of the great arteries: what every clinician needs to know	Prof. Simon Meagher (Australia)
11:50	20	Corrected transposition of the great arteries	Prof. Julene Carvalho (UK)
12:10	20	Case examples	All faculty
12:30	30	Panel discussion – Live Q&A	All faculty
13:00	60	Lunch	
Sunday 14th July - SESSION 3: HETEROTAXY & VENOUS RETURN ANOMALIES			
14:00	20	Abnormalities of the fetal systemic venous system – Part I	Prof. Simon Meagher (Australia)
14:20	20	Anomalies of the pulmonary venous circulation – Part II	Prof. Dario Paladini (Italy)
14:40	20	Heterotaxy syndromes	Prof. Rabih Chaoui (Germany)
15:00	20	Case studies: Panel discussion	All faculty
15:20	25	Panel discussion – Live Q&A	All faculty
15:45	15	Refreshment Break	
Sunday 14th July - SESSION 4: CARDIAC VARIANTS AND RARE ANOMALIES			
16:00	20	Borderline cardiac findings in routine daily practice	Prof. Simon Meagher (Australia)
16:20	20	Cardiac anomalies in multiple pregnancy : special considerations	Prof. Asma Khalil (UK)
16:40	30	Rare cardiac defects	All faculty
17:10	40	Final panel discussion – Live Q&A	All faculty

17:50	10	Feedback and close	Prof. Simon Meagher (Australia)
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Please note that this is a provisional schedule subject to change.

Be part of this thoughtfully crafted program to delve into the latest discourse surrounding diagnosis and management of fetal cardiac anomalies. This program has been meticulously curated by Prof. Simon Meagher in collaboration with Rabih Chaoui and the Courses Subcommittee. Gain insights from 10 esteemed international experts, engaging in lively discussions on this dynamic topic throughout 2 days of immersive live online learning!

Learning Objectives:

1. Understand anatomical landmarks for semilunar valve assessment
2. Comprehend the natural history of aortic and pulmonary valve stenosis
3. Grasp technical specifications for imaging semilunar valves
4. Maximize Doppler technologies for flow assessment
5. Learn sonographic diagnosis of valve stenosis severity
6. Value 4D/STIC evaluation for semilunar valves
7. Classify conotruncal cardiac anomalies
8. Differentiate between major conotruncal anomalies
9. Apply ISUOG guidelines for screening conotruncal anomalies
10. Master sonographic diagnosis of TOF with varying stenosis
11. Classify double outlet right ventricle and common arterial trunk
12. Understand antenatal and postnatal management of conotruncal anomalies
13. Recognize spectrum of transposition of great arteries
14. Apply ISUOG guidelines for screening transposition
15. Identify sonographic clues for simple vs. complex TGA
16. Understand management options and prognostication for TGA
17. Value 4D/STIC for TGA diagnosis and prognosis
18. Address counseling needs post antenatal TGA diagnosis



Prof. Simon Meagher (Australia)

ISUOG TRUSTEE; COURSES SUB-COMMITTEE CHAIR