Fetal Growth Restriction: From AI-Powered Prediction to Precision Medicine
Course chairs: Prof. Asma Khalil and A/Prof. Conrado Coutinho
Sunday 8th February 2026

Learning Objectives:
- Understand the latest approaches to differentiate SGA from true FGR, including diagnostic innovations like AI-powered growth assessment.
- Review current and emerging strategies for prediction and prevention of FGR.
- Compare and contrast early- and late-onset FGR with emphasis on evolving prenatal monitoring, management protocols, and timing of delivery.
- Gain familiarity with advanced and novel tools for FGR evaluation and surveillance.
- Participate in cutting-edge debates and international guideline differences in the diagnosis and management of FGR and discuss the implications of universal third trimester screening.
- Address practical considerations in FGR care across different settings, including resource-limited environments and multiple pregnancies.
- Understand the long-term consequences of FGR.

GMT	Min	Lecture	Faculty
Session 1: Foundations and standards			
Chairs: Prof. Asma Khalil and A/Prof. Conrado Coutinho			
08:00	5	Welcome and course introduction	Prof. Asma Khalil (UK) A/Prof. Conrado Coutinho (Brazil)
08:05	20	AI Revolution in Growth Assessment	Prof. Ja-Young Kwon (South Korea)
08:25	20	Pathophysiology Meets Innovation: Artificial womb and fetal therapy advances	Prof. Eduard Gratacós (Spain)
08:45	20	Panel discussion, and live Q&A	All faculty
09:05	**15**	**Refreshment Break**	
Session 2: Early FGR			
Chairs: Prof. Asma Khalil and A/Prof. Conrado Coutinho			
09:20	20	Early Prediction and Prevention: First trimester screening integration	Prof. Liona Poon (Hong Kong)
09:40	20	Are there effective preventive measures besides aspirin?	Dr Francesc Figueras (Spain)
10:00	15	Management Protocols: ISUOG Perspective	Prof. Katia Bilardo (Netherlands)
10:15	15	Management Protocols: SMFM Perspective	A/Prof. Hiba Mustafa (USA)
10:30	15	Management Protocols: FIGO Perspective	Dr Ahmet Baschat (USA)
10:45	20	Genetic causes of small for gestational age: Case-based learning	Prof. Asma Khalil (UK)
11:05	30	Panel discussion, and live Q&A	All faculty
11:35	**15**	**Refreshment Break**	
Session 3: Late FGR			
Chairs: Prof. Asma Khalil and A/Prof. Conrado Coutinho			
11:50	20	Diagnostic Dilemmas: When Normal Doppler Meets Growth Restriction	Dr Jose Duncan (USA)
12:10	20	Third Trimester Surveillance Strategies: Risk Stratification and Monitoring Protocols	Prof. Asma Khalil (UK)
12:30	20	sFlt-1/PlGF vs Doppler in Late-Onset FGR"	Prof. Fabricio da Silva Costa (Australia)
12:50	20	Delivery Timing: The TRUFFLE Legacy and Beyond	Prof. Christoph Lees (UK)
13:10	30	Panel discussion, and live Q&A	All faculty
13:40	**30**	**Lunch Break**	

Please note that this is a provisional schedule subject to change.

		Session 4: Global health and future perspectives FGR Chairs: Prof. Asma Khalil and A/Prof. Conrado Coutinho	
14:10	20	Fetal Biometry Assessment - Which fetal biometry chart should we use?	Dr. Lior Drukker (UK)
14:30	20	The assessment of fetal growth velocity: what is the added value?	Prof. Tamara Stampalija (Italy)
14:50	20	Umbilical Vein Flow: The New Frontier?	Prof. Tamara Stampalija (Italy)
15:10	20	FGR in Resource-Limited Settings	A/Prof. Conrado Coutinho (Brazil)
15:30	20	Long-term Outcomes and Programming	Prof. Fatima Crispi (Spain)
15:50	20	Acute atherosis: a unique vascular lesion in the Great Obstetrical Syndromes, including preeclampsia, fetal growth restriction, fetal death, and spontaneous preterm labor	Dr Roberto Romero (USA)
16:10	20	What Will FGR Management Look Like in 2030?	**Moderators:** A/Prof. Coutinho Prof. Asma Khalil (UK) **Panelists:** Dr Ahmet Baschat (USA) A/Prof Hiba Mustafa (USA)
16:30	20	Case studies	Dr Shreyasi Sharma (India)
16:50	30	Panel discussion, and live Q&A	All faculty
17:20	5	Course summary and close	Prof. Asma Khalil (UK) A/Prof. Conrado Coutinho (Brazil)
17:25		**Close**	

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