



ISUOG WORLD CONGRESS ON ULTRASOUND IN OBSTETRICS AND GYNECOLOGY CANCUN, MEXICO 14–17 SEPTEMBER 2025

Obstetrics Pre-Congress Course:

First trimester insights: ultrasound meets genetics for optimal pregnancy outcomes

in partnership with SMFM and ISPD

Chairpersons: Daniel Rolnik (Australia) and Lorraine Dugoff (USA)

TIME (CET)	SESSION & PRESENTATION TITLES
09:00	First trimester detection of fetal abnormalities: part 1
	Introduction
	ISUOG fundamentals: the first trimester anatomy scan
	Perls to enhance first trimester anatomy imaging
	Heart
	CNS
	Discussion
10:30	BREAK
11:00	Genetic screening to complement first trimester ultrasound
	Cell-free DNA screening for aneuploidy and rare abnormalities: CVS or amniocentesis?
	Cell-free DNA detection for Mendelian disorders (NIPD) and fetal Rh genotyping: dream or reality?
	Uninformative cfDNA results: when NIPT indicates maternal disease
	Carrier screening: what do our patients want to know?
	Discussion
12:30	LUNCH
13:30	Diagnostic testing to complement first trimester ultrasound
	Genetic investigation after diagnosing a fetal heart defect
	Choosing the right genetic test after finding fetal anomalies in the first trimester
	Sequencing in the setting of anomalies: diagnostic yield for different anomalies
	Sequencing in the setting of a normal phenotype: is it useful?
	Discussion
15:00	BREAK
15:30	First trimester detection of anomalies: part 2
	Introduction
	How can first trimester ultrasound help predict adverse pregnancy: pre-eclampsia screening and prevention
	Importance of detailed phenotyping with first trimester ultrasound and beyond
	Cases
	Discussion
17:00	CLOSE

PLEASE NOTE: This program is provisional and is subject to change.