



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 – Daniel Rolnik
	ISUOG fundamentals: the first trimester anatomy scan – Alfred Abuhamad
	Perls to enhance first trimester anatomy imaging – Savino Gil Pugliese
	Heart – Julene Carvalho
	CNS – Tullio Ghi
	Discussion
10:30	BREAK
11:00	Genetic screening to complement first trimester ultrasound
	Introduction - Fionnuala Mone
	Cell-free DNA screening for aneuploidy and rare abnormalities: CVS or amniocentesis? – Mar Gil
	Cell-free DNA detection for Mendelian disorders (NIPD) and fetal Rh genotyping: dream or reality? – Fionnuala Mone
	Uninformative cfDNA results: when NIPT indicates maternal disease - Lorraine Dugoff
	Carrier screening: what do our patients want to know? - Stephanie Dukhovny
	Discussion
12:30	LUNCH
13:30	Diagnostic testing to complement first trimester ultrasound
	Introduction - Lorraine Dugoff
	Genetic investigation after diagnosing a fetal heart defect – Mary Norton
	Choosing the right genetic test after finding fetal anomalies in the first trimester – Helen Feltovich
	Sequencing in the setting of anomalies: diagnostic yield for different anomalies - Mary Norton
	Sequencing in the setting of a normal phenotype: is it useful? - Joshua Copel
	Discussion
15:00	BREAK
15:30	First trimester detection of anomalies: part 2
	Introduction - Joshua Copel
	How can first trimester ultrasound help predict adverse pregnancy: pre-eclampsia screening and prevention - Daniel Rolnik
	Importance of detailed phenotyping with first trimester ultrasound and beyond - Fionnuala Mone
	Finishing strong: the complete first trimester scan, beyond the heart & brain – Waldo Sepulveda
	Discussion
17:00	CLOSE

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