



Live streaming program

Program at a glance

Time	Title	Chairs
07:30 - 08:00	Masterclass - Cardiac ultrasound: the heart of the matter	Rabih Chaoui
08:15 - 09:35	OC - Ultrasound and cfDNA working together in the first trimester of pregnancy	Caterina Bilardo and Lay Kok Tan
09:40 - 10:20	OP - The genomics revolution	Seow Heong, George Yeo and Mary Norton
10:45 - 12:05	OC - Ultrasound and MRI of the fetal CNS	Magdalena Sanz Cortes and Daniela Prayer
12:10 - 12:50	OP - Toward better fetal CNS imaging	Ilan Timor-Tritsch and David Perry
14:15 - 15:35	OC - The challenge of screening in pregnancy: pre-eclampsia, IUGR and preterm birth	Ahmet Baschat and Anthony Odibo
16:00 - 17:30	Workshop - Effective screening for congenital heart disease	Julene Carvalho and Josh Copel

07:30 - 08:00	MC: Cardiac ultrasound: the heart of the matter	Rabih Chaoui
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08:15 - 09:35	OC - Ultrasound and cfDNA working together in the first trimester of pregnancy	Caterina Bilardo and Lay Kok Tan
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8:15 AM		Live scan: First trimester ultrasound: beyond the basics [supported by Canon]	Bilardo, Caterina	Netherlands
8:35 AM	OC02.01	The evolution of ultrasound-indicated prenatal diagnosis over the past two decades: a state-wide retrospective cohort study from 1994-2016	Hui, Lisa	Australia
8:43 AM	OC02.02	Pregnancies at increased risk at first trimester screening, is searching for trisomies enough? Experiences from the Swedish Pregnancy Register	Conner, Peter	Sweden



28th World Congress on Ultrasound in Obstetrics and Gynecology

20 – 24 October 2018, Singapore Incorporating ASUM 2018

8:51 AM	OC02.04	Non-commercial cell-free DNA testing in routine clinical aneuploidy screening: a 3-year experience	Hynek, Martin	Czechia
8:59 AM	OC02.05	The influence of body mass index on fetal fraction increase and test failure rate in prenatal cell-free DNA testing	Reddy, Maya	Australia
9:07 AM	OC02.06	Haplotype-based non-invasive prenatal testing for Duchenne Muscular Dystrophy: a pilot study in south China	Chen, Min	China
9:15 AM	OC02.07	Risk of miscarriage in women conceiving after medically assisted reproduction (MAR) with an ultrasound verified live pregnancy at gestational week 7	Ekelund, Charlotte	Denmark
9:23 AM	OC02.03	Utilization of cffDNA testing in a publicly funded contingent prenatal screening model	Okun, Nan	Canada

09:40 - 10:20		OP: The genomics revolution	Seow Heong, George Yeo, Mary Norton	
	OP01.01	The impact of introducing non-invasive prenatal screening (NIPS) into routine prenatal care on timing of first ultrasound and on diagnostic testing	Dar, Pe'er	United States
	OP01.02	NIPS for high BMI patients: evaluating the impact of deep whole genome sequencing on sensitivity and residual risk	Goldberg, James	United States
	OP01.03	A clinical comparative study between conventional fetal aneuploidy screening and contingent screening using the noninvasive prenatal testing	Bernabeu, Andrea	Spain
	OP01.04	Prevalence of chromosome abnormalities and uptake of further testing after positive combined first-trimester screening in Chinese women: a retrospective cohort study	Leung, Kwok-Ying	Hong Kong
	OP01.05	Whole exome sequencing improves the genetic diagnosis in fetuses with increased nuchal translucency	Chen, Min	China
	OP01.06	Targeted cfDNA analysis using DANSR assays for determination of fetal RHD status	Schmid, Maximilian	Austria



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	OP01.07	Association between placental volume and cell free fetal DNA fraction in maternal circulation	Patel, Krunal	United States
	OP01.08	Association between placental volume and cell-free DNA assay failure	Patel, Krunal	United States
	OP01.09	Finding the genomic bases of ultrasound-detected fetal anomalies in first trimester by whole-genome sequencing	Yang, Ying	China
	OP01.10	Factors affecting fetal fraction in a Southeast Asian population	Jia Ying, Chong	Singapore

10:45-12:05		OC: Ultrasound and MRI of the fetal CNS	Magdalena Sanz Cortes and Daniela Prayer	
10:45 AM		Live scan: I don't need MRI: tips and tricks for the greatest ultrasound pics [supported by Samsung]	Malinger, Gustavo	Israel
11:05 AM	OC06.01	Quantitative MRI analyses of regional brain growth and cerebral sulcal development in living fetuses with isolated ventriculomegaly and Down syndrome	Tarui, Tomo	United States
11:13 AM	OC06.02	Quantitative and qualitative evaluation of the visibility of brain lamination on T2-weighted and fluid-attenuated inversion recovery imaging	Diogo, Mariana	Austria
11:21 AM	OC06.03	Fetal MRI findings in a cohort of 26 cases of prenatally diagnosed CHARGE syndrome	Millischer, Anne Elodie	France
11:29 AM	OC06.04	Application of prenatal ultrasound combined with fast MRI in the diagnosis of fetal agenesis of corpus callosum	Zheng, Yu	China
11:37 AM	OC06.05	Prenatal cerebellar growth trajectory as novel biomarker for body composition of the newborn	Husen, Sofie	Netherlands
11:45 AM	OC06.06	Arachnoid cyst; prenatal diagnosis and outcome	Borkowski, Tamar	Israel
11:53 AM	OC06.07	'Supersize me' gestational diabetes mellitus results in higher fetal brain volumes due to increased cortical volumes: an age matched comparison	Prayer, Daniela	Austria



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12:10-12:50		OP: Toward better fetal CNS imaging	Ilan Timor-Tritsch and David Perry	
	OP06.01	MRI in the assessment of fetal ventriculomegaly: the value of FLAIR sequence	Diogo, Mariana	Austria
	OP06.02	New method for evaluation of short and partial agenesis of corpus callosum	Tepper, Ronnie	Israel
	OP06.03	Fluid-attenuated inversion recovery sequences in the diagnosis of lissencephaly on fetal MRI	Diogo, Mariana	Austria
	OP06.04	Comparison between two-dimensional and three-dimensional assessment of the corpus callosum: reproducibility of measurements and acquisition time	Pomar, Léo	Switzerland
	OP06.05	The usefulness of prenatal imaging features in discovering pathogenic genomic variations in fetal agenesis of corpus callosum	Yang, Ying	China
	OP06.06	Neonatal outcome and long-term sequelae in CMV infected neonates according to the timing of primary maternal infection	Ville, Yves	France
	OP06.07	Middle cerebral artery pulsatility index may predict fetal cerebral injury in pregnancy complicated by Cytomegalovirus infection	Cosmi, Erich	Italy
	OP06.08	Intelligent recognition of fetal brain planes and automatic measurements of fetal brain parameters by three-dimensional ultrasound	Zhao, Dan	China
	OP06.09	Subependymal pseudocyst in the fetal brain: prenatal diagnosis and outcomes	Picone, Olivier	France

14:15 - 15:35		OC: The challenge of screening in pregnancy: pre-eclampsia, IUGR and preterm birth	Ahmet Baschat and Anthony Odibo	
2:15 PM		ISUOG guidelines: screening for and follow up of pre-eclampsia	Sotiriadis, Alexandros	Greece
2:31 PM	OC10.01	ASPRE trial: incidence of preterm pre-eclampsia in patients fulfilling ACOG and NICE criteria according to risk by the FMF algorithm	Poon, Liona	Hong Kong
2:39 PM	OC10.02	Implementation of first trimester screening for PE and FGR in low resource settings	Lakshmy, Selvaraj Ravi	India



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Incorporating ASUM 2018

2:47 PM	OC10.03	Prediction of small for gestational age with severe adverse perinatal outcome or neonatal morbidity at term	Khalil, Asma	United Kingdom
2:55 PM	OC10.04	Utility of orbital and central retinal artery Doppler in first trimester for prediction of pre-eclampsia and also to elucidate the underlying mechanism of abnormal maternal hemodynamics in pre-eclampsia	Kashyap, Vivek	India
3:03 PM	OC10.05	How effective are we at detecting small for gestational age infants?	Stephens, Katie	United Kingdom
3:11 PM	OC10.06	Complement biomarker C5b-9 is associated with abnormal umbilical and MCA artery Doppler in hypertensive disease in pregnancy < 34 wk: the COPA study	Tolosa, Jorge	United States
3:19 PM	OC10.07	17 α -hydroxyprogesterone caproate for the prevention of recurrent preterm birth: systematic review and meta-analysis	Martinez-Portilla, Raigam	Spain
3:27 PM	OC10.08	The risk of preterm birth in vanishing twin: a multicenter prospective cohort study	Jisu, Seong	Korea (the Republic of)

16:00-17:30		WS: Effective screening for congenital heart disease	Julene Carvalho nad Joshua Copel	
4:00 PM		Live scan: ISUOG guidelines in practice [supported by Canon]	Carvalho, Julene	United Kingdom
4:20 PM		Abnormalities of the four chamber view: from anatomy to ultrasound	Copel, Joshua	United States
4:40 PM		How to diagnose TGA and other abnormalities of the outflow tracts	Chaoui, Rabih	Germany
5:00 PM		Image quiz	Carvalho, Julene	United Kingdom
5:20 PM		Discussion		