

17TH WORLD CONGRESS IN FETAL MEDICINE

Athens, Greece 24-28 June 2018

Sunday 24th June 2018: Joint session with Eurofoetus		
08:00 - 09:00	Registration	
09:10 - 09:20	Welcome	Kypros Nicolaides (UK)
09:20 - 12:20	In utero surgery for open spina bifida	
	Discussants: Jan Deprest (Belgium), Magdalena Sanz (USA), William Whitehead (USA)	
09:20 - 09:30	Overview of surgical techniques	Jan Deprest (Belgium)
09:30 - 09:40	Tethered cord in the era of fetal surgery	William Whithead (USA)
09:40 - 09:50	Brain abnormalities and changes after fetal surgery	Magdalena Sanz (USA)
09:50 - 10:00	Neurodevelopmental outcomes	Annalisa Inversetti (Belgium)
10:00 - 11:00	Debate on key obstetrical and functional outcomes	
	- Hysterotomy	Alan Flake (USA)
	- Mini-hysterotomy	Fabio Peralta (Brazil)
	- Fetoscopy: percutaneous technique	Thomas Kohl (Germany)
	- Fetoscopy: percutaneous technique	Denise Lapa (Brazil)
	- Fetoscopy: 2 port technique via laparotomy	Michael Belfort (USA)
	- Fetoscopy: 3 port technique via laparotomy	Elena Carreras-Moratonas (Spain)
11:00 - 11:30	Coffee break	
11:30 - 11:37	Outcomes of open surgery after 26 weeks	Adolfo Etchegaray (Argentina)
11:37 - 11:44	Maternal outcomes after open surgery	Martin Meuli (Switzerland)
11:44 - 12:20	Fetal effects: amnio - insufflation with carbon dioxide	
	- Is there a reason for concern ?	Philip De Koninck (Australia)
	- Experimental data	Alan Flake (USA)
	- Partial insufflation	Thomas Kohl (Germany)
	- Clinical fetal effects	Jena Miller (USA)
	- Clinical outcomes after CO2 fetoscopy as compared to open surgery	Magdalena Sanz (USA)
12:20 - 12:40	Adult brain structure and function	Michael Petrides (Canada)
12:40 - 13:00	Fetal brain structure and function	Daniela Prayer (Austria)
13:00 - 14:30	Lunch break	
14:30 - 14:50	Artificial placenta: roadmap to clinical implementation	Alan Flake (USA)
14:50 - 19:40	Congenital heart defects	
	Discussants: John Simpson (UK), Vita Zidere (UK), Rabih Chaoui (Germany)	
14:50 - 15:00	CHD: Intrauterine interventions	Wolfgang Arzt (Austria)
15:00 - 15:10	CHD: Intrauterine interventions	Marzena Debska (Poland)
15:10 - 15:17	Remodeling after fetal aortic valvuloplasty	Julien Stirnemann (France)
15:17 - 15:25	Discussion	
15:25 - 15:40	CHD: First trimester diagnosis	Rabih Chaoui (Germany)
15:40 - 15:47	CHD: Brain biometry by MRI	Irene Ribera (Spain)
15:47 - 15:54	CHD: Brain pathology by MRI	Eldad Katorza (Israel)
15:54 - 16:01	Complex CHD: pre- and postoperative brain injury scores	Viktoria Kuhn (Germany)
16:01 - 16:20	Brain development in fetuses with heart defects	Catherine Limperopoulos (USA)
16:20 - 16:30	Discussion	
16:30 - 17:15	Coffee break	
17:15 - 17:30	New data on fetal cardiac measurements	John Simpson (UK)
17:30 - 17:37	Normograms of cardiac dimensions with gestation	Laura Garcia-Otero (Spain)
17:37 - 17:44	CHD: Cardiac remodelling in CoA	Iris Soveral (Spain)
17:44 - 17:51	CHD: Cardiac remodelling in TOF	Laura Guirado (Spain)
17:51 - 17:58	CHD: Cardiac remodelling in HLHS	Roland Axt-Fliedner (Germany)
17:58 - 18:05	CHD: Survival of HLHS according to time / method of birth	Lukasz Sokolowski (Poland)
18:05 - 18:20	CHD: Timing of birth	John Simpson (UK)
18:20 - 18:35	Vascular rings: Management	Vita Zidere (UK)
18:35 - 18:42	Vascular rings: Right aortic arch	Valentina De Robertis (Italy)
18:42 - 18:57	Situs abnormalities	Marietta Charakida (UK)
18:57 - 19:04	Pathological findings in heterotaxy syndrome	Ganesan Ponmozhi (India)
19:04 - 19:11	Intra-hepatic portosystemic venous shunt	Reuven Achiron (Israel)
19:11 - 19:40	CHD: discussion of cases	
21:00 - 24:00	Welcome reception	

Monday 25th June 2018: Joint session with Eurofoetus		
09:00 - 09:20	Image analysis and image guided interventions in fetal surgery	Sebastien Ourselin (UK)
09:20 - 09:40	Keeping up with exponential growth: paddle or perish	Todd Ponsky (USA)
09:40 – 10:40 Megacystis		
	Discussants: Eduard Gratacos (Spain), Yves Ville (France)	
09:40 - 09:50	Stratification	Katia Bilardo (Netherlands)
09:50 - 09:57	Vesicoamniotic shunting at <17 w	Annegret Geipel (Germany)
09:57 - 10:04	Vesicoamniotic shunting at 12-13 w	Christoph Berg (Germany)
10:04 - 10:11	Fetal cystoscopy	Eduard Gratacos (Spain)
10:11 - 10:18	Urethroplasty	Marzena Debska (Poland)
10:18 - 10:25	Management: Grandeur and decadence	Yves Ville (France)
10:25 - 10:40	Postnatal management and prognosis	Divyesh Desai (UK)
10:40 – 12:44 Lung abnormalities		
	Discussants: Jan Deprest (Belgium), Alexandra Benachi (France)	
10:40 - 10:52	Lung maturity: Automated measurement	Eduard Gratacos (Spain)
10:52 - 10:59	Chylothorax: Pleurodesis using OK-432	Lone Nikoline Nørgaard (Denmark)
11:00 - 11:30 Coffee break		
11:30 - 11:37	CPAM: Natural history	Alexandra Benachi (France)
11:37 - 11:47	CDH: Smart tracheal occlusion	Nicolas Sananes (France)
11:47 - 11:54	CDH: Assessment of cardiac function	Thomas Kohl (Germany)
11:54 - 12:01	CDH: Prediction of survival by intrapulmonary Doppler	Rogelio Cruz- Martínez (Mexico)
12:01 - 12:08	CDH: Prediction of survival by mediastinal shift angle	Anita Romiti (Italy)
12:08 - 12:15	CDH: Prediction of gastroesophageal reflux	Anne Gael Cordier (France)
12:15 - 12:22	CDH: hernia with a sac has a better prognosis	Hanane Bouchghoul (France)
12:22 - 12:29	CDH: prediction survival in right sided hernia	David Basurto (Belgium)
12:29 - 12:44	CDH: Postnatal surgery and prognosis	Paolo De Coppi (UK)
12:44 - 13:00 Reproductive ultrasound in endangered species		
		Thomas Hildebrandt (Germany)
13:00 - 14:30 Lunch break		
14:30 - 15:30 Bowel abnormalities		
	Discussants: Paolo De Coppi (UK), Eduard Gratacos (Spain)	
14:30 - 14:37	Bowel echogenicity and dilation	Maurizio Pacilli (Australia)
14:37 - 14:44	Gastroschisis: Prenatal prediction of outcome	Walkyria Andrade (UK)
14:44 - 14:51	Gastroschisis: Amnioinfusion	Alexandra Benachi (France)
14:51 - 14:58	Gastroschisis: Fetoscopic repair	Sundeep Keswani (USA)
14:58 - 15:05	Esophageal atresia: Diagnostic accuracy	Asma Khalil (UK)
15:05 - 15:20	Gastroschisis: Postnatal management and prognosis	Paolo De Coppi (UK)
15:20 - 15:30	Discussion	
15:30 - 18:50 Complications in twins		
	Discussants: Yves Ville (France), Liesbeth Lewi (Belgium)	
15:30 - 15:37	Embryo reduction: Outcome of DC twins to singletons vs. DC twins	Pavel Calda (Czechia)
15:37 - 15:44	MC twins / triplets: Intrafetal laser at 11-14 w	Petya Cheveva (Bulgaria)
15:44 - 15:50	Discussion	
15:50 - 16:05	MC twins: Discordance in anomalies	Liesbeth Lewi (Belgium)
16:05 - 16:12	MCDA twins: ROM after cord occlusion	Talita Micheletti (Spain)
16:12 - 16:19	MCDA twins: Outcome of IVF vs. spontaneous conceptions	Isabel Couck (Belgium)
16:19 - 16:26	MCDA twins: Outcome of IVF vs. spontaneous conceptions	Maria De la Calle (Spain)
16:26 - 16:30	Discussion	
16:30 - 17:15 Coffee break		
17:15 - 17:22	MCDA twins: Discordance in size and serum PAPP-A and β -hCG	Frederikke Bang Løppke (Denmark)
17:22 - 17:29	MCDA twins: Discordance in MCA-PSV and neonatal Hb	Manuela Tavares de Sousa (Germany)
17:29 - 17:45	TTTS fetoscopic laser: Long-term neurologic and cardiac output	Kurt Hecher (Germany)
17:45 - 17:52	TTTS fetoscopic laser: Outcome for procedures <17 and \geq 17 w	Mar Bannasar (Spain)
17:52 - 17:59	TTTS fetoscopic laser: Medium-term maternal effects	Simen Vergote (Belgium)
17:59 - 18:06	sFGR: Expectant management	Christian Bamberg (Germany)
18:06 - 18:13	sFGR: Evolution and management	Yoav Yinon (Israel)
18:13 - 18:20	sFGR: endoscopic laser	Eftichia Kontopoulos (USA)
18:20 - 18:50	MC twins: Debate on the management of stage 1 TTTS, sFGR and TAPS	Asma Khalil, Yves Ville, Kurt Hecher Eftichia Kontopoulos
18:50 - 19:20 Virtual autopsy		
	Discussant: Jacques Jani (Belgium)	
18:50 - 18:57	MRI vs US	Xin Kang (Belgium)
18:57 - 19:12	Overview	Jacques Jani (Belgium)
19:12 - 19:20	Fetal heart: X-ray phase contrast synchrotron imaging	Claudio Lombardi (Italy)

Tuesday 26th June 2018

Tuesday 26th June 2018		
09:00 - 10:30	Fetal ultrasound meets Genetics	
	Discussants: Tessa Homfray (UK), Rabih Chaoui (Germany)	
09:00 - 09:15	Overview on techniques of analyzing samples	Tessa Homfray (UK)
09:15 - 09:22	Routine chromosomal microarray analysis	Constantinos Pangalos (Greece)
09:22 - 09:29	NGS studies in structurally abnormal fetuses	Antoni Borrell (Spain)
09:29 - 10:30	Presentation of cases	
	Arthrogryposis	Ivelina Dimitrova (UK)
	Brain abnormalities	Rabih Chaoui (Germany)
	Skeletal abnormalities	Oliver Kagan (Germany)
10:30 - 13:00	Global health	
	Discussants: Gerry Visser (Netherlands), Yves Ville (France)	
10:30 - 10:50	Priorities for low / middle income countries	Gerry Visser (Netherlands)
10:50 - 11:00	Use of portable low-cost diagnostic tools to reduce maternal mortality	Patricia Crispin-Milart (Spain)
11:00 - 11:30	Coffee break	
11:30 - 11:45	Non-communicable diseases	Moshe Hod (Israel)
11:45 - 12:00	Global problem of Rh disease	Gian Carlo Di Renzo (Italy)
12:00 - 12:15	Gates Foundation Global health programme	Sindura Ganapathi (USA)
12:15 - 12:30	Influx of refugees and immigrants: implications for healthcare in Greece	Andreas Xanthos (Greece)
12:30 - 12:40	Creation of national network for fetal medicine	Mario Palermo (Argentina)
12:40 - 12:50	The FMF Rwanda project	Olivia Barigye (Rwanda)
12:50 - 13:00	Discussion	
13:00 - 14:30	Lunch break	
14:30 - 15:45	First trimester scan	
	Discussants: Katia Bilardo (Netherlands), Oliver Kagan (Germany)	
14:30 - 14:40	Trends in prenatal diagnosis of fetal defects	Athena Souka (Greece)
14:40 - 14:47	11-13 w scan: Approaches to diagnosis of facial cleft	Ming Ming Zheng (China)
14:47 - 14:54	11-13 w scan: Posterior fossa in fetuses with cephalocele	George Rembouskos (Italy)
14:54 - 15:01	11-13 w scan: Outcome of abdominal cysts	Valentina De Robertis (Italy)
15:01 - 15:08	DV agenesis: Associated abnormalities	Alexandra Matias (Portugal)
15:08 - 15:15	DV agenesis: Outcome	Hernan Munoz (Chile)
15:15 - 15:22	11-13 w scan: Consequences of increased ductus venosus PI	Prathima Radhakrishnan (India)
15:22 - 15:29	11-13 w scan: Prediction of cardiac defects from ductus venosus flow	Oliver Kagan (Germany)
15:29 - 15:36	Discussion	
15:36 - 15:46	The future of screening for spina bifida	Howard Cuckle (Israel)
15:45 - 16:00	Antenatal results and choices	Jane Fisher (UK)
16:00 - 16:15	Psychotherapy services in fetal medicine	Mando Meleagrou (UK)
16:15 - 17:00	Coffee break	
17:00 - 19:00	Labor and birth	
	Discussants: Roberto Romero (USA), Yves Ville (France)	
17:00 - 17:07	PTB: Amniotic fluid and maternal serum metabolic signatures	Apostolos Athanasiadis (Greece)
17:07 - 17:14	PTB in short cervix: Amniotic fluid biomarkers	Ray Bahado-Singh (USA)
17:14 - 17:21	PTB: Prediction by the uterocervical angle	Alba Farras Lobet (Spain)
17:21 - 17:28	Short cervix: Management protocol	George Daskalakis (Greece)
17:28 - 17:38	RCT cervical pessary vs. vaginal progesterone to prevent PTB in twins	Ben Mol (Australia)
17:38 - 17:48	RCT cervical pessary to prevent PTB after TPL in twins with short cervix	Elena Carreras-Moratonas (Spain)
17:48 - 17:55	Discussion	
17:55 - 18:10	Transperineal ultrasound in labor and beyond	Aly Youssef (Italy)
18:10 - 18:17	Sonographic prediction of successful induction of labor	Liona Poon (Hong Kong)
18:17 - 18:24	New sonographic indices for prediction of successful induction of labor	Rasha Kamel (Egypt)
18:24 - 18:36	Re-engineering the interpretation of fetal monitoring	Mark Evans (USA)
18:36 - 18:43	Automated system for assessment of maternal hemorrhage	Andrew Rubenstein (USA)
18:43 - 19:05	Important developments in labor and delivery	Roberto Romero (USA)
21:00 - 02:00	Dinner party	

Wednesday 27th June 2018		
09:45 - 11:00	Fetal brain abnormalities	
	Discussants: Magdalena Sanz (USA), Ritsuko Pooh (Japan)	
09:45 - 09:55	Cortical development in fetuses with ventriculomegaly	Nadine Hahner (Spain)
09:55 - 10:02	Feasibility of telemedicine in 3D -neurosonography	Nerea Maiz (Spain)
10:02 - 10:09	Measurement of Sylvian fissure angles at 18-30 w	Liona Poon (Hong Kong)
10:09 - 10:16	Intelligent diagnosis assistant for fetal brain and spine anomalies	Ferdinand Dhombres (France)
10:16 - 11:00	Neurosonography: Presentation of cases	Ritsuko Pooh (Japan)
11:00 - 11:30	Coffee break	
11:30 - 11:45	Amniotic fluid embolism	Michael Belfort (USA)
11:45 - 12:05	In vivo MRI biomarkers of impaired brain development	Catherine Limperopoulos (USA)
12:05 - 15:40	Fetal growth restriction	
	Discussants: Gerry Visser (Netherlands), Jon Hyett (Australia)	
12:05 - 12:12	EFW: Local vs. personalized formulas	Shay Porat (Israel)
12:12 - 12:19	EFW: Selection of the best formula	Aymen Hammami (UK)
12:19 - 12:26	FMF EFW and BW chart	Kypros Nicolaides (UK)
12:26 - 12:30	Discussion	
12:30 - 12:45	Placental origin of adverse pregnancy outcome	Carl Weiner (USA)
13:45 - 13:00	FGR: Cardiovascular changes from fetal to adult life	Fatima Crispi (Spain)
13:00 - 14:30	Lunch break	
14:30 - 14:37	FGR: Fetal and neonatal brain MRI	Clare Whitehead (Canada)
14:37 - 14:44	FGR: Neonatal neurobehavioral outcomes	Claudia Rueda Ricarte (Spain)
14:44 - 14:51	FGR: Improved outcome by maternal docosahexaenoic acid and lactoferrin	Miriam Illa (Spain)
14:51 - 14:58	FGR: Metabolic profiling and targeted lipidomics	Jezi Miranda (Spain)
14:58 - 15:05	FGR: Prognostic value of the aortic isthmus Doppler assessment	Jesus Rodriguez Calvo (Spain)
15:05 - 15:15	FGR: Findings of placental elastography	Emmanuel Simon (France)
15:15 - 15:25	FGR: Fetoplacental Doppler and placental histology	Lina Youssef (Spain)
15:25 - 15:35	FGR: Competing risk model for individualized prognosis	Ioannis Papastefanou (Greece)
15:35 - 15:40	Discussion	
15:40 - 19:20	Preeclampsia	
	Discussants: Kypros Nicolaides (UK), Jon Hyett (Australia)	
15:40 - 15:52	Stratification of chronic hypertension	Nikos Kametas (UK)
15:52 - 16:02	Home monitoring of hypertension in pregnancy	Asma Khalil (UK)
16:02 - 16:09	Maternal hemodynamics and risk for PE	Hua Zen Ling (UK)
16:09 - 16:16	Maternal right ventricular function in pregnancy	Malena Goette (Germany)
16:16 - 16:30	PE classification: relevance of the cardio-placental axis	Basky Thilaganathan (UK)
16:30 - 16:40	Discussion	
16:40 - 17:20	Coffee break	
17:20 - 17:27	PE: Screening by total cfDNA	Ana Werlang (Canada)
17:27 - 17:34	PE: Screening at 20 w	Magdalena Litwinska (UK)
17:34 - 17:43	PE: Screening at 36 w	Anca Ciobanu (UK)
17:44 - 17:51	PE: Manufacturer specific differences in sFLT-1 / PLGF ratio	Daljot Sahota (Hong Kong)
17:51 - 17:55	Discussion	
17:55 - 18:05	PE screening at 11-13 w: SPREE and beyond	Min Yi Tan (UK)
18:05 - 18:12	PE screening at 11-13 w: Uterine artery pathway	Dragos Nemescu (Romania)
18:12 - 18:19	PE screening at 11-13 w: External validation of FMF algorithm	Mauro Parra-Cordero (Chile)
18:19 - 18:26	PE screening at 11-13 w: External validation of FMF algorithm	Rogelio Cruz-Martinez (Mexico)
18:26 - 18:32	PE screening at 11-13 w: External validation of FMF algorithm	Liona Poon (Hong Kong)
18:32 - 18:40	Discussion	
18:40 - 18:55	ASPRE trial: Effect of aspirin on length of stay in NICU	David Wright (UK)
18:55 - 19:10	PE screening at 11-13 w: Cost effectiveness	Jon Hyett (Australia)
19:10 - 19:20	ASPRE trial: Implications	Kypros Nicolaides (UK)

Thursday 28th June 2018

09:00 - 09:35	Adverse perinatal outcome	
	Discussants: Jon Hyett (Australia), Gerry Visser (Netherlands)	
09:00 - 09:06	Adverse perinatal outcome: Computerized CTG at 37-42 w	Gerard Albaiges (Spain)
09:06 - 09:12	Adverse perinatal outcome: Umbilical artery PI at 36 w	Alexandros Moraitis (UK)
09:12 - 09:18	Adverse perinatal outcome: Cerebro-placental ratio at 40 w	Elena Nunez (Spain)
09:18 - 09:24	Cerebro-placental ratio within 2 weeks of stillbirth	Mar Gil (Spain)
09:24 - 09:30	Stillbirth: prediction and prevention	Argyro Syngelaki (UK)
09:30 - 09:35	Discussion	
09:35 - 11:00	Maternal fetal disease	
	Discussants: Yves Ville (France), Gerry Visser (Netherlands)	
09:35 - 09:45	CMV infection: Role of HIG therapy	Oliver Kagan (Germany)
09:45 - 09:51	CMV infection: MRI in prediction of adverse outcome	Tan Elkan Miller (Israel)
09:51 - 09:57	CMV infection: Cordocentesis in prediction of adverse outcome	Amet Hawkins (Spain)
09:57 - 10:00	Discussion	
10:00 - 10:06	GDM: First trimester screening by serum biomarkers	Ron Maymon (Israel)
10:06 - 10:12	GDM: Findings in women with chronic hypertension	Dan Biris (UK)
10:12 - 10:18	GDM: Risk of developing future diabetes mellitus	Alexandra Berezowsky (Israel)
10:18 - 10:33	GDM: Controversies in management	Yariv Yogev (Israel)
10:33 - 10:39	Obesity: Effect of bariatric surgery on metabolic profile	Kiana West (UK)
10:39 - 10:45	Discussion	
10:45 - 11:00	Cases of maternal-fetal medicine	Surabhi Nanda (UK)
11:00 - 11:30	Coffee break	
11:30 - 13:00	cfDNA in maternal blood	
	Discussants: Kypros Nicolaides (UK), Francesca Grati (Italy)	
11:30 - 11:36	Risk of miscarriage after CVS	Francisca Molina (Spain)
11:36 - 11:42	cfDNA: Epidemic of abnormalities missed	Mark Evans (USA)
11:42 - 11:48	cfDNA: IVF conceptions in singletons	Daniel Rolnik (Australia)
11:48 - 11:54	cfDNA: IVF conceptions in singletons and twins	Slavyana Galeva (UK)
11:54 - 12:00	cfDNA: Twin pregnancies	Asma Khalil (UK)
12:00 - 12:06	cfDNA: Universal screening	Aurore Lisonde (Belgium)
12:06 - 12:12	cfDNA: Contingent screening	Mar Gil (UK)
12:12 - 12:20	Discussion	
12:20 - 12:30	cfDNA: Microdeletions	Francesca Grati (Italy)
12:30 - 12:40	cfDNA: Single gene disorders	Philippos Patsalis (Cyprus)
12:40 - 12:50	A new comprehensive paradigm for prenatal diagnosis	Antoni Borrell (Spain)
12:50 - 13:00	IVF with mosaic embryos: pregnancy management	Francesca Grati (Italy)
13:00 - 14:30	Lessons from the Congress	Kypros Nicolaides (UK)
13:00 - 14:30	Lunch break	
15:00 - 23:30	Trip to Aegina island	