

# 20<sup>th</sup> World Congress in Fetal Medicine



### Valencia 2023



## GE HealthCare

# Join our morning Meet the Expert sessions incl. Live Scan

### with Prof. Rabih Chaoui and Prof. Alfred Abuhamad



Location: main lecture hall

Tuesday, **June 27<sup>th</sup>** | 08:00 – 09:00h

### Latest technology in fetal imaging: The Voluson<sup>™</sup> Expert 22 – Part I

Wednesday, **June 28<sup>th</sup>** | 08:00 – 09:00h

### Latest technology in fetal imaging: The Voluson<sup>™</sup> Expert 22 – Part II

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### Sunday 25th June 2023: Joint session with Eurofoetus

- 09:05 10:45 Congenital diaphragmatic hernia
- 10:45 11:00 Special lecture: ChatGPT vs humans
- 11:30 13:30 Fetal spina bifida repair
- 14:30 18:30 Innovation in fetal therapy and surgery
- 18:30 18:45 Special lecture: Trampling on women's rights and pregnancy care
- 18:45 19:00 Special lecture: Artificial intelligence and fetal medicine

### 20:00 - 24:00 Welcome reception

### Monday 26th June 2023: Joint session with Eurofoetus

- 09:00 12:05 Monochorionic twin complications: knows and don't knows
- 12:05 16:00 Alloimmune diseases in pregnancy
- 16:00 16:10 Special lecture: Rising cesarean section rates
- 16:10 16:20 Special lecture: Placenta accreta spectrum
- 17:00 19:00 Fetal echocardiography

### Tuesday 27<sup>th</sup> June 2023

09:00 - 12:30 Fetal growth restriction 12:30 - 16:00 Preterm birth 16:30 - 19:00 Fetal ultrasound meets genetics

### 21:00 - 02:00 Dinner party

### Wednesday 28th June 2023

- 09:00 10:00 Fetal ultrasound meets genetics
- 10:00 10:15 Special lecture: Contribution of genetics to cerebral palsy
- 10:15 10:30 Special lecture: Complication rate after termination for fetal defects
- 10:30 10:45 Special lecture: Balloon catheters vs prostaglandins for labour induction
- 10:45 11:00 Special lecture: Genomics and pregnancy complications
- 11:30 13:00 Topics in maternal fetal medicine
- 14:30 19:30 Preeclampsia

### Thursday 29th June 2023

- 09:00 10:30 Maternal fetal infection
- 10:30 10:45 Special lecture: Fetal diffusion tensor imaging
- 10:45 13:30 Fetal neurosonography

16:00 - 23:00 Trip to Xativa

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An automated fetal biometry measurement using ViewAssist<sup>™</sup> with BiometryAssist<sup>™</sup>



An automated fetal heart measurement using ViewAssist™ with HeartAssist™

### Samsung Live Scan Morning Session

### 26 June (Mon.) 08:00 - 08:45 Lecture Hall

2<sup>nd</sup> Trimester Fetal Growth Assessment – Live scan using Samsung's AI solution

### Prof. Maria del Mar Gil (Spain)

Hospital Universitario de Torrejón

\* Morning Caterings will be provided on first-come, first-served basis.

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### Sunday 25<sup>th</sup> June 2023: Joint session with Eurofoetus

08:00 - 09:00	Registration	
09:00 - 09:05	Welcome	Kypros Nicolaides (UK)
09:05 - 10:45	<mark>Congenital diaphragmatic hernia</mark> Discussants: Alexandra Benachi (France), Kypros Nicolaides (UK)	
09:05 - 09:15 09:15 - 09:22 09:22 - 09:29 09:29 - 09:36 09:36 - 09:40 09:40 - 10:05 10:05 -10:30	Fetal treatment - overview Incidence and outcome of syndromic CDH Outcome in eventration Duration of occlusion matters in left and right sided CDH Discussion Debate: FETO for non-isolated CDH Debate: Difference of FETO in USA and Europe	Jan Deprest (Belgium) Carmen Mesas Burgos (Sweden) Francesca Russo (Belgium) Kanokwaroon Watananirun (Thailand) Alexandra Benachi (France) Sieglinde Muellers (Ireland) Anthony Johnson (USA)
10:30 - 10:45	Fetal organoids - prediction model for pulmonary hypoplasia	Jan Deprest (Belgium) Paolo De Coppi (UK)
10:45 - 11:00	Special lecture: ChatGPT vs humans	Helena Williams (UK)
11:00 - 11:30	Coffee break	
11:30 - 13:30	<mark>Fetal spina bifida repair</mark> Discussants: Greg Ryan (Canada), Jan Deprest (Belgium)	
11:30 - 11:45 11:45 - 11:52 11:52 - 11:59	Outcome depends on gestation and incision length at surgery Evolution in technique and gestational age at birth Effect on membranes of percutaneous vs exposed uterus Discussion	Fabio Peralta (Brazil) Marta Santorum (UK) Awais Mirza Ahmad (Pakistan)
11:59 - 12:10 12:10 - 12:17 12:17 - 12:24 12:24 - 12:30	Discussion Simple prenatal predictors for postnatal shunting: ultrasound Simple prenatal predictors for postnatal shunting: MRI Discussion	Yada Kunpalin (Canada) Michael Aertsen (Belgium)
12:30 - 12:37 12:37 - 12:47 12:47 - 12:57 12:57 - 13:07	Inclusion criteria Long term neurodevelopmental outcome Long term urological outcome Use of biocellulose repair technique and need to untether the cord	Nicole Ochsenbein (Switzerland) Magdalena Sanz-Cortes (USA) Nerea Maiz (Spain) Denise Lapa (Brazil)

### 13:17 - 13:30 Discussion 13:30 - 14:30 Lunch break

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13:07 - 13:17 Long term maternal outcome

#### 14:30 - 18:30 Innovation in fetal therapy and surgery Discussants: Jan Deprest (Belgium), Alan Flake (USA)

14:30 - 14:45	Spina bifida repair: use of robotic surgery	Tim Van Mieghem (Canada) Jan Deprest (Belgium)
14:45 - 14:55	Spina bifida repair: use of stem cell patches	Ramesh Papanna (USA)
14:55 - 15:05	Discussion	
15:05 - 15:15	Fetal lung volume in abdominal wall defects	Gilmar Osmundo Junior (Brazil)
15:15 - 15:25	Gastroschisis: postnatal outcome	Sundeep Keswani (USA)
15:25 - 15:35	Gastroschisis: prenatal assessment	Alexandra Benachi (France)
15:35 - 15:45	Gastroschisis: prenatal repair – animal studies	Luc Joyeux (USA)
15:45 - 15:55	Gastroschisis: prenatal repair – phase 1 study	Michael Belfort (USA)
15:55 - 16:05	Discussion	
16:05 - 16:15	Vein of Galen Malformation: natural history and imaging	Magdalena Sanz-Cortes (USA
16:15 - 16:30	Vein of Galen Malformation: fetal therapy	Yves Ville (France) Rogelio Cruz-Martinez (Mexico)

#### 16:30 - 17:00 Coffee break

17:00 - 17:10	Repeated amnioinfusions in early pregnancy renal anhydramnios
17:10 - 17:20	First trimester shunting for fetal megacystis
17:20 - 17:30	Flexible fetal cystoscopy for lower urinary tract obstruction

- 17:30 17:45 In utero enzyme, gene and cell therapy today
- 17:45 17:55 Fetal enzyme replacement therapy for lysosomal storage disorders
- 17:55 18:05 Discussion
- 18:05 18:20 Artificial placenta: time line to clinical implementation
- 18:20 18:30 Artificial placenta: experience from Spain

18:30 - 18:45 Special lecture: Trampling on women's rights and pregnancy care 18:45 - 19:00 Special lecture: Artificial intelligence and fetal medicine

Ahmet Baschat (USA) Eva Christin Weber (Germany) Rogelio Cruz-Martinez (Mexico) Mary Norton (USA) Akos Herzeg (USA)

Alan Flake (USA) Elisenda Eixarch (Spain)

Simen Vergote (Belgium)

Mark Evans (USA) Aris Papageorghiou (UK)

20:00 - 24:00 Welcome reception

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### Samsung Live Scan Morning Session

### 26 June (Mon.) 08:00 - 08:45 Lecture Hall

### 2<sup>nd</sup> Trimester Fetal Growth Assessment – Live scan using Samsung's AI solution

### Prof. Maria del Mar Gil (Spain)

Hospital Universitario de Torrejón

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### Monday 26<sup>th</sup> June 2023: Joint session with Eurofoetus

#### 09:00 - 12:05 Monochorionic twin complications: knows and don't knows Discussants: Yves Ville (France), Liesbeth Lewi (Belgium)

09:00 - 09:12 09:12 - 09:24	Monochorionic placenta Twin-to-twin transfusion syndrome	Liesbeth Lewi (Belgium) Kurt Hecher (Germany)
09:24 - 09:31 09:31 - 09:38	TTTS >26w: fetoscopic laser surgery vs. elective delivery Solomon Laser - pros and cons	Rogelio Cruz-Martinez (Mexico) Ahmet Baschat (USA)
09:38 - 09:45	TTTS: RCT - prevention of preterm birth by the Arabin pessary	Carlota Rodo (Spain)
09:45 - 09:52	TTTS: fetoscopic laser surgery in triplet pregnancies	Elina Vlachodimitropoulou (Canada)
09:52 - 10:05	Discussion	
10:05 - 10:20	Selective fetal growth restriction	Tim Van Mieghem (Canada)
10:20 - 10:27	Severe sFGR: multicenter cohort study (the ALIGN-study)	Anne Noll (Netherlands)
10:27 - 10:42	Other monochorionic twin problems	Yves Ville (France)
10:42 - 10:49	Selective fetal reduction by fetoscopy-guided bipolar cord coagulation	Mingming Zheng (China)
10:49 - 11:00	Discussion	

### 11:00 - 11:30 Coffee break

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11:30 - 11:42	Neonatal and infant outcomes	Enrico Lopriore (Netherlands)
11:42 - 11:49	TTTS +/- sFGR: postnatal follow up	Francisca Molina (Spain)
11:49 - 11:56	TTTS +/- sFGR: prediction of perinatal and neurological outcome	Fabio Peralta (Brazil)
11:56 - 12:05	Discussion	

#### 12:05 - 16:00 Alloimmune diseases in pregnancy

Discussants: Enrico Lopriore (Netherlands), Roland Devlieger (Belgium), Kypros Nicolaides (UK)

#### Fetal and neonatal alloimmune thrombocytopenia

12:05 - 12:20	Introduction	Joanne Verweij (Netherlands)
12:20 - 12:35	Antenatal management	Greg Ryan (Canada)
12:35 - 12:50	Neonatal management and long-term outcome	Thijs de Vos (Netherlands)
12:50 - 13:00	Discussion	

#### 13:00 - 14:30 Lunch break

#### Rhesus disease – Hemolytic disease of the fetus and newborn

14:30 - 14:45	The ongoing burden of Rh disease: a global perspective	Gerry Visser (Netherlands
14:45 - 15:00	Antenatal management	Dick Oepkes (Netherland
15:00 - 15:15	Neonatal management and long-term outcome	Enrico Lopriore (Netherla
15:15 - 15:30	Dionysus study: results from international registry in 2300 cases	Derek de Winter (Netherla
15:30 - 15:45	Treatment with anti-neonatal Fc receptor monoclonal antibody	Ken Moise (USA)
15:45 - 16:00	Discussion	
16.00 16.10	Creasial la structure Dising a secondary section rates	Course Viceous (Nothersulescole

16:00 - 16:10 Special lecture: Rising cesarean section rates 16:10 - 16:20 Special lecture: Placenta accreta spectrum 16:20 - 16:30 Discussion

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Gerry Visser (Netherlands) Alfred Abuhamad (USA)

#### 16:30 - 17:00 Coffee break

#### 17:00 - 19:00 Fetal echocardiography

#### Discussants: Rabih Chaoui (Germany), Alfred Abuhamad (USA)

- Approach to diagnosis: the four chamber view Rabih Chaoui (Germany) 17:00 - 17:15 17:15 - 17:30 Approach to diagnosis: the outflow tracts Alfred Abuhamad (USA) 17:30 - 17:45 Approach to diagnosis: the aortic arch Alberto Galindo (Spain) 17:45 - 18:00 Fetal cardiac imaging in the first trimester Alfred Abuhamad (USA) Artificial intelligence assists fetal cardiac screening examination 18:00 - 18:10 18:10 - 18:20 HLHS: prenatal prediction of postnatal outcome ARSA: association with chromosomal aberrations 18:20 - 18:27 18:27 - 18:34 Fetal CHD: association with adverse pregnancy outcome 18:34 - 18:41 New insights into prenatal pulmonary stenosis 18:41 - 18:48 Dextro-transposition of the great arteries with restrictive foramen ovale Ingo Gottschalk (Germany) 18:48 - 18:55 Pulmonary arterial hypertension and pregnancy 18:55 - 19:02 Maternal cardiovascular disease and pregnancy
  - Edwin Quarello (France) Roland Axt-Fliedner (Germany) Valentina De Robertis (Italv) Gitte Hedermann (Denmark) Laura Nogue (Spain) Constantin von Kaisenberg (Germany) Margherita Scarrone (Italy)



## GE HealthCare

# Join our morning Meet the Expert sessions incl. Live Scan

### with Prof. Rabih Chaoui and Prof. Alfred Abuhamad



Location: main lecture hall

Tuesday, **June 27<sup>th</sup>** | 08:00 – 09:00h

### Latest technology in fetal imaging: The Voluson<sup>™</sup> Expert 22 – Part I

Wednesday, **June 28<sup>th</sup>** | 08:00 – 09:00h

### Latest technology in fetal imaging: The Voluson<sup>™</sup> Expert 22 – Part II

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### Tuesday 27<sup>th</sup> June 2023

#### 09:00 - 12:30 Fetal growth restriction

Discussants: Francesc Figueras (Spain), Gerry Visser (Netherlands), Basky Thilaganathan (UK)

09:00 - 09:12 09:12 - 09:24 09:24 - 09:36 09:36 - 09:48 09:58 - 10:08 10:08 - 10:18 10:18 - 10:25 10:25 - 10:32 10:32 - 10:39 10:39 - 10:51	Genetic issues Early prediction and prevention of SGA Early FGR: management Late FGR: management Late FGR: conservative management Early FGR: use of angiogenic markers for management Term FGR: angiogenic factors versus Doppler (GRAFD trial) Discussion Preterm SGA: combined screening by the FMF model in Australia Term SGA: validation of the FMF model Prevention of SGA by Mediterranean diet or stress reduction	Antoni Borrell (Spain) Ioannis Papastefanou (Greece) Christoph Lees (UK) Francesc Figueras (Spain) Raffaele Napolitano (UK) Alberto Galindo (Spain) Manel Mendoza (Spain) Fabricio Costa (Australia) Themistoklis Dagklis (Greece) Francesca Crovetto (Spain)
10:39 - 10:51 10:51 - 11:00	Prevention of SGA by Mediterranean diet or stress reduction Discussion	Francesca Crovetto (Spain)

#### 11:00 - 11:30 Coffee break

11:30 - 11:37	The role of PLGF in the management of SGA fetuses	Athena Souka (Greece)
11:37 - 11:44	Umbilical vein flow and fetal growth	Ruben Ramirez Zegarra (Italy)
11:44 - 11:51	Fetal growth impairment in spontaneous preterm birth	Claudia Rueda Ricarte (Spain)
11:51 - 12:00	Abnormal fetal growth and neurodevelopmental disorders	Mads Langager Larsen (Denmark)
12:00 - 12:10	Volumetric fetal brain MRI and neurodevelopmental outcome	Eldad Katorza (Israel)
12:10 - 12:20	Growth trajectories in twins	Steffen Kristensen (Denmark)
12:20 - 12:30	Discussion	

#### 12:30 - 16:00 Preterm birth

Discussants: Vincenzo Berghella (USA), Kypros Nicolaides (UK)

12:30 - 12:50	Prediction and prevention of PTB	Vincenzo Berghella (USA)
12:50 - 13:00	Maternal cell free RNA in prediction of PTB	Carl Weiner (USA)

### 13:00 - 14:30 Lunch break

14:30 - 14:37	3D volume ultrasound of uterine scar in prediction of PTB	Maria Ivan (UK)
14:37 - 14:44	Stemness biomarkers in pregnant women with a short cervix	George Daskalakis (Greece)
14:44 - 14:51	Effect of intra-amniotic infection on the fetal corpus callosum and cortex	Clara Murillo Bravo (Spain)
14:51 - 14:58	Nanopore sequencing in diagnosis of intra-amniotic infection	Piya Chaemsaithong (Thailand)
14:58 - 15:10	Discussion	
15:10 - 15:20	RCT: vaginal chlorhexidine before 16 weeks to prevent PTB	José Morales-Roselló (Spain)
15:20 - 15:30	RCT: cervical cerclage vs cervical pessary in cervical insufficiency	Elena Carreras (Spain)
15:30 - 15:40	RCT: cervical pessary versus vaginal progesterone in short cervix	Charlotte van Dijk (Netherlands)
15:40 - 16:00	Discussion	

#### 16:00 - 16:30 Coffee break

#### 16:30 - 19:00 Fetal ultrasound meets genetics

#### Discussants: Rabih Chaoui (Germany), Tessa Homfray (UK), Jon Hyett (Australia)

16:30 - 16:45 16:45 - 17:00 17:00 - 17:15 17:15 - 17:25	Use of exome sequencing for routine prenatal diagnosis Diagnostic yield and clinical utility of genomic sequencing in fetal defects Carrier screening in pregnancy - overview Carrier screening in Australia	Mary Norton (USA) Mark Kilby (UK) Peter Benn (USA) Jon Hyett (Australia)
17:25 - 17:35	Discussion	son nyett (Australia)
17:35 - 17:45	The value of the 11-13 weeks scan in the era of cfDNA testing	Katia Bilardo (Netherlands)
17:45 - 17:55	Effectiveness of the first trimester anomaly scan	Jehan Karim (UK)
17:55 - 18:02	Increased nuchal translucency before 11 weeks of gestation	Bo Bet (Netherlands)
18:02 - 18:09	Trisomies in relation to nuchal translucency at 10-11 weeks	Ghalia Ashoor (UK)
18:09 - 18:20	Impact of cfDNA testing on amniocentesis and CVS rates	Howard Cuckle (Israel)
18:20 - 18:27	Invasive testing vs cfDNA testing in the 1st trimester high risk group	Kasper Gadsbøll (Denmark)
18:27 - 18:34	Prenatal screening after preimplantation genetic testing-aneuploidy	Gerard Albaiges (Spain)
18:34 - 18:41	cfDNA testing for trisomy 21 based on digital droplet PCR	Pavel Calda (Czechia)
18:41 - 18:48	Isolation and testing of fetal cells from the mother	Francesca Romana Grati (Italy)
18:48 - 19:00	Discussion	

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- 2T/3T simple solution to help rule in and rule out suspected preterm pre-eclampsia

1. Daniel L. Rolnik et al. Aspirin versus Placebo in Pregnancies at High Risk for Preterm Preeclampsia. New England J Med 2017; 377:613-622 DOI: 10.1056/NEJMoa1704559

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### Answers that matter.

 Schmid et al. Ultrasound Obstet Gynecol. 2018 Feb DOI: 10.1002/UOG.19036.
Demonstrated b please go to harmonytest.com/references.
Stokowski et al. Prenat Diagn. 2015 Dec;35(12):1243-The Harmony Prenatal Test is a non-invasive prenatal test (NIPT) based on cell-free es not screen for potential chromosomal or genetic The results are intended for prenatal screening and are not inte armony test results are intended to be used in valuation, clinical genetic evaluation. This test is offered as a CE-IVD. Note: Because the fet

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only and is not intended as medical.

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www.twitter.com/janssenEMEA for our latest news.

### Wednesday 28<sup>th</sup> June 2023

#### 09:00 - 10:00 Fetal ultrasound meets genetics Discussants: Rabih Chaoui (Germany), Tessa Homfray (UK)

09:00 - 09:40 09:40 - 10:00	Presentation and discussion of diagnosis and management of fetal abnormalities Fetal sex abnormalities	Rabih Chaoui (Germany) Oliver Kagan (Germany) Marisa Borenstein (Spain)
10:15 - 10:30 10:30 - 10:45	Special lecture: Contribution of genetics to cerebral palsy Special lecture: Complication rate after termination for fetal defects Special lecture: Balloon catheters vs prostaglandins for labour induction Special lecture: Genomics and pregnancy complications	Mark Evans (USA) Oliver Kagan (Germany) Ben Mol (Australia) Antonio de Marvao (UK)
11:00 - 11:30	Coffee break	

#### 1.00 - 11.50 Collee bleak

#### 11:30 - 13:00 Topics in maternal – fetal medicine Discussants: Catherine Williamson (UK), Roland Devlieger (Belgium)

11:30 - 11:42 Fetal growth after maternal bariatric surgery Roland Devlieger (Belgium) 11:42 - 11:54 Cancer in pregnancy Frédéric Amant (Netherlands) 11:54 - 12:06 Diabetes risk stratification Caroline Ovadia (UK) 12:06 - 12:18 The GUARDS trial Katy de Paco (Spain) 12:18 - 12:30 Pre-pregnancy counselling Cathy Nelson-Piercy (UK) Catherine Williamson (UK) 12:30 - 12:42 Hyperemesis gravidarum 12:42 - 13:00 Discussion

#### 13:00 - 14:30 Lunch break

#### 14:30 - 19:30 Preeclampsia

Discussants: Liona Poon (Hong Kong), Laura Magee (UK), Peter von Dadelszen (UK), Stefan Verlohren (Germany), Kypros Nicolaides (UK)

#### 14:30 - 15:44 Topics of discussion:

	Angiogenic markers in prediction of preeclampsia	Liona Poon (Hong Kong)
	Angiogenic markers in diagnosis and management of preeclampsia	Stefan Verlohren (Germany)
	Is there more to learn from BP than whether it is ≥140/90 mmHg?	Laura Magee (UK)
	Prediction of adverse outcomes in preeclampsia	Peter von Dadelszen (UK)
	Management of blood pressure in the 4th trimester	Basky Thilaganathan (UK)
15:44 - 15:54	1st trimester prediction of future chronic hypertension	Marietta Charakida (UK)
15:54 - 16:06	First trimester blood pressure control	Ahmet Baschat (USA)
16:06 - 16:18	Preeclampsia and the kidney – a vicious cycle	Kate Bramham (UK)
16:18 - 16:30	Discrete event simulation modeling	David Wright (UK)
	-	-
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#### 16:30 - 17:00 Coffee break

17:00 - 17:12 17:12 - 17:22	Endothelial dysfunction in preeclampsia Arterial health and preeclampsia	Fatima Crispi (Spain) Ana Werlang (Canada)
17:22 - 17:32	Ophthalmic artery Doppler and arterial stiffness for prediction of term PE	Tanvi Mansukhani (UK)
17:32 - 17:40	Discussion	
17:40 - 17:50	Maternal nutrition and preeclampsia	Anastasija Arechvo (UK)
17:50 - 17:57	Serum glycosylated fibronectin in 1st trimester prediction of preterm preeclampsia	Daljit Sahota (Hong Kong)
17:57 - 18:04	Serum glycosylated fibronectin in suspected preeclampsia	Nikolas Sokratous (UK)
18:04 - 18:11	1st trimester prediction of preterm preeclampsia using artificial intelligence	Maria del Mar Gil (Spain)
18:11 - 18:18	1st trimester prediction of preterm preeclampsia and prevention by aspirin	Manel Mendoza (Spain)
18:18 - 18:25	Contribution of impaired placentation to preterm birth	Argyro Syngelaki (UK)
18:25 - 18:32	UtA-PI in GDM pregnancies with and without preeclampsia	Makarios Eleftheriadis (Greece)
18:32 - 18:39	Prediction and prevention of preeclampsia: Brazilian guidelines 2023	Fabricio Costa (Brazil)
18:39 - 18:49	ASPRE trial: effects of aspirin on PAPP-A, PIGF, MAP and UtA-PI trajectories	Daniel Rolnik (Australia)
18:49 - 18:59	RCT: discontinuation of aspirin if 2nd trimester biomarkers becomes normal	Manel Mendoza (Spain)
18:59 - 19:06	RCT (HoTel): Home telemonitoring vs. hospital care in complicated pregnancies	Mireille Bekker (Netherlands)
19:06 - 19:13	Hypertensive crisis in pregnancy:prediction of labetalol non-response	Mauro Parra-Cordero (Chile)
19:13 - 19:30	Discussion	



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Watch our webinar with Prof. K. Nicolaides and check our literature review with the key publications on the topic



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# PHILIPS

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OPTICAL POSITIONING ULTRASOUND SIMULATOR

### Thursday 29<sup>th</sup> June 2023

#### 09:00 - 10:30 Maternal - fetal infection Discussant: Yves Ville (France)

09:00 - 09:10 09:10 - 09:25 09:25 - 09:35 09:35 - 09:45 09:45 - 10:00 10:00 - 10:15 10:15 - 10:30	Covid 19 infection - overview CMV infection - overview Prevention of vertical transmission of CMV Fetal MRI findings in CMV Ultrasound findings in CMV Non-invasive diagnosis of fetal infection Discussion	Yves Ville (France) Yves Ville (France) Christos Chatzakis (Greece) Michael Aertsen (Belgium) Gustavo Malinger (Israel) Nicolas Bourgon (France)
10:30 - 10:45	Special lecture: Fetal diffusion tensor imaging	Romain Corroenne (France)
10:45 - 13:30	Fetal neurosonography Discussants: Dario Paladini (Italy), Gustavo Malinger (Israel)	
10:45 - 11:00	Overview of neurosonography	Elisenda Eixarch (Spain)
11:00 - 11:30	Coffee break	
11:30 - 11:45 11:45 - 12:00 12:00 - 12:15 12:15 - 12:30 12:30 - 12:45 12:45 - 12:55 12:55 - 13:05 13:05 - 13:15 13:15 - 13:30	Ventriculomegaly: Sequential and segmental analysis False negatives and false positives in neurosonography Understanding neuronal migration and neurosongraphic findings Fetal hydrocephaly: causes and differential diagnosis Corpus callosum anomalies: need for standardization Cortical bite sign in agenesis of the corpus callosum Cystic posterior fossa anomalies The 12 week interhemispheric cyst-like midline structure Discussion	Mauricio Herrera (Colombia) Dario Paladini (Italy) Ritsuko Pooh (Japan) Karina Haratz (Israel) Laurent Salomon (France) Ruben Ramirez Zegarra (Italy) De Robertis / Olivieri (Italy) Erica Smith (USA)

#### 13:30 - 15:00 Lunch break

#### 16:00 - 23:00 Trip to Xativa



### Speaker List:

Ahmet Baschat (USA) Akos Herzeg (USA) Alan Flake (USA) Alberto Galindo (Spain) Alexandra Benachi (France) Alfred Abuhamad (USA) Ana Werlang (Canada) Anastasija Arechvo (UK) Anne Noll (Netherlands) Anthony Johnson (USA) Antoni Borrell (Spain) Antonio de Marvao (UK) Argyro Syngelaki (UK) Aris Papageorghiou (UK) Athena Souka (Greece) Awais Mirza Ahmad (Pakistan) Basky Thilaganathan (UK) Ben Mol (Australia) Bo Bet (Netherlands) Carl Weiner (USA) Carlota Rodo (Spain) Carmen Mesas Burgos (Sweden) Caroline Ovadia (UK) Catherine Williamson (UK) Cathy Nelson-Piercy (UK) Charlotte van Dijk (Netherlands) Christoph Lees (UK) Christos Chatzakis (Greece) Clara Murillo Bravo (Spain) Claudia Rueda Ricarte (Spain) Claudiana Olivieri (Italy) Constantin von Kaisenberg (Germany) Daljit Sahota (Hong Kong) Daniel Rolnik (Australia) Dario Paladini (Italy) David Wright (UK) Denise Lapa (Brazil) Derek de Winter (Netherlands) Dick Oepkes (Netherlands) Edwin Quarello (France) Eldad Katorza (Israel) Elena Carreras (Spain) Elina Vlachodimitropoulou (Canada) Elisenda Eixarch (Spain) Enrico Lopriore (Netherlands) Erica Smith (USA) Eva Christin Weber (Germany) Fabio Peralta (Brazil) Fabricio Costa (Brazil) Fatima Crispi (Spain) Francesc Figueras (Spain) Francesca Crovetto (Spain) Francesca Romana Grati (Italy) Francesca Russo (Belgium) Francisca Molina (Spain) Frédéric Amant (Netherlands) George Daskalakis (Greece) Gerard Albaiges (Spain) Gerry Visser (Netherlands) Ghalia Ashoor (UK) Gilmar Osmundo Junior (Brazil) Gitte Hedermann (Denmark) Greg Ryan (Canada) Gustavo Malinger (Israel) Helena Williams (UK) Howard Cuckle (Israel) Ingo Gottschalk (Germany) Ioannis Papastefanou (Greece) Jan Deprest (Belgium) Jehan Karim (UK)

Joanne Verweij (Netherlands) Jon Hyett (Australia) José Morales-Roselló (Spain) Kanokwaroon Watananirun (Thailand) Karina Haratz (Israel) Kasper Gadsbøll (Denmark) Kate Bramham (UK) Katia Bilardo (Netherlands) Katy de Paco (Spain) Ken Moise (USA) Kurt Hecher (Germany) Kypros Nicolaides (UK) Laura Magee (UK) Laura Nogue (Spain) Laurent Salomon (France) Liesbeth Lewi (Belgium) Liona Poon (Hong Kong) Luc Joyeux (USA) Mads Langager Larsen (Denmark) Magdalena Sanz-Cortes (USA Magdalena Sanz-Cortes (USA) Makarios Eleftheriadis (Greece) Manel Mendoza (Spain) Margherita Scarrone (Italy) Maria del Mar Gil (Spain) Maria Ivan (UK) Marietta Charakida (UK) Marisa Borenstein (Spain) Mark Evans (USA) Mark Kilby (UK) Marta Santorum (UK) Mary Norton (USA) Mauricio Herrera (Colombia) Mauro Parra-Cordero (Chile) Michael Aertsen (Belgium) Michael Belfort (USA) Mingming Zheng (China) Mireille Bekker (Netherlands) Nerea Maiz (Spain) Nicolas Bourgon (France) Nicole Ochsenbein (Switzerland) Nikolas Sokratous (UK) Oliver Kagan (Germany) Paolo De Coppi (UK) Pavel Calda (Czechia) Peter Benn (USA) Peter von Dadelszen (UK) Piya Chaemsaithong (Thailand) Rabih Chaoui (Germany) Raffaele Napolitano (UK) Ramesh Papanna (USA) Ritsuko Pooh (Japan) Rogelio Cruz-Martinez (Mexico) Roland Axt-Fliedner (Germany) Roland Devlieger (Belgium) Romain Corroenne (France) Ruben Ramirez Zegarra (Italy) Sieglinde Muellers (Ireland) Simen Vergote (Belgium) Stefan Verlohren (Germany) Steffen Kristensen (Denmark) Sundeep Keswani (USA) Tanvi Mansukhani (UK) Themistoklis Dagklis (Greece) Thijs de Vos (Netherlands) Tim Van Mieghem (Canada) Valentina De Robertis (Italy) Vincenzo Berghella (USA) Yada Kunpalin (Canada) Yves Ville (France)

# Advances in Fetal Medicine Course 2 - 3 December 2023 London

Registration will open in August 2023 Limited number of places

Registration fee is £150, which includes lunches and coffees



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