



Scientific program

Monday 14 October 2019

07:30-08:10	Masterclasses Prematurity prevention: from ultrasound to proteomics <i>R. Romero (United States)</i>	Convention Hall I (C)
	Malformations of cortical development: is it possible to reach an etiologic diagnosis? <i>G. Malinger (Israel); D. Prayer (Austria)</i>	Convention Hall II
	How to evaluate a patient presenting with infertility with a single scan <i>B.R. Benacerraf (United States)</i>	Convention Hall I (D)
	Ultrasound and cfDNA: a happy marriage? <i>C.M. Bilardo (Netherlands); F. Grati (Italy)</i>	Estrel Hall (A+B)
08:15-09:35	cfDNA in our daily practice: what should we expect? <i>Chairs: K.O. Kagan (Germany); M. Norton (United States)</i>	Convention Hall I (C)
08:15	INVITED Title TBC <i>L. Chitty (United Kingdom)</i>	
08:45	OC02.01 Performance of first trimester screening for Trisomy 21 in twin pregnancies <i>E. Bergstrand-Poulsen (Denmark)</i>	
08:50	Discussion	
08:53	OC02.02 Performance of a genome-wide PCR-free, paired-end sequencing-based non-invasive prenatal screening test, VeriSeq NIPT Solution v2 <i>S. Bhatt (United States)</i>	
08:58	Discussion	
09:01	OC02.03 Predictive value of cell-free DNA screening in a modern cohort: a single institution's experience <i>D.L. Gray (United States)</i>	
09:06	Discussion	
09:09	OC02.04 Residual risk for a postnatal diagnosis and livebirth of an atypical chromosomal aberration following first trimester combined screening <i>P. Conner (Sweden)</i>	



**29th World Congress on Ultrasound
in Obstetrics and Gynecology**
12-16 October 2019, Berlin, Germany

- 09:14 Discussion
- 09:17 **OC02.05** What is the chance for pathogenic chromosomal microarray analysis results in structurally normal fetuses?
H. Daum (Israel)
- 09:22 Discussion
- 09:25 **OC02.06** Prenatal fetal gender discordance following cfDNA testing
J. Miguelez (Brazil)
- 09:30 Discussion
- 08:15-09:35 Cerebellum and posterior fossa** **Convention Hall II**
Chairs: B.R. Benacerraf (United States); K. Karl (Germany)
- 08:15 **LIVE SCAN** How I scan the brain [industry supported]
L. Guibaud (France)
- 08:35 **OC03.01** Prenatal diagnosis of rhombencephalosynapsis: beyond the fusion of the cerebellar hemispheres
K.K. Haratz (Israel)
- 08:40 Discussion
- 08:43 **OC03.02** 3D fetal MRI visualisation of cerebellar white matter tracts
G.O. Dovjak (Austria)
- 08:48 Discussion
- 08:51 **OC03.03** Neurodevelopmental outcome of children with fetal isolated vermian abnormalities
R. Berkovitz-Shperling (Israel)
- 08:56 Discussion
- 08:59 **OC03.04** Prospective detection and differential diagnosis of cystic posterior fossa anomalies by assessing posterior brain at 11–14 weeks
T. Fanelli (Italy)
- 09:04 Discussion
- 09:07 **OC03.05** Cerebellar hypoplasia: prenatal diagnosis and outcome
T. Borkowski (Israel)
- 09:12 Discussion



29th World Congress on Ultrasound in Obstetrics and Gynecology

12-16 October 2019, Berlin, Germany

- 09:15 **OC03.06** Diagnosis of spina bifida in a routine clinical setting at the first trimester scan: a prospective multicentre study
J. Tiechl (Austria)
- 09:20 Discussion
- 09:23 **OC03.07** Prenatal diagnosis of malformations of cortical development associated to midbrain-hindbrain anomalies
K.K. Haratz_(Israel)
- 09:28 Discussion
- 08:15-09:35** **Classifying and managing ovarian masses** **Convention Hall I (D)**
Chairs: T. Bourne (United Kingdom); D. Timmerman (Belgium)
- 08:15 **INVITED** Using the IOTA ADNEX model to classify all ovarian masses
W. Froyman (Belgium)
- 08:35 **OC04.01** Imaging in gynecology: mature cystic teratoma of the ovary
R. Heremans (Belgium)
- 08:40 Discussion
- 08:43 **OC04.02** The role of IOTA ADNEX model compared to subjective assessment in the preoperative diagnosis of unilocular-solid adnexal masses
D. Franchi (Italy)
- 08:48 Discussion
- 08:51 **OC04.03** Prediction of adnexal torsion by ultrasound in women with acute abdominal pain
R. Bardin (Israel)
- 08:56 Discussion
- 08:59 **OC04.04** A machine-learning algorithm to distinguish benign and malignant adnexal tumours from ultrasound images
D. Al-Karawi (United Kingdom)
- 09:04 Discussion
- 09:07 **OC04.05** Conservative management of adnexal pathology classified as benign by ADNEX model before and after the menopause: a prospective multicentre study
S. Rodrigues (Portugal)
- 09:12 Discussion

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29th World Congress on Ultrasound in Obstetrics and Gynecology

12-16 October 2019, Berlin, Germany

- 09:15 **OC04.06** Management of adnexal masses during pregnancy: a prospective study
C. Landolfo (United Kingdom)
- 09:20 Discussion
- 09:23 **OC04.07** Presurgical assessment of adnexal masses: performance of IOTA-LR2, ADNEX and RMI models and added value of tumour marker-based models ROMA and CPH-I
N. Carreras Diéguez (Spain)
- 09:28 Discussion
- 08:15-09:35** **Ultrasound in the labour ward** **Estrel Hall (A+B)**
Chairs: C. Lees (United Kingdom); W. Henrich (Germany)
- 08:15 **ISUOG GUIDELINES** Intrapartum ultrasound
T. Ghi (Italy)
- 08:35 **OC05.01** Rotational forceps delivery: a novel role of intrapartum ultrasound for quality control and teaching
L. Hinkson (Germany)
- 08:40 Discussion
- 08:43 **OC05.02** Movement of the fetal head during active pushing assessed with ultrasound
B.H. Kahrs (Norway)
- 08:48 Discussion
- 08:51 **OC05.03** Ultrasound in the second stage of labour before instrumental vaginal delivery: a randomised controlled trial
J. Barros (Portugal)
- 08:56 Discussion
- 08:59 **OC05.04** Dynamic two-dimensional transperineal ultrasound prior to perineal suturing as a screening tool for anal sphincter injury and fecal incontinence
G. Salsi (Italy)
- 09:04 Discussion
- 09:07 **OC05.05** Moulding of the fetal head diagnosed with ultrasound
T.M. Eggebø (Norway)
- 09:12 Discussion

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29th World Congress on Ultrasound in Obstetrics and Gynecology

12-16 October 2019, Berlin, Germany

09:15	OC05.06 Point of Care Ultrasound for fluid assessment and management in a pre-eclamptic patient with postpartum hemorrhage <i>S. Lau (Hong Kong)</i>	
09:20	Discussion	
09:23	OC05.07 Prediction of mode of delivery using intrapartum ultrasound in the assessment of fetal head deflexion <i>F. Bellussi (Italy)</i>	
09:28	Discussion	
09:40-10:20	Short oral presentations (OP)	
	OP01 Novel imaging methods, artificial intelligence and more <i>Chairs: C. Brezinka (Austria); J. Stirnemann (France)</i>	Convention Hall I (C)
	OP02 Multimodal management of fetal anomalies <i>Chairs: P. Acharya (India); A. Diemert (Germany)</i>	Convention Hall II
	OP03 Classifying and managing ovarian masses <i>Chairs: J. Preisler (Chile); S. Saso (United Kingdom)</i>	Convention Hall I (D)
	OP04 Ultrasound in the labour ward <i>Chairs: K. Kalache (Qatar); C. Bamberg (Germany)</i>	Estrel Hall (A+B)
10:15-10:45	Coffee and e-poster viewing	
10:45-12:05	New genetic technologies: how can they help? <i>Chairs: P. Benn (United States); F. Grati (Italy)</i>	Convention Hall I (C)
10:45	INVITED Cases that stump me <i>L. Dugoff (United States)</i>	
11:05	OC06.01 Single gene, gene panel and exome sequencing applied in structurally abnormal fetuses with a normal chromosomal microarray analysis <i>A. Borrell (Spain)</i>	
11:10	Discussion	
11:13	OC06.02 A new molecular work-up for early pregnancy losses based on QF-PCR and SNP-array in chorionic villi is more accurate than karyotyping <i>L. Benitez Quintanilla (Spain)</i>	
11:18	Discussion	
11:21	OC06.03 Increased fetal nuchal translucency: genetic examination by the advanced technology <i>M. Chen (China)</i>	

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29th World Congress on Ultrasound in Obstetrics and Gynecology

12-16 October 2019, Berlin, Germany

- 11:26 Discussion
- 11:29 **OC06.04** Population-based prevalence of 22q11 deletion syndrome and other chromosome abnormalities in a combined prenatal and postnatal cohort
L. Hui (Australia)
- 11:34 Discussion
- 11:37 **OC06.05** Prenatal diagnosis and clinical analysis of CNV in fetal cleft lip
X. Chen (China)
- 11:42 Discussion
- 11:45 **OC06.06** Cell-free DNA in the detection of chromosomal aneuploidies in early fetal demise and miscarriage
M. Hynek (Czech Republic)
- 11:50 Discussion
- 11:53 **OC06.07** Maternal plasma genome-wide cell-free DNA testing can detect fetal aneuploidy in pregnancy loss and can be used to guide further work-up in recurrent losses
A. Borrell (Spain)
- 11:58 Discussion
- 10:45-12:05 The challenge of ventriculomegaly** **Convention Hall II**
Chairs: G. Malingier (Israel); R. Chaoui (Germany)
- 10:45 **INVITED** Fetal brain anomalies: how to counsel your patient
A.T. Papageorghiou (United Kingdom)
- 11:05 **OC07.01** Role of prenatal magnetic resonance imaging in fetuses with isolated ventriculomegaly: a multicentre study
D. Di Mascio (Italy)
- 11:10 Discussion
- 11:13 **OC07.02** Differential diagnosis of irregular lateral ventricle walls: correlation between prenatal imaging and fetal neuropathological studies
K.K. Haratz (Israel)
- 11:18 Discussion
- 11:21 **OC07.03** Prenatal work-up, associated anomalies and long-term postnatal outcomes of fetuses with 9–10mm cerebral ventricular atria width
M. Sharon-Weiner (Israel)

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29th World Congress on Ultrasound in Obstetrics and Gynecology

12-16 October 2019, Berlin, Germany

- 11:26 Discussion
- 11:29 **OC07.04** Differential regional distribution of ventricular volumes in fetuses with isolated non-severe ventriculomegaly is associated with poor neurodevelopmental outcome
N.M. Hahner (Spain)
- 11:34 Discussion
- 11:37 **OC07.05** Prenatal diagnosis of arachnoid cysts: MRI features and neurodevelopmental outcome
E. Katorza (Israel)
- 11:42 Discussion
- 11:45 **OC07.06** Prenatal diagnosis of dural sinus malformation using fetal magnetic resonance imaging
D. Prayer (Austria)
- 11:50 Discussion
- 11:53 **OC07.07** SS-FSE FAIR ASL parameters for non-invasive measurement of fetal brain perfusion *in vivo*
A.E. Millischer (France)
- 11:58 Discussion
- 10:45-12:05 Investigating women with abnormal bleeding** **Convention Hall I (D)**
Chairs: J. Huirne (Netherlands); L. Jokubkiene (Sweden)
- 10:45 **INVITED** Predicting pathology in women with abnormal bleeding using standardised ultrasound features: data from the IETA 1 study on >3,000 women
T. Van den Bosch (Belgium)
- 11:00 **INVITED** Caesarean section scars (the niche): ultrasound assessment and the current position on whether treatment is necessary
J. Huirne (Netherlands)
- 11:15 **OC08.01** Could comparative elastography help in the sonographic diagnosis of adenomyosis?
S. Iglesias Ferreiro (Spain)
- 11:20 Discussion
- 11:23 **OC08.02** A prospective controlled study for Caesarean section niche development with hysteroscopic correlation in symptomatising patients
H.M. Gaafar (Egypt)

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29th World Congress on Ultrasound in Obstetrics and Gynecology

12-16 October 2019, Berlin, Germany

- 11:28 Discussion
- 11:31 **OC08.03** Prevalence of malignancy or premalignancy in postmenopausal women without vaginal bleeding in whom the endometrial thickness measured ≥ 11 mm
M. Wong (United Kingdom)
- 11:36 Discussion
- 11:39 **OC08.04** Oral administration of norethisterone acetate in women with adenomyosis: effects on ultrasound features and clinical symptoms
L. Lazzeri (Italy)
- 11:44 Discussion
- 11:47 **OC08.05** Incidental finding of endometrial polyps: results from a prospective multicentre study (IETA3)
R. Heremans (Belgium)
- 11:52 Discussion
- 11:55 **OC08.06** Ability to adequately visualise an endometrial echo on transvaginal ultrasound in asymptomatic postmenopausal women
S.R. Goldstein; A. Khafaga (United States)
- 12:00 Discussion
- 10:45-12:05 Prediction of pregnancy complications** **Estrel Hall (A+B)**
Chairs: R. Romero (United States); D. Schlembach (Germany)
- 10:45 **INVITED** Prediction of pre-eclampsia in 2019
D.L. Rolnik (Australia)
- 11:05 **OC09.01** Prediction of preterm delivery by cervical length at 11–14 weeks of gestation
M. Bermudez Rojas (Mexico)
- 11:10 Discussion
- 11:13 **OC09.02** The risk of subsequent preterm birth in women with a short cervix who delivered at term
J. Wie (Republic of Korea)
- 11:18 Discussion
- 11:21 **OC09.03** Contribution of the amniocentesis for the ultrasound predictor of spontaneous preterm delivery in women with preterm labour
C. Murillo Bravo (Spain)

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**29th World Congress on Ultrasound
in Obstetrics and Gynecology**
12-16 October 2019, Berlin, Germany

11:26	Discussion	
11:29	OC09.04 A rapid MMP-8 bedside test performs better than amniotic fluid white blood cell count in the antenatal identification of acute histologic chorioamnionitis <i>S. Hong (Republic of Korea)</i>	
11:34	Discussion	
11:37	OC09.05 Low Papp-A at booking: is serial ultrasound surveillance warranted? <i>A. Anness (United Kingdom)</i>	
11:42	Discussion	
11:45	OC09.06 Value of universal third trimester ultrasonography as predictor of adverse perinatal outcome at term <i>A. Cavallaro (United Kingdom)</i>	
11:50	Discussion	
11:53	OC09.07 Women with a second trimester placenta previa of 14mm or less are at low risk of a placenta previa in the third trimester: a prospective cohort <i>C.H. Jansen (Netherlands)</i>	
11:58	Discussion	
12:10-12:50	Short oral presentations (OP)	
	OP05 Issues in prenatal genetic testing <i>Chairs: P. Benn (United States); P. Kozłowski (Germany)</i>	Convention Hall I (C)
	OP06 Fetal renal abnormalities <i>Chairs: R. Ruano (United States); A. Geipel (Germany)</i>	Convention Hall II
	OP07 Investigating causes of abnormal uterine bleeding and uterine disease <i>Chairs: E. Epstein (Sweden); T. Van den Bosch (Belgium)</i>	Convention Hall I (D)
	OP08 Prediction of pregnancy complications <i>Chairs: L. Poon (Hong Kong); J. Stone (United States)</i>	Estrel Hall (A+B)
12:45-14:15	Lunch and e-poster viewing	
13:00-14:00	Industry sponsored satellite symposia	
14:15-15:35	Novel developments in our field <i>Chairs: L.J. Salomon (France); K. Maršál (Sweden)</i>	Convention Hall I (C)

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29th World Congress on Ultrasound in Obstetrics and Gynecology

12-16 October 2019, Berlin, Germany

- 14:15 **INVITED** Imaging the future: overview of latest new developments in fetal imaging, simulation, AI
H. Werner (Brazil)
- 14:30 **OC10.01** Combination of ultrasound and magnetic resonance imaging for virtual reality systems to evaluate fetal malformations
H. Werner (Brazil)
- 14:35 Discussion
- 14:38 **OC10.02** Bioeffects safety indices of ultrasound: quantifying adherence to recommendations on routine obstetric scan
L. Drukker (United Kingdom)
- 14:43 Discussion
- 14:46 **OC10.03** Fetal exposure to magnetic resonance imaging: neurodevelopment outcome
E. Katorza (Israel)
- 14:51 Discussion
- 14:54 **OC10.04** Introducing ISUOG's Basic Training novel approach to the second trimester anomaly scan: the 20+2 planes
T. Chudleigh (United Kingdom)
- 14:59 Discussion
- 15:02 **OC10.05** The "Valensise Radar" to understand the maternal hemodynamic status
D. Farsetti (Italy)
- 15:07 Discussion
- 15:10 **OC10.06** Breaking bad news due to fetal abnormalities during prenatal ultrasound examination: can simulation training be done?
E. Mousty (France)
- 15:15 Discussion
- 15:18 **OC10.07** To measure or not to measure? Current NCHD practice of abdominal circumference measurement in the Antenatal Clinic, Cork University Maternity Hospital, and the level of training required in achieving international best practice
S. O'Brien (Republic of Ireland)
- 15:23 Discussion

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29th World Congress on Ultrasound in Obstetrics and Gynecology

12-16 October 2019, Berlin, Germany

- 15:26 **OC10.08** A standardised examination protocol based on priority assessment levels to optimise first trimester ultrasound screening
P. Macé (France)
- 15:31 Discussion
- 14:15-15:35 Fetal anomalies: head and spine** **Convention Hall II**
Chairs: C.M. Bilardo (Netherlands); J.A. Copel (United States)
- 14:15 **LIVE SCAN** Fetal anomalies head to toe [industry supported]
C.M. Bilardo (Netherlands)
- 14:35 **OC11.01** Sensitivity of retronasal triangle view in first trimester detection of palatine clefts
S. Lakshmy (India)
- 14:40 Discussion
- 14:43 **OC11.02** Characterisation of the fetal external ear location and size by three-dimensional ultrasound
S. Porat (Israel)
- 14:48 Discussion
- 14:51 **OC11.03** The relevance of fetal ductus venosus or ductus venosus-like structures-inferior vena cava shunt abnormalities and Down's syndrome
G. Tao (China)
- 14:56 Discussion
- 14:59 **OC11.04 & OC11.05** Vertebral patterns in conditions with variable outcome
P.C. Schut (Netherlands)
- 15:07 Discussion
- 15:10 **OC11.06** Role of early ultrasound scan: a two-year study of cases of increased nuchal translucency with normal karyotype
M.M. Elsayed (United Kingdom)
- 15:15 Discussion
- 15:18 **OC11.07** Randomised controlled study on the use of systematic simulator-based training (OPUS Fetal Heart Trainer) for learning the standard heart planes in fetal echocardiography
J. Steinhard (Germany)
- 15:23 Discussion

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29th World Congress on Ultrasound in Obstetrics and Gynecology

12-16 October 2019, Berlin, Germany

- 15:26 **OC11.08** Syndromic craniofacial dysmorphic feature assessment *in utero*: potential for a novel imaging methodology with reconstructed 3D fetal MRI models
J. Matthew (United Kingdom)
- 15:31 Discussion
- 14:15-15:35** **Ultrasound to help manage the oncology patient** **Convention Hall I (D)**
Chairs: A.C. Testa (Italy); D. Fischerová (Czech Republic)
- 14:15 **INVITED** How does imaging influence my management of women with probable ovarian carcinoma
C. Fotopoulou (United Kingdom)
- 14:35 **INVITED** How to assess the extent of tumour for women with endometrial and cervical cancer
E. Epstein (Sweden)
- 14:49 **INVITED** Preoperative assessment of ovarian cancer
D. Fischerová (Czech Republic)
- 15:03 **OC12.01** Can ultrasound do distinguished diagnosis between complete and partial hydatidiform mole with coexistent fetus?
J. Qin (China)
- 15:08 Discussion
- 15:11 **OC12.02** Management of borderline ovarian tumours: overall survival and long-term follow-up
S. Saso (United Kingdom)
- 15:16 Discussion
- 15:19 **OC12.03** Comparison of clinical and ultrasound characteristics in low- and high-grade serous cancer
B. Cornelli (Italy)
- 15:24 Discussion
- 15:27 **OC12.04** A new advanced tool in gynecological surgery: the intraoperative ultrasound examination
I. De Blasis (Italy)
- 15:32 Discussion
- 14:15-15:35** **Fetal interventions in monochorionic twins** **Estrel Hall (A+B)**
Chairs: E. Gratacós (Spain); K. Hecher (Germany)



29th World Congress on Ultrasound in Obstetrics and Gynecology

12-16 October 2019, Berlin, Germany

- 14:15 **VIDEO:** Fetoscopic surgery of monochorionic twins
A. Johnson (United States)
- 14:31 **OC13.01** Surgical versus expectant management in twin reversed arterial perfusion sequence
K. Kostyukov (Russian Federation)
- 14:36 Discussion
- 14:39 **OC13.02** Umbilical artery end-diastolic flow patterns are associated with right ventricular outflow abnormalities in Twin–twin transfusion syndrome
J. Espinoza (United States)
- 14:44 Discussion
- 14:47 **OC13.03** Perioperative hemodynamic changes in Twin–twin transfusion syndrome and long-term neurodevelopmental outcomes
M. Gijtenbeek (Netherlands)
- 14:52 Discussion
- 14:55 **OC13.04** Intertwin differences in fetal cardiac geometry are associated with decreased dual twin survival in Twin–twin transfusion syndrome
R. Corroenne (United States)
- 15:00 Discussion
- 15:03 **OC13.05** Cervical pessary for prevention of preterm birth in Twin–twin transfusion syndrome
J. Gottula (United States)
- 15:08 Discussion
- 15:11 **OC13.06** Risk of intrauterine demise of donors with selective fetal growth restriction after laser surgery for Twin–twin transfusion syndrome
J. Ortiz (Germany)
- 15:16 Discussion
- 15:19 **OC13.07** Ultrasound evaluation of fetomaternal circulation after modified laparoscopic cervicoisthmic cerclage
K. Seo (Japan)
- 15:24 Discussion
- 15:27 **OC13.08** Mechanical properties and toxicity of different bioadhesives as sealing system for fetal membranes
T. Micheletti (Spain)

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29th World Congress on Ultrasound in Obstetrics and Gynecology

12-16 October 2019, Berlin, Germany

15:32	Discussion	
15:35-16:00	Coffee and e-poster viewing	
16:00-17:30	Workshop How isolated is “isolated” corpus callosum agenesis? <i>Chairs: G. Pilu (Italy); A.E. Millischer (France)</i>	Convention Hall I (C)
16:00	The contribution of ultrasound to the diagnosis of associated anomalies <i>D. Pugash (Canada)</i>	
16:25	The contribution of MRI to the diagnosis of associated anomalies <i>A.E. Millischer (France)</i>	
16:50	Is this corpus callosum normal? <i>G. Malinger (Israel)</i>	
17:15	Discussion	
16:00-17:30	Workshop Abnormalities of situs and the venous system <i>Chairs: D. Paladini (Italy); E. Quarello (France)</i>	Convention Hall II
16:00	LIVE SCAN Assessing situs and the venous system [industry supported] <i>J. Carvalho (United Kingdom)</i>	
16:20	Fetal umbilico portal ductus venous system <i>R. Achiron (Israel)</i>	
16:40	Pulmonary venous system <i>D. Paladini (Italy)</i>	
17:00	Fetal situs anomalies and heterotaxy <i>R. Chaoui (Germany)</i>	
17:20	Discussion	
16:00-17:30	Workshop Classifying ovarian tumours: knowing how to classify ovarian masses using IOTA terminology, rules and models <i>Chairs: A.C. Testa (Italy); D. Timmerman (Belgium)</i>	Convention Hall I (D)
16:00	Terms and definitions used to describe ovarian masses: the key to getting it right <i>J. Preisler (Chile)</i>	
16:15	IOTA descriptors and simple rules: what are the ultrasound features and how to use the rules – can they be applied to all masses? <i>T. Bourne (United Kingdom)</i>	

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29th World Congress on Ultrasound in Obstetrics and Gynecology

12-16 October 2019, Berlin, Germany

- 16:30 The IOTA ADNEX model: what variables are used and how to interpret the results
D. Timmerman (Belgium)
- 16:45 How worried should you be by solid projections into otherwise unilocular looking cysts?
C. Landolfo (United Kingdom)
- 17:00 Using the IOTA approach to classify ovarian masses in clinical practice: case examples
W. Froyman (Belgium)
- 16:00-17:30 Workshop: Assessing early fetal growth restriction** **Estrel Hall (A+B)**
Chairs: S. Campbell; A.T. Papageorghiou (United Kingdom)
- 16:00 Assessing fetal growth: the ISUOG fetal biometry guidelines
L.J. Salomon (France)
- 16:20 Pathophysiology of early onset fetal growth restriction
A.A. Baschat (United States)
- 16:40 Management of early growth restriction: the European view
E. Gratacós (Spain)
- 16:55 Management of early growth restriction: the USA view
A. Abuhamad (United States)
- 17:10 Discussion
- 16:00-17:30 Workshop** **Estrel Hall (C4)**
3D ultrasound of the fetal head
Chairs: B. Tutschek (Switzerland); S. Tudorache (Romania)
- 16:00 Volume acquisition and qualitative and quantitative analysis of the fetal face and skull: a step-by-step guide
B. Tutschek (Switzerland)
- 16:20 Genetic syndromes with an abnormal face that you must know: added value of 3D
E. Merz (Germany)
- 16:40 Brain views that benefit from or are only possible with 3D
A. Youssef (Italy)
- 17:00 Live volume/video demonstration face and skull:
1. essentials in 2D and additional information from 3D; 2. bone rendering
B. Benoit (France)
- 17:20 Discussion

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29th World Congress on Ultrasound in Obstetrics and Gynecology

12-16 October 2019, Berlin, Germany

Hubs

		Foyer 3:
08:15-09:15	Interactive Hubs ISUOG Basic Training series I <i>Chair: R. Abu-Rustum (United States)</i>	HUB 2
	In conversation with <i>I.E. Timor-Tritsch</i> : Caesarean scar pregnancy	HUB 3
	In conversation with <i>S. Campbell</i> : pearls of gynecological imaging	HUB 4
09:40-10:20	Poster discussions (P) P01: cfDNA and new genetic technologies <i>Chair: A. Sotiriadis (Greece)</i>	HUB 1
	P02: Diagnosis and prognosis of congenital heart defects <i>Chair: B. Tutschek (Switzerland)</i>	HUB 2
	P03: Ultrasound and reproductive medicine <i>Chairs: W.P. Martins (Brazil); M. Leonardi (Australia)</i>	HUB 3
	P04: Fetal disease I <i>Chair: N. Vrachnis (Greece)</i>	HUB 4
10:45-11:45	Interactive Hubs Outreach virtual mentor workshop <i>Chair: L. Hanson (United States)</i>	HUB 1
	Infections <i>Chair: TBC</i>	HUB 2
	In conversation with <i>G. Condous</i> : how I evaluate my patients for endometriosis before surgery <i>Chairs: G. Hudelist (Austria); N. Raine-Fenning (United Kingdom)</i>	HUB 3
12:10-12:50	Poster discussions (P) P05: Fetal disease II <i>Chairs: S.C. Westerway (Australia); A. Khurana (India)</i>	HUB 1
	P06: Fetal growth: predicting outcomes <i>Chairs: P. Glanc (Canada); R. Cruz-Martinez (Mexico)</i>	HUB 2
	P07: Classifying ovarian masses using ultrasonography <i>Chairs: W. Froyman (Belgium); A.C. Testa (Italy)</i>	HUB 3
	P08: New techniques for the evaluation of the fetal heart <i>Chairs: A. Gagnon (Canada); J. Huhta (United States)</i>	HUB 4
13:10-14:10	Guideline Hubs Chinese <i>Chair: Q. Wu (China)</i>	HUB 1

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in Obstetrics and Gynecology**
12-16 October 2019, Berlin, Germany

	French recommendations for cell-free DNA <i>Chair: G. Haddad (France)</i>	HUB 2
	Interactive In conversation with <i>N. Raine-Fenning</i> : fertility	HUB 3
14:15-15:15	Interactive Hubs 3D: the right modality for the right patients in the right time <i>Chair: S. Tudorache (Romania)</i>	HUB 1
	In conversation with <i>D. Timmerman</i> : the IOTA study and classifying ovarian masses Q&A <i>Chairs: T. Bourne; N. Raine-Fenning (United Kingdom)</i>	HUB 3
15:20-16:20	Interactive Hubs Polish Society <i>Chairs: M. Zimmer; M. Wielgos; W. Rokita (Poland)</i>	HUB 1
	Society of Fetal Medicine <i>Chair: TBC</i>	HUB 2
	Interactive Hubs In conversation with <i>W.P. Martins</i> : uterine anomalies	HUB 3
	Argentina Society <i>Chair: P. Scrosati (Argentina)</i>	HUB 4
16:25-17:25	Interactive Hubs Intrapartum ultrasound quiz: look at the screen and decide how to deliver the baby! <i>Chairs: T. Ghi; G. Rizzo (Italy); B. Tutschek (Switzerland)</i>	HUB 1
	Ultrasound in labour in a low-resource setting <i>Chairs: T.M. Eggebø (Norway); R. Kamel (Egypt)</i>	HUB 2
	Why 'P' valves are not the be all and end all <i>Chair: L. Wynants (Belgium)</i>	HUB 3
17:30-18:00	New for 2019! Key messages from Monday: Convention Hall II <i>Chairs: L. Drukker (United Kingdom); M. Gil (Spain)</i>	HUB 1
	Key messages from Monday: Convention Hall I (D) <i>Chairs: G. Kaspran (Austria); F. D'Antonio (Norway)</i>	HUB 2
	Key messages from Monday: Estrel Hall (A+B) <i>Chairs: R. Napolitano (United Kingdom); M. Cruz-Lemini (Spain)</i>	HUB 4

This is the preliminary program and is subject to change