Scientific program

Wednesday 16 October 2019

07:30-08:10  Masterclasses
First trimester fetal anatomy scan: the basics and beyond  
S. Meagher (Australia)

Recognising different types of ovarian tumours from metastatic lesions to immature teratomas: features and case examples  
A.C. Testa (Italy)

All you need to know about multiple pregnancy  
K. Hecher (Germany)

08:15-09:35  Improvements in the diagnosis of congenital heart defects  
Chairs: W. Lee (United States); C. Berg (Germany)

08:15  LIVE SCAN The fetal heart [industry supported]  
W. Lee (United States)

08:31  OC26.01 Feasibility and accuracy of early fetal echocardiography performed at 13–13+6 weeks in a population with high body mass index  
R. Garcia-Delgado (Spain)

08:36  Discussion

08:39  OC26.02 Second trimester aortic valve diameter in fetuses with bicuspid aortic valve: a substudy from The Copenhagen Baby Heart Study  
C. Vedel (Denmark)

08:44  Discussion

08:47  OC26.03 A novel simple method for the sonographic detection of fetal aberrant right subclavian artery: a prospective study  
E. Kassif (Israel)

08:52  Discussion

08:55  OC26.04 It's the angle: improved identification of fetal aortic coarctation  
C. Haxel (United States)

09:00  Discussion

09:03  OC26.05 Amongst fetuses with conotruncal anomalies, how good is ultrasound measurement of the thymic-thoracic ratio at identifying those with microdeletion 22q11?  
C. Pylypjuk (Canada)

This is the preliminary program and is subject to change
09:08 Discussion

09:11 **OC26.06** A new diagnostic way in fetuses with tetralogy of Fallot based on the normal fetal quantile score data model
* S. Gao (China)

09:16 Discussion

09:19 **OC26.07** Prenatal echocardiographic classification and prognostic evaluation strategy in fetal pulmonary atresia with intact ventricular septum
* L. Liu (China)

09:24 Discussion

09:27 **OC26.08** Prediction for biventricular outcome in prenatally diagnosed pulmonary atresia with intact ventricular septum/critical pulmonary stenosis
* A. Wolter (Germany)

09:32 Discussion

08:15-09:35 Assessing women with urinary incontinence with ultrasound
* Convention Hall I (D)

08:15 **INVITED** Urinary incontinence and symptomatic correlation
* V.H. Eisenberg (Israel)

08:35 **OC27.01** A randomised controlled trial of the effect of pelvic floor exercise on contraction, anatomy and symptoms in women scheduled for prolapse surgery
* M. Nyhus (Norway)

08:40 Discussion

08:43 **OC27.02** Effect on bladder prolapse of individualised Kegel exercise supervised by ultrasound
* X. Gu (China)

08:48 Discussion

08:51 **OC27.03** Prevalence of anal sphincter defects and association with anal incontinence in a urogynecological population
* S. Mathew (Norway)

08:56 Discussion

08:59 **OC27.04** Does urethral kinking affect the association between urethral closure pressure and SUI?
* L. Chen (China)

This is the preliminary program and is subject to change
09:04 Discussion

09:07 **OC27.05** Reliability study of transperineal ultrasound for assessment of pelvic floor contraction

*M. Nyhus (Norway)*

09:12 Discussion

09:15 **OC27.06** Association between St Mark's continence score and anal and/or pelvic floor defects following obstetric anal sphincter injury

*L. de Jong-Speksnijder (Netherlands)*

09:20 Discussion

09:23 **OC27.07** Translabial ultrasound for localisation of midurethral sling mesh

*C. Stewart (United Kingdom)*

09:28 Discussion

**08:15-09:35** Hypertension in pregnancy and maternal hemodynamics

*Estrel Hall (A+B)*

08:15 **INVITED** Implementation of first trimester pre-eclampsia screening in clinical practice: a global perspective

*F. Da Silva Costa (Australia)*

08:35 **OC28.01** Reference ranges for placental perfusion using dynamic contrast enhancement magnetic resonance imaging

*G. Benchimol (France)*

08:40 Discussion

08:43 **OC28.02 & OC28.03** Home blood pressure monitoring in pregnancy

*E. Kalafat (Turkey)*

08:51 Discussion

08:54 **OC28.04** Maternal cardiac hemodynamic may predict progression from mild to severe pre-eclampsia

*E. di Pasquo (Italy)*

08:59 Discussion

09:02 **OC28.05** Early and late pregnancy complications in chronic hypertension are linked to different hemodynamic states before and during gestation

*B. Vasapollo (Italy)*

09:07 Discussion

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<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>09:10</td>
<td><strong>OC28.06</strong> Pregnancy complicated by type 1 diabetes, type 2 diabetes</td>
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<td>and gestational diabetes: maternal hemodynamic assessment and</td>
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<td>subsequent complications</td>
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<td><em>I. Pisani (Italy)</em></td>
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<td>09:15</td>
<td>Discussion</td>
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<td>09:18</td>
<td><strong>OC28.07</strong> Validation of screening performance of first trimester</td>
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<td>prediction algorithm for pre-eclampsia in an Asian population</td>
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<td><em>L. Poon (Hong Kong)</em></td>
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<td>09:23</td>
<td>Discussion</td>
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<tr>
<td>09:40</td>
<td><strong>Short oral presentation (OP)</strong></td>
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<td><strong>OP16</strong> IUGR: clinical studies</td>
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<td><em>Chairs: S. Yeo (Singapore); F. Figueras (Spain)</em></td>
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<td>09:40</td>
<td><strong>Workshop</strong></td>
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<td>Evaluating myometrial pathology and fibroids</td>
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<td></td>
<td><em>Chairs: J. Huirne (Netherlands); L. Valentin (Sweden)</em></td>
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<tr>
<td>09:40</td>
<td><strong>Short oral presentation (OP)</strong></td>
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<td><strong>OP17</strong> Fetal surgery</td>
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<td></td>
<td><em>Chairs: K. Hecher (Germany); Y. Ville (France)</em></td>
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<td>10:00</td>
<td><strong>Using ultrasound in reproductive medicine: the diagnosis of PCO</strong></td>
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<td>and uterine abnormalities</td>
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<td><em>Chairs: N. Raine-Fenning (United Kingdom) C. Brezinka (Austria)</em></td>
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<td>10:05</td>
<td><strong>INVITED</strong> The new ESHRE consensus: do we need another guideline</td>
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<td>telling us how to diagnose PCO?</td>
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<td><em>N. Raine-Fenning (United Kingdom)</em></td>
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<td>11:05</td>
<td><strong>OC29.01</strong> Definitions, diagnosis, prevalence, clinical implications</td>
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<td>and treatment of t-shaped uterus: a systematic review</td>
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<td><em>M.A. Coelho Neto (Brazil)</em></td>
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<td>11:10</td>
<td>Discussion</td>
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11:17 Discussion

11:20 **OC30.03** Diagnostic performance of ultrasound in prenatal diagnosis of placenta accreta in women without previous Caesarean section (ADoPAD study)  
*N. Fratelli (Italy)*

11:25 Discussion

11:28 **OC30.04** Performance of transvaginal ultrasound between 11–14 weeks in women with prior Caesarean delivery for early prediction of placenta accreta spectrum  
*G. Doulaveris (United States)*

11:33 Discussion

11:36 **OC30.05** Placental location and risk of retained placenta in women previously delivered by Caesarean section: a population-based cohort study  
*M. Granfors (Sweden)*

11:41 Discussion

11:44 **OC30.06** Proposal for ultrasound staging of placenta accreta spectrum disorders  
*F. D'Antonio (Norway)*

11:49 Discussion

11:52 **OC30.07** Comparison of the diagnostic value of sonography and MRI in patients with abnormally invasive placenta  
*T. Makukhina (Russian Federation)*

11:57 Discussion

10:45-12:05 **Fetal anomalies: lungs and infections**  
*Estrel Hall (A+B)*  
*Chairs: M. Herrera (Colombia); R. Cruz-Martinez (Mexico)*

10:45 **INVITED** Diagnosis and management of fetal lung anomalies  
*C. Berg (Germany)*

11:05 **OC31.01** Measurement of pulmonary vascular volume using virtual reality three-dimensional ultrasound in fetuses with left-sided congenital diaphragmatic hernia  
*N. Peters (Netherlands)*

11:10 Discussion

11:13 **OC31.02** Evaluation of cortical development by fetal MRI in fetuses with congenital diaphragmatic hernia between 26–29 weeks of gestation  
*M. Aertsen (Belgium)*
11:18 Discussion

11:21 **OC31.03** Prediction of postnatal outcome in fetuses with a congenital lung malformation: a two-year follow-up study  
*N. Peters (Netherlands)*

11:26 Discussion

11:29 **OC31.04** The utility of fetal MRI for the screening of functional pulmonary hypoplasia  
*J. Sakuma (Japan)*

11:34 Discussion

11:37 **OC31.05** Fetal liver volume assessment using magnetic resonance imaging in fetuses with CMV infection  
*A. Hawkins (Spain)*

11:42 Discussion

11:45 **OC31.06** A multicentre study to predict neonatal survival according to lung-to-head ratio and liver herniation in fetuses with left congenital diaphragmatic hernia: hidden mortality from the Latin American CDH Study Group Registry  
*R. Cruz-Martinez (Mexico)*

11:50 Discussion

11:53 **OC31.07** Influence of maternal HIV-infection on fetal thymus size  
*M. Falkenberg (Germany)*

11:58 Discussion

**12:10-13:00** Short oral presentation (OP)  
**OP18** Ultrasound in early pregnancy and reproductive medicine  
*Chairs: C. Brezinka (Austria); M. Al-Memar (United Kingdom)*

12:10-12:50 Short oral presentations (OP)  
**OP19** Placenta accreta spectrum  
*Chairs: J. Hyett (Australia); F. Chantraine (Belgium)*

**OP20** Diagnosis of fetal abnormalities  
*Chairs: J.A. Copel (United States); C. von Kaisenberg (Germany)*

**12:45-14:15** Lunch and e-poster viewing

13:00-14:00 Industry sponsored satellite symposia

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### Workshop: Abnormally invasive placenta

**Chairs:** F. Chantraine (Belgium); W. Henrich (Germany)

<table>
<thead>
<tr>
<th>Time</th>
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<th>Speaker(s)</th>
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<tbody>
<tr>
<td>14:15</td>
<td><strong>LIVE SCAN</strong> Abnormally invasive placenta [industry supported] TBC</td>
<td>W. Henrich (Germany)</td>
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<tr>
<td>14:30</td>
<td>Epidemiology and basics</td>
<td>F. Chantraine (Belgium)</td>
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<tr>
<td>14:45</td>
<td>Screening in the first trimester?</td>
<td>F. D’Antonio (Norway)</td>
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<td>15:00</td>
<td>Correct staging by ultrasound is feasible</td>
<td>G. Cali (Italy)</td>
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<td>15:15</td>
<td>Evidence-based clinical management</td>
<td>S. Collins (United Kingdom)</td>
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<td>15:30</td>
<td>Conservative management: from the past to the future</td>
<td>L. Sentilhes (France)</td>
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### Workshop: Case discussions: using ultrasound to manage oncology patients

**Chairs:** A.C. Testa (Italy); W. Froyman (Belgium)

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<tr>
<td>14:15</td>
<td>Surgeons</td>
<td>J. Sehouli (Germany); C. Fotopoulou (United Kingdom)</td>
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<td>14:35</td>
<td>Ultrasound</td>
<td>D. Fischerová (Czech Republic); E. Epstein (Sweden)</td>
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<tr>
<td>14:55</td>
<td>Case presentations</td>
<td>A.C. Testa (Italy); W. Froyman (Belgium)</td>
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<td>15:25</td>
<td>Discussion</td>
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### Workshop: Late FGR and stillbirth

**Chairs:** C. Lees (United Kingdom); K. Hecher (Germany)

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<tr>
<td>14:15</td>
<td>Distinguishing FGR from SGA at term</td>
<td>F. Figueras (Spain)</td>
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<tr>
<td>14:35</td>
<td>Evidence-based management of late FGR</td>
<td>T. Stampalija (Italy)</td>
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<tr>
<td>14:55</td>
<td>Late FGR and stillbirth: how strong is the relationship?</td>
<td>L. Poon (Hong Kong)</td>
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15:15  Cerebral redistribution: data from the TRUFFLE 2 feasibility study  
C. Lees (United Kingdom)

15:35  Discussion

15:50-17:00  Closing plenary:  
The power of ultrasound  
Chairs: C.M. Bilardo (Netherlands); A. Cameron (United Kingdom)

15:50  INVITED  The power of ultrasound in animals  
T. Hildebrandt (Germany)

16:15  Awards presentation: top abstract, Young Investigator and best in category  
L.J. Salomon (France); D. Timmerman (Belgium)

16:25  The power of ultrasound: challenge the 2018 champion – top images  
from top experts  
S. Meagher (Australia); H. Werner (Brazil); H. Shah (United Kingdom); J. Bault (France); L. Savelli (Italy)

16:50  Discussion and voting

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## Hubs

### 08:15-09:15
**Interactive Hubs**
- ISUOG Basic Training series III  
  *Chair: R. Abu-Rustum (United States)*

In conversation with F. Ushakov: early neurosonography  
– fetal CNS at 11–13 weeks

### 09:40-10:20
**Poster discussions (P)**
- P16: Novel technology, training and safety  
  *Chairs: A. Gagnon (Canada); H. Feltovich (United States)*
- P17: Fetal disease III  
  *Chairs: G.E. Chalouhi (France); E. Contro (Italy)*
- P18: MRI and neurosonography  
  *Chairs: D. Pugash (Canada); G. Kasprian (Austria)*

### 10:45-11:45
**Interactive Hubs**
- In conversation with C. Lees: bring your own challenging Doppler cases – interpretation and management

Russian-speaking ultrasound specialists community  
*Chair: F. Ushakov (United Kingdom)*

In conversation with F. Da Silva Costa: how to set up a first trimester screening for pre-eclampsia – a global perspective

### 10:45-12:45
**Interactive**
- Presence of WATOG in ISUOG: MFM education  
  *Chairs: TBC*

### 12:10-12:50
**Poster discussions (P)**
- P19: Preterm birth and the placenta  
  *Chairs: A. Sotiriadis (Greece); H. Feltovich (United States)*
- P20: Rare and interesting cases of congenital heart defects  
  *Chairs: P. Acharya (India); J. Ochoa (Argentina)*