Friday 15 September 2017

08:00 - 18:00  Modern obstetric management: the latest updates  Hall N2

*Chairs: A. Tabor (Denmark); M. Norton (United States)*

08:00  Introduction  
* A. Tabor (Denmark)  

08:15  Adverse obstetric outcomes: does prediction really matter?  
* M. Norton (United States)*  

09:00  Early prediction and prevention of pre-eclampsia  
* L. Poon (Hong Kong)*  

09:30  Point of care testing in hypertensive disease of pregnancy  
* S. Verlohren (Germany)*  

10:00  Can we improve on prediction of preterm birth?  
* H. Feltovich (United States)*  

10:30 - 11:00  Coffee  

*Chairs: M. Norton (United States); H. Feltovich (United States)*  

11:00  Evidence-based prevention of preterm birth in high-risk women (including twins)  
* R. Romero (United States)*  

11:45  How ultrasound and biomarkers can work together to predict adverse pregnancy outcomes  
* G. Smith (United Kingdom)*  

12:15  Future biomarker discovery: distinguishing cause, consequence and pathway  
* B. Thilaganathan (United Kingdom)*
12:45 - 13:55  Lunch

*Chairs: R. Romero; L. Wilkins-Haug (United States)*

13:55  Fetal DNA in maternal blood to predict complications: the ultimate biomarker?
*M. Norton (United States)*

14:40  Screening for chromosomal abnormalities using cell-free DNA: latest updates
*A. Tabor (Denmark)*

15:25 - 15:55  Coffee

*Chairs: A. Tabor (Denmark); L. Wilkins-Haug (United States)*

15:55  First trimester scan is still useful in the era of cffDNA
*R. Chaoui (Germany)*

16:25  Expanding the reach of genetic carrier screening: sequencing for single gene disorders and exome testing: who benefits, what are the cautions?
*L. Wilkins-Haug (United States)*

16:55  Understanding NIPT in practice: interpreting difficult clinical situations through case-based discussions
*B. Thilaganathan (United Kingdom)*

17:25  Genetic disease in twins: unique aspects and management
*L. Wilkins-Haug (United States)*

17:55  Closing comments
*A. Tabor (Denmark)*
08:30 - 16:45  Fetal anatomy: normal or abnormal? The Basic Training approach  Room 1.86

Chairs: T. Chudleigh (United Kingdom); T. Cohen-Overbeek (Netherlands)

08:30 Introduction to ISUOG’s 4 day basic training programme  R. Abu-Rustum (Lebanon)

08:45 Pre-course test  T. Cohen-Overbeek (Netherlands)

From the long axis of the fetus to the TCD

09:00 The 20 planes approach to the routine mid-trimester scan  T. Chudleigh (United Kingdom)

09:30 Evaluating fetal anatomy from longitudinal sections  T. Cohen-Overbeek (Netherlands)

10:00 Distinguishing between normal and abnormal appearances of the skull and brain  S. Seshadri (India)

10:30 - 11:00 Coffee

From the TCD to the AC

11:00 Obtaining and interpreting heart views correctly  A. Abuhamad (United States)

11:45 Assessing the neck and chest  G. Chalouhi (France)

12:15 - 13:15 Lunch

From the AC to the FL

13:15 Examining the abdomen and anterior abdominal wall  A. Johnson (United States)

13:45 Distinguishing between N and Ab appearances of the urinary tract
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S. Seshadri (India)

From the FL to the extremities and finally the face

14:15  Distinguishing between normal and abnormal appearances of the long bones and extremities
       G. Chalouhi (France)

14:45 - 15:15  Coffee

Examining the upper lip, face and profile
   T. Chudleigh (United Kingdom)

Evaluating the scan findings

15:45  Making a decision: normal or not? Interactive discussion (including delegate cases)
       T. Cohen-Overbeek (Netherlands)

16:15  Post-course test and speaker discussion
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09:00 - 17:45 Essentials in fetal MRI: methods and brain imaging

Chairs: D. Prayer; P.C. Brugger (Austria)

09:00 Introduction to the course and the fetal MRI certification
D. Prayer (Austria)

09:15 Basic methods of fetal MRI: tips and tricks
P.C. Brugger; F. Stuhr (Austria)

09:45 Advanced application of fetal MRI including application of contrast media
A. Millischer (France)

10:15 3T or 1.5T which field strength is more appropriate for fetal MRI?
P.C. Brugger; D. Prayer (Austria)

10:45 - 11:15 Coffee

Chairs: D. Prayer (Austria); D. Pugash (Canada)

11:15 Normal supratentorial fetal brain development: ultrasound and MRI
D. Pugash (Canada); L. Guibaud (France)

12:00 Abnormal development of cerebral commissures: ultrasound and MRI
D. Paladini (Italy), G. Kasprian (Austria)

12:45 - 13:45 Lunch

Chairs: D. Prayer; G. Kasprian (Austria)
13:45 The fetal normal and pathological posterior fossa: ultrasound and MRI
L. Guibaud (France) G. Kasprian (Austria)

14:30 Lissencephalies ultrasound and MRI
D. Paladini (Italy) C. Mitter (Austria)

15:00 Ventriculomegaly and the FLAIR sequence: is it helpful?
M. Cardoso Diogo (Portugal)

15:15 Acquired brain anomaly: ultrasound and MRI
D. Pugash (Canada) D. Prayer (Austria)

15:45 - 16:15 Coffee
Chairs: D. Prayer (Austria) L. Guibaud (France)

16:15 Postmortem MRI: when, why and how?
G.M. Gruber (Austria)

16:45 Brain malformation: ultrasound and MRI of complex syndromes
All speakers

17:15 What would you have done? Interactive case session
All speakers
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Saturday 16 September 2017

08:30 - 09:50  Plenary: Keynote lectures: Blood flow, air flood and going with the flow
Chairs: C. Brezinka; D. Prayer (Austria)

08:30  Welcome from the ISUOG President
J.A. Copel (United States)

08:35  How you got to Vienna using the Doppler effect
H. Härting (Austria)

09:00  Small babies, large babies and older mothers: when shall we induce?
J. Thornton (United Kingdom)

09:25  The mechanisms of angiogenesis in cancer development and potential therapeutic targets
P. Carmeliet (Belgium)

09:50 - 10:35  ISUOG AGM

10:35 - 11:00  Coffee and e-poster viewing (EP)

11:00 - 12:15  Plenaries and top abstracts
Chairs: D. Timmerman (Belgium); A.T. Papageorghiou (United Kingdom)

11:00  Stuart Campbell lecture: Zika virus intrauterine infection causes fetal brain abnormality and microcephaly: tip of the iceberg?
G. Malinger (Israel)

11:25  Risk of complications in conservatively managed adnexal masses initially thought to be benign at subjective impression by the ultrasound examiner
OC01.01
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W. Froyman¹; C. Landolfo¹; B. De Cock¹; L. Wynants¹; L. Valentin²; P. Sladkevicius²; A.C. Testa³; R. Fruscio³; E. Epstein³; C. Van Holsbeke¹; A. Czekierdowski⁴; M.D. Bernardo⁵; D. Franchi⁶; J. Alcazar⁶; T. Bourne⁷; M.J. Kudla⁴; V. Chiappa⁵; F. Leone⁵; F. Buonomo⁵; L. Hochberg⁵; F. Rizzello⁵; S. Guerriero⁵; J.Y. Verbake⁵; B. Van Calster¹; D. Timmerman¹
¹(Belgium); ²(Sweden); ³(Italy); ⁴(Poland); ⁵(Portugal); ⁶(Spain); ⁷(United Kingdom); ⁸(United States)

11:32 Discussion
11:35 How to estimate the degree of bowel stenosis in patients with colorectal endometriosis? S. Ferrero; C. Scala; F. Laraud; U. Leone Roberti Maggiore; F. Barra; P.L. Venturini; C. Stabilini; E. Biscaldi; V. Vellone (Italy)
OC01.02

11:42 Discussion
11:45 Incidence of stillbirth is increased in familial LQTS: a retrospective study from 8 international centres B. Cuneo¹; H. Swan²; S. Clur³; A. Winbo⁴; K. Haugaa³; S. Etheridge¹; P. Schwartz⁶; M. Ackerman¹; H. Isberg¹; B.D. Woodrow¹
¹(United States); ²(Finland); ³(Netherlands); ⁴(Sweden); ⁵(Norway); ⁶(Italy)
OC01.03

11:52 Discussion
11:55 Aspirin versus placebo in pregnancies at high-risk of preterm pre-eclampsia: a multicentre, double-blind, placebo-controlled trial D.L. Rolnik¹; D. Wright¹; L. Poon¹,²; N. O’Gorman¹; A. Syngelaki¹; C. de Paco Matallana¹; R. Akolekar¹; S. Cicero¹; D. Janga¹; M. Singh¹; F. Molina³; N. Perisco³; J. Jan³; W. Plasençia³; G. Papaioannou³; K. Tennebaum Gavish³; H. Meiri³; S. Gizurarson³; K.H. Nicolaides³
¹(United Kingdom); ²(Hong Kong); ³(Spain); ⁴(Italy); ⁵(Belgium); ⁶(Greece); ⁷(Israel); ⁸(Iceland)
OC01.04

12:02 Discussion
STRIDER UK: a randomised controlled trial of sildenafil therapy in dismal prognosis early-onset intrauterine growth restriction
A. Sharp; M. Turner; E. Johnstone; A. Khalili; A.T. Papageorghiou; P. Baker; L. Kenny; Z. Alfivric
1(United Kingdom); 2(Republic of Ireland)

Discussion

12:15 - 13:45  Lunch and e-poster viewing (EP)

12:15 - 13:15  Industry sponsored satellite symposia*

Workshop: How to systematically describe adenomyosis and endometriosis and how this helps the surgeon
Chairs: G. Hudelist (Austria); G. Condous (Australia)

How accurate is ultrasound for the diagnosis of bowel endometriosis
G. Hudelist (Austria)

How to predict the level of complexity of laparoscopic surgery for endometriosis using ultrasound
G. Condous (Australia)

A systematic approach to examining women with suspected endometriosis: the IDEA consensus
L. Valentin (Sweden)

How do you diagnose adenomyosis and how does it relate to symptoms?
D. Jurkovic (United Kingdom)

Live scan [industry supported]
G. Hudelist (Austria)
13:45 - 15:05  Workshop: New approaches to fetal growth: which should I use?  
Hall A  
**Chairs:** A. Baschat (United States); J. Thornton (United Kingdom)

13:45  International standards ensuring continuity of care from conception to infancy  
_A.T. Papageorghiou_ (United Kingdom)

14:00  The World Health Organization fetal growth charts: a multinational longitudinal study  
_T. Kiserud_ (Norway)

14:15  The rationale for customised approach  
_J. Gardosi_ (United Kingdom)

14:30  Size charts versus growth velocity versus functional parameters: understanding limitations of our tests  
_G. Smith_ (United Kingdom)

14:45  Discussion

13:45 - 15:05  Workshop: Safe ultrasound-assisted vaginal deliveries  
Hall E  
**Chairs:** G. Visser (Netherlands); T.M. Eggebø (Norway)

13:45  Consequences of vaginal delivery  
_H.P. Dietz_ (Australia)

14:00  Women are designed to deliver vaginally and not by Caesarean section  
_G. Visser_ (Netherlands)

14:15  Assisted vaginal delivery in middle and low resource countries  
_T.M. Eggebø_ (Norway)

14:30  Is it important to know fetal position?
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T. Ghi (Italy)

14:45 Ultrasound-assessed fetal station before vacuum extraction
T.M. Eggebe (Norway)

15:00 Discussion

13:45 - 15:05 Workshop: MRI: it's not just for heads anymore!
Hall B

Chairs: D. Prayer (Austria); S. Laifer-Narin (United States)

13:45 Fetal body MRI
D. Prayer (Austria)

14:05 Spectrum of fetal teratomas head to toe
S. Laifer-Narin (United States)

14:25 Congenital heart disease: where to look with MRI
G. Kasprian (Austria)

14:45 MRI in genitourinary malformations
A. Millischer (France)

15:05 - 15:30 Coffee and e-poster viewing (EP)

15:30 - 17:30 Awards and plenaries
Hall A

Chairs: T. Bourne (United Kingdom); J.A. Copel (United States)

15:30 Cell-free DNA: from prenatal screening to molecular diagnosis of cancer
D. Lo (Hong Kong)

15:55 Big multicentre trials and gynecology ultrasound: how research can change clinical practice
D. Timmerman (Belgium)

16:20 The brave new world of therapies: gene editing
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and beyond
M. Norton (United States)

16:45 Presentation and acceptance of the Ian Donald Gold Medal 2017 to G.R. DeVore
J.A. Copel (United States)

16:55 Presentation and acceptance of the Ian Donald Technical Development Award 2017 to G. Ter Haar
K. Maršál (Sweden, S. Eik-Nes (Norway)

17:05 Introduction of D. Rabinovici
D. Prayer (Austria)

17:10 Eichmann's Jews: the Jewish administration of holocaust Vienna
D. Rabinovici (Austria)

17:30 - 18:00 Opening ceremony Hall A

18:00-19:30 Welcome reception
Sunday 17 September 2017

07:30 - 08:10 Masterclasses:

Stillbirth: predictable, preventable?  
_G. Smith_ (United Kingdom)  
Hall A

The heart of the matter (Ian Donald Gold Medal lecture)  
_G.R. DeVore_ (United States)  
Hall E

Evaluating the endometrium from fertility to menopause  
_T. Van den Bosch_ (Belgium)  
Hall F

What RCT’s can and can't tell us  
_J. Thornton_ (United Kingdom)  
Hall B

08:15 - 09:15 Interactive hub  
L3 & L6

In conversation with B.R. Benacerraf  
(United States)  
Gynecology cases: tips and tricks  
Hub 1

Special interest group (SIG): Heart  
Hub 3

08:15 - 09:15 Fetal growth: consequences of being too big or too small  
Chairs: A.T. Papageorghiou (United Kingdom); E. Krampl-Bettelheim (Austria)  
Hall A

08:15 Live scan: updates – optimal evaluation of fetal
growth and size [industry supported]

*W. Lee (United States)*

08:35  Short-term fetal cardiovascular effects of maternal betamethasone versus dexamethasone: nested study from the blinded, randomised ASTEROID trial

*A. Henry¹; A. Mahajan¹; C. Crowther¹; A. Shand¹; L. Roberts³; A. Lainchbury¹; A.W. Welsh¹,²¹(Australia); ²(New Zealand)*

08:40  Discussion

08:43  Distal right coronary arterial flow in growth-restricted fetuses: a feasible sign of heart-sparing effect with reserved heart function?

*S. Miyashita; K. Tada; M. Watanabe; K. Kiuchi; E. Motegi; H. Watanabe; I. Fukasawa (Japan)*

08:48  Discussion

08:51  Small head circumference at the 2nd trimester anomaly scan following a normal 1st trimester screening: association to chromosomal anomalies and adverse outcome

*N. Lund; P. Sandager; I. Vogel; O.B. Petersen (Denmark)*

08:56  Discussion

08:59  MR-based brain volumetry in fetuses with congenital diaphragmatic hernia

*F. Prayer; G. Kasprian; G.M. Gruber; D. Bettelheim; M. Weber; D. Prayer; P.C. Brugger (Austria)*

09:04  Discussion

09:07  Cardiometabolic biomarkers are associated with fetal overgrowth and adiposity

*C.M. O’Brien; R. Grivell; A. Deussen; J. Louise; J. Dodd (Australia)*

09:12  Discussion
08:15 - 09:15  Fetal heart: breaking news  Hall E

Chairs: J.A. Copel (United States); K. Maršál (Sweden)

08:15  Fetal heart: just images  
R. Chaoui (Germany)

08:35  Abnormal cardiovascular 24-segment sphericity index of the right and left ventricles in fetuses with growth restriction  
G.R. DeVore; M. Zaretsky; D. Gumina; J. Hobbins (United States)

08:40  Discussion

08:43  Prenatal detected isolated right aortic arch: insignificant or significant knowledge?  
V. Gjørup; E. Hoseth; O.B. Petersen (Denmark)

08:48  Discussion

08:51  Annular plane systolic excursion z-score in evaluation of heart systolic function of fetus with heart failure  
X. Guo (China)

08:56  Discussion

08:59  Fetal cardiac tumour: genomic sequencing, echocardiography characteristics, clinical manifestations and outcomes  
X. Gu¹; Y. Zhang¹; J. Han¹; J. Chen¹; S. Ge²; Y. He¹  
¹(China); ²(United States)

09:04  Discussion

09:07  Mitochondrial toxicity and fetal cardiac remodelling in HIV-infected pregnancies  
F. Crispi; M. Lopez; A. Goncé; L. García-Otero; M. Guiltart-Mampel; B. Valenzuela-Alcaraz; C. Morén; G. Garrabou; E. Gratacós (Spain)

09:12  Discussion
### Imaging, reproductive medicine and IVF

**Hall F**

**08:15 - 09:15**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>08:15</td>
<td>What is the prevalence and clinical relevance of adhesions and other focal intrauterine pathology?</td>
<td>D. Jurkovic (United Kingdom)</td>
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<tr>
<td>08:35</td>
<td>Endometrial biopsy prior to IVF impacts on the ultrasound appearance of the endometrium at oocyte retrieval</td>
<td>L. Polanski; M. Baumgarten; B. Campbell; S. Quenby; J. Brosens; N.J. Raine-Fenning (United Kingdom)</td>
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<tr>
<td>08:40</td>
<td>Discussion</td>
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<td>08:43</td>
<td>Follicular flushing does not improve pregnancy rates in women undergoing oocyte retrieval for IVF: a systematic review and meta-analysis</td>
<td>W.P. Martins; V.S. Prado; M.M. Barbosa; C.O. Nastri (Brazil)</td>
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<tr>
<td>08:48</td>
<td>Discussion</td>
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<tr>
<td>08:51</td>
<td>The effect of melatonin on ultrasound markers of follicular development: a double-blind placebo-controlled randomised trial</td>
<td>S. Fernando; L. Rombauts; E. Wallace; N. White; J. Hong; F. da Silva Costa (Australia)</td>
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<tr>
<td>08:56</td>
<td>Discussion</td>
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<td>08:59</td>
<td>Septate uterus by ESHRE-ESGE and ASRM classification: association with infertility and previous miscarriage</td>
<td>A. Ludwin¹; I. Ludwin¹; C.O. Nastri²; W.P. Martins²¹ (Poland); ² (Brazil)</td>
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<tr>
<td>09:04</td>
<td>Discussion</td>
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<td>09:07</td>
<td>Pelvic ultrasonography of patients awaiting</td>
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uterine transplantation: the UK cohort
S. Saso; M. Al-Memar; B. Jones; T. Bracewell-Milnes; M. Thum; J. Yazbek; J. Smith; T. Bourne (United Kingdom)

09:12 Discussion

09:20 - 10:00 Short oral presentations (OP)

OP01: Placental and maternal factors in IUGR
Chairs: F. Figueras (Spain); L. Impey (United Kingdom) Hall A

OP02: Fetal cardiac function
Chairs: F. Crispi (Spain); S. Yagel (Israel) Hall E

OP03: Using ultrasound to solve old and diagnose new problems in reproductive medicine
Chairs: C Brezinka (Austria); N.J. Raine-Fenning (United Kingdom); B. Toth (Austria) Hall F

OP04: Fetal anomalies: from the diaphragm up
Chairs: A. Odibo (USA); P. Sladkevicius (Sweden) Hall B

09:20 - 10:00 Poster discussion hubs (P)

P01: Preterm birth: maternal and fetal assessment
Chair: H. Feltovich (United States) Hub 1

P02: New tools to evaluate the fetal brain and CNS
Chair: J. Deng (United Kingdom) Hub 2

P03: Clinical consequences of abnormal placentation
Hub 3
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Chair: B. Tutschek (Switzerland)

09:20 - 10:00 Interactive hub L3 & L6

The gynecology oncology case discussion meeting: oncology surgeons and ultrasound specialists discuss cases where imaging impacts management decisions
Chairs: C. Fotopoulou (Germany)

09:50 - 10:20 Coffee and e-poster viewing (EP)

10:20 - 11:20 Fetal structural abnormalities Hall A
Chairs: S. Yeo (Singapore); H. Steiner (Austria);

10:20 Live scan: how I perform a mid-trimester scan [industry supported]
K.O. Kagan (Germany)

10:40 Malformation or acquired lesion?
D. Covini¹; M. Cardoso Diogo²; G. Kasprian³;
P.C. Brugger²; G.M. Gruber³; D. Bettelheim³; M.
Weber³; D. Prayer³
¹(Argentina); ²(Portugal); ³(Austria)

10:45 Discussion

10:48 Fetal urine biochemistry in prediction of long-term (10–30 years of age) postnatal renal function in posterior urethral valves
S. Dreux; A. Moussy-Durandy; F. Patin; R. Favre;
S. Lortat-Jacob; L.J. Salomon; A. El Ghoneimi; J.
Oury; G. Deschennes; Y. Ville; L. Heidet; F.
Muller (France)

10:53 Discussion

10:56 Comparison of biochemistry analysis in fetal serum and fetal urine in the prediction of postnatal renal outcome in low urinary tract

OC05.01

OC05.02

OC05.03
obstruction
E. Spaggiari; J. Stirnemann; S. Benedetti; S. Dreux; L.J. Salomon; J. Oury; Y. Ville; F. Muller
(France)

11:01 Discussion

11:04 Phenotypical spectrum of 4 antenatal diagnosed cases of MOPD type 1
V. Moramarco; M. Delrue; A. Labrecque; F. Rypens; S. Wavrant; C. Fallet-Bianco (Canada)

11:09 Discussion

11:12 Prenatal diagnosis by ultrasound and amniocentesis in a single centre cohort of 1065 pregnancies complicated by maternal toxoplasma infection
L. Masini; M. De Santis; M. Apicella; G. Noia; R. Santangelo; D. Speziale; A. Lanzone; P. Valentini (Italy)

11:17 Discussion

10:20 - 11:20 Brain anomalies: challenges in diagnosis and counselling
Hall E

Chairs: A. Toi (Canada); E. Hafner (Austria)

10:20 Role play: counselling and corpus callosum agenesis in practice
Counsellor: L.D. Platt (United States)
Father & Mother: A. Toi; D. Pugash (Canada)

10:40 Development of normal fetal brain structures: international standards based on ultrasound measurements from the INTERGROWTH-21st Project
V. Donadono¹; R. Napolitano¹; E.O. Ohuma¹; M. Molloholli²; S.Z. Wanyonyi³; B. Kemp¹; A. Cavallaro¹; M. Yaqub¹; S.T. Ash¹; Y.A. Jaffer²; D.G. Altman¹; J.A. Noble¹; E. Bertino³; M.G.
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Gravett¹; M. Purwar²; R. Pang³; F.C. Barros⁴; M. Carvalho⁵; J. Villar⁶; S. Kennedy⁷; A.T. Papageorghiou⁸¹(United Kingdom); ²(Sultanate of Oman); ³(Italy); ⁴(United States); ⁵(India); ⁶(China); ⁷(Brazil); ⁸(Kenya)

10:45 Discussion

10:48 Prenatal diagnosis of brainstem anomalies: phenotypic spectrum and neuroimaging features

K.K. Haratz¹; Z. Leibovitz¹; P.S. Oliveira²; L. Gindes¹; N. Raz¹; L. Dafna¹; M. Tamarkin¹; Y. Shalev¹; G. Malinger¹; L. Schreiber¹; D. Kidron¹; A. Arad¹; S. Egenburg¹; D. Lev¹; L. Ben-Sira¹; A.F. Moron²; G. Kasprian²; D. Prayer²; F. Viñals⁴; A. Fink⁵; G. McGillivray⁵; R. Leventer⁵; C. Garel⁶; A. Poretti⁷; T. Lerman-Sagie¹
¹(Israel); ²(Brazil); ³(Austria); ⁴(Chile); ⁵(Australia); ⁶(France); ⁷(United States)

OC06.02

10:53 Discussion

10:56 Reduced hippocampal volume in human fetal brains with agenesis of the corpus callosum revealed by magnetic resonance imaging

V. Knezović¹; A. Štajduhar¹; E. Schwartz²; D. Prayer²; M. Vukšić¹; G. Kasprian²
¹(Croatia); ²(Austria)

OC06.03

11:01 Discussion

11:04 MRI appearances of fetal temporal lobe abnormalities in skeletal dysplasias

C. Mitter; G.M. Gruber; U. Nemec; P.C. Brugger; I. Pogledic; J.A. Hainfellner; G. Kasprian; D. Prayer (Austria)

OC06.04

11:09 Discussion

11:12 Termination of pregnancy for central nervous system (CNS) anomalies

W. Dendas; B. De Keersmaecker; M. Aertsen; W. Develter; L. De Catte (Belgium)

OC06.05

11:17 Discussion
Workshop: Using ultrasound to help manage oncology patients
Chairs: C. Fotopoulou (Germany); A.C. Testa (Italy)

10:20 Chair
A.C. Testa (Italy)

10:20 Chair
C. Fotopoulou (United Kingdom)

10:20 Ultrasound as a key imaging modality in the management of all gynecologic cancers

10:40 To what extent does imaging make a difference to the oncology surgeon?
C. Fotopoulou (United Kingdom)

11:00 Imaging cervical and endometrial cancer – which modality and how imaging informs management
E. Epstein (Sweden)

11:20 How I use ultrasound to manage patients with ovarian cancer?
D. Fischerová (Czech Republic)

11:40 Discussion around two cases selected by Epstein and Fischerová
E. Epstein (Sweden)

Short oral presentation (OP)

OP05: Ultrasound meets MRI: form and function
Chairs: R. Abu-Rustum (Lebanon); W. Lee (United States)

Interactive hubs

In conversation with S. Goldstein: How do I use ultrasound to assess women with abnormal uterine bleeding?
Chair: S. Goldstein (United
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**WATOG: In conversation with trainees: exploring the doctor patient relationship**
*Chairs: T. Program (United Kingdom)*

Special interest group (SIG): 3D

**11:25 - 12:05** Short oral presentations (OP)

**OP06: Fetal growth: anatomy and measurements**
*Chairs: E.A. Hernandez-Andrade (United States); A. Odibo (USA)*

**OP07: Hot topics around the fetal brain**
*Chairs: R. Chaoui (Germany); C. Mitter (Austria)*

**OP08: Ultrasound and genetics**
*Chairs: L. Hui (Australia);*

**11:25 - 12:05** Poster discussion hubs (P)

**P04: Ultrasound in the labour ward I**
*Chair: A. Gagnon (Canada)*

**P05: Pre-eclampsia**
*Chair: L. Poon (Hong Kong)*

**P06: Fetal echocardiography I**
*Chair: J.S. Carvalho (United Kingdom)
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P07: Using ultrasound in urogynecology patients
Chair: A. Youssef (Italy)

12:00 - 13:30 Lunch and e-poster viewing (EP)

12:15 - 13:15 Industry sponsored satellite symposia

12:20 - 13:20 Interactive hubs L3 & L6

In conversation with A. Testa (Italy): Diagnosing less common types of ovarian tumor Chair: A.C. Testa (Italy)

In conversation with ISUOG and FIGO: what is the trouble with established techniques and technologies in underserved regions?
Chairs: A. Johnson (United States); G. Visser (Netherlands)

Special interest group (SIG) MRI

In conversation with B. Van Calster and J. Stirnemann: statistics for clinical fellows
Chair: B. Van Calster (Belgium); J. Stirnemann (France)

13:30 - 14:30 Workshop: Fetal echocardiography: complexity made simple
Chairs: R. Romero (United States); L. Yeo (United States)

13:30 Live scan: FINE: novel features with value in clinical practice [industry supported]
L. Yeo (United States)
How to acquire fetal cardiac volumes and determine their appropriateness for analysis: tips and tricks

*L. Yeo (United States)*

Clinical implementation of the FINE method

*J. Weichert (Germany)*

Interactive case examples: normal fetal hearts and challenging cases of fetal congenital heart disease analysed by FINE and colour Doppler FINE

*C. Lees (United Kingdom)*

*Y. Ville (France)*

**13:30 - 14:30 From poor placentation to pre-eclampsia**

*Chairs: W. Arzt (Austria); A. Khalil (United Kingdom)*

Debate: early screening for pre-eclampsia is a waste of money in the era of the sphygmomanometer

*Against: J. Hyett (Australia)*

*Rebuttal (speaker 1)*

*Rebuttal (speaker 2) – Vote*

Pre-conception maternal hemodynamics is associated with subsequent development of pre-eclampsia (PE) or intrauterine growth restriction (IUGR)

*L. Foo*; G. Masini; C. McEniery; I.B. Wilkinson; P. Bennett; C. Lees;

*1 (United Kingdom); 2 (Italy)*

*OC07.01*

Discussion

Multicentre screening for pre-eclampsia by maternal factors and biomarkers at 11–13 weeks’

*OC07.02*
gestation: comparison to NICE guidelines and ACOG recommendations
N. O’Gorman1; D. Wright1; L. Poon2; D.L. Rolnik3; A. Syngelaki1; M. De Alvarado1; F. Carbone4; V. Dutemeyer5; M. Fiolna1; A. Frick1; N. Karagiotsi1; S. Mastrodima1; C. de Paço Matallana6; G. Papaioannou1; A. Pazos6; W. Plasencia6; K.H. Nicolaides1
1(United Kingdom); 2(Hong Kong); 3(Australia); 4(Italy); 5(Belgium); 6(Spain); 7(Greece)

14:03 Discussion

Identification of women remaining at high risk of pre-eclampsia after aspirin initiation in the first trimester of pregnancy
C. Gasse; A. Boutin; S. Demers; S. Tapp; G. Blanchet; E. Bujold (Canada)

14:11 Discussion

Pregnancy outcome in women with raised uterine artery Doppler in the second trimester
A. Kaelin Agen; K. Leslie; A. Khalil; A.T. Papageorghiou; B. Thilaganathan; A. Bhide (United Kingdom)

14:19 Discussion

Maternal cardiac function in patients with mild and severe pre-eclampsia compared with normal pregnant women
T. Yamada; K. Shimizu; T. Takeda; K. Uno; S. Tano; M. Yoshihara; M. Mayama; M. Ukai; T. Harata; Y. Kishigami; H. Oguchi (Japan)

14:27 Discussion

Miscarriage, ectopic pregnancy, PUL and other complications in early pregnancy
Hall F

13:30 - 14:30

How do we advise women with pain and bleeding
in early pregnancy regarding the immediate and long-term outcome of the pregnancy?

M. Al-Memar (United Kingdom)

13:42
Evaluating the ultrasound diagnostic criteria for non-viable first trimester pregnancies

A. Alabousi; J. Addas; P. Abdullah; M. Atri (Canada)

13:47
Discussion

13:50
Ultrasound diagnosis of molar pregnancy

A.M. Unipan; J.A. Ross; H. Mehra; L. Ferrara; A. Graham; J. Clarke; C. Magee; J. Johns (United Kingdom)

13:55
Discussion

13:58
A randomised controlled trial comparing misoprostol to expectant care in early pregnancy failure

A. Fernlund; L. Jokubkiene; P. Sladkevicius; L. Valentin (Sweden)

14:03
Discussion

14:06
Local versus systemic methotrexate in uterine ectopic pregnancies

S. Schwab; M. Koch; C. De Gier; N. Hoeschler; Y.T. Bader; S. Helmy (Austria)

14:11
Discussion

14:14
Rates of spontaneous pregnancy loss and ovulation-implantation interval within a prospective pre-conception cohort

L. Foo; S. Johnson; J. Tay; G. Masini; P. Bennett; C. Lees (United Kingdom); (Italy)

14:19
Discussion

14:22
Association of vaginal microbiota composition and outcomes in women found to have a pregnancy of unknown location (PUL) on an initial early pregnancy ultrasound scan

S. Bobdiwala; M. Al-Memar; Y. Lee; A. Smith;
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J. Marchesi¹; P. Bennett¹; T. Bourne¹²; D. MacIntyre¹
¹(United Kingdom); ²(Belgium)

14:27 Discussion

13:30 - 14:30 Interactive hubs L3 & L6

In conversation with H.P Dietz: How to examine the pelvic floor with ultrasound
Chair: H.P. Dietz (Australia)

Starting from the top: the importance of political will in running an Outreach program Chair: G. Di Renzo (Italy)

Join the conversation: aspirin in pre-eclampsia
Chair: F. da Silva Costa (Australia)

Join the conversation: how to properly design a study
Chairs: G. Smith; J. Thornton (United Kingdom)

14:35 - 15:15 Short oral presentations (OP)

OP09: Detection of fetal heart anomalies I
Chairs: J.S. Carvalho (United Kingdom); E. Mlczochn (Austria)

OP10: Babies born too early or too small
Chairs: H. Feltovich (United States); C. Wohlmuth (Austria)

OP11: Complications in early pregnancy: using imaging and biomarkers to provide new insights
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Chairs: E. Kirk (United Kingdom); I. Timor-Tritsch (United States)

**OP12: Screening**
Chairs: M. Herrera (Colombia); J. Miller (United States)  
Hall B

14:35 - 15:15  
Poster discussion hubs (P)  
L3 & L6

**P08: Fetal growth**  
Chair: G. Rizzo (Italy)  
Hub 1

**P09: Head, neck and bones**  
Chair: P. Acharya (India)  
Hub 2

**P10: Placenta, umbilical cord and amniotic fluid**  
Chair: T. Cohen-Overbeek (Netherlands)  
Hub 3

**P11: Using ultrasound to characterise and help manage ovarian masses: experience of using the IOTA ADNEX model and simple rules**  
Chairs: T. Bourne (United Kingdom); D. Timmerman (Belgium)  
Hub 4

15:10 - 15:40  
Coffee and e-poster viewing (EP)

15:40 - 17:00  
Workshop: IUGR management after the TRUFFLE trial: key messages  
Chairs: C. Lees (United Kingdom); G. Visser (Netherlands)  
Hall A

15:40  
Overview  
G. Visser (Netherlands)
15:55 Is MCA useful in severe early onset FGR?
E. A. Hernandez-Andrade (United States)

16:05 How is monitoring best achieved before 32 weeks?
K. Hecher (Germany)

16:15 Fetal heart monitoring: STV versus PRSA
S. Lobmaier (Germany)

16:25 Do steroids affect Dopplers and CTG?
C. Lees (United Kingdom)

16:35 Putting TRUFFLE in perspective
C. Lees (United Kingdom)

16:50 Discussion

15:40 - 17:00 Workshop: Abnormally invasive placenta
Hall E
Chair: L. J. Salomon (France); F. Chantraine (Belgium)

15:40 Optimal utilisation of ultrasound and MRI: when, which sign, how often?
S. Collins (United Kingdom)

15:55 Improving detection using MRI: does contrast add benefit?
A. Millischer (France)

16:10 A “centre of excellence” approach: how to set it up and what are the hurdles?
A. Bhide (United Kingdom)

16:25 I just opened this patient and found an unsuspected accreta: what shall I do?
O. Morel (France)

16:40 My answer in 5 minutes; planned caesarean hysterectomy in these women I Timor-Tritsch

16:45 My answer in 5 minutes on how to manage placenta accreta: just leave it all in
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L. Sentilhes (France)

16:50 My answer in 5 minutes on how to manage placenta accreta: take the placenta out but leave the uterus in A. Bhide (United Kingdom)

16:55 Audience Q&A

15:40 - 17:00 Workshop: The future of ultrasound for the detection of CNS anomalies after the MERIDIAN trial Chairs: G. Malinger (Israel); M. Sanz Cortes (United States)

15:40 The MERIDIAN study in the eyes of the radiologist

16:00 The MERIDIAN study in the eyes of the ultrasonologist D. Paladini (Italy)

16:20 Why I don't need MRI in my practice G. Malinger (Israel)

16:40 The additional value of MRI in current clinical practice M. Sanz Cortes (Spain)

15:40 - 17:00 Workshop: Difficult problems in early pregnancy: PUL, enhanced myometrial vascularity, diagnosing and managing Caesarean scar pregnancy Chairs: G. Condous (Australia); T. Bourne (United Kingdom)

15:40 Do we scan too many women too early? A practical validated approach to managing women with pregnancy of unknown location S. Bobdiwala (United Kingdom)
What should we do when we find enhanced myometrial vascularity?
T. Van den Bosch (Belgium)

Diagnosing Caesarean scar pregnancy: over the scar; into the scar? Can we link ultrasound features to prognosis yet?
I. Timor-Tritsch (United States)

Managing Caesarean scar pregnancy: is this a surgical problem in all cases?
D. Jurkovic (United Kingdom)

Case discussions
All speakers

15:40 - 16:40 Interactive hub

Patientengruppe und ultraschall auf Deutsch
Chair: C. Brezinka (Austria)
Monday 18 September 2017

07:30 - 08:10  Masterclasses

Fetal neurosonography: tips and tricks  
*R. Chaoui* (Germany)  
Hall A

New frontiers in preterm labour  
*R. Romero* (United States)  
Hall E

Management of fetal growth restriction in practice  
*E. Gratacós* (Spain); *A. Baschat* (United States)  
Hall F

Revising IOTA terms and definitions: case examples of how to classify ovarian masses – how I manage non-tubal ectopic pregnancies?  
*L. Valentin* (Sweden)  
Hall B

08:15 - 09:15 Abnormal fetal growth: causation, detection and long-term effects  
*Chairs: C.M. Bilardo* (Netherlands); *G. Tulzer* (Austria)  
Hall A

08:15  Physiological effects of IUGR  
*A. Baschat* (United States)  
OC09.01

08:25  Transgenerational effect of fetal growth restriction  
*A. Sepúlveda-Martínez*; *M. Rodríguez-Lopez*; *G. Casu*; *F. Paz-y-Miño*; *E. Gratacós*; *F. Crispi* (Spain)  
OC09.01

08:30  Discussion  
OC09.02

08:33  Maternal hemodynamics in SGA fetuses that turn to IUGR and the potential efficacy of treatment  
*G. Tiralongo*; *D. Lo Presti*; *G. Gagliardi*; *D.
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Farsetti; I. Pisani; C. Manicuti; B. Vasapollo; G. Novelli; H. Valensise (Italy)

08:38 Discussion

08:41 Pattern of placental stromal-vascular lesions in small fetuses with and without pre-eclampsia
C. Paules; L. Youssef; J. Miranda; A. Nadal; F. Crovetto; A. Peguero; F. Figueras; C. Rovira; F. Crispi; E. Gratacós (Spain)

OC09.03

08:46 Discussion

08:49 Ductus venosus waveforms in expectant management of early IUGR fetuses and risk of adverse neonatal outcome: a survival analysis
E. Cosmi1; S. Visentin1; A. Londero1; G. Mari2
1(Italy); 2(United States)

OC09.04

08:54 Discussion

08:57 The effect of introducing umbilical artery Doppler examination on the management of fetal growth restriction in a low-income country
B.K. Parmar1; T. Kiserud2
1(Nepal); 2(Norway)

OC09.05

09:02 Discussion

09:05 Placental ageing in term small-for-gestational age and growth-restricted fetuses
C. Paules; J. Miranda; A. Dantas; F. Crovetto; E. Eixarch; F. Crispi; E. Gratacós (Spain)

OC09.06

09:10 Discussion

08:15 - 09:15 The fetal brain exposed to Zika and CMV virus
Chairs: M. Herrera (Colombia); G. Kasprian (Austria)

08:15 From maternal infection to fetal brain lesion: the natural history of congenital infection
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**Y. Ville** (France)

08:35 **The Zika virus epidemic in French Guiana: proposition of an ultrasound-based score for the diagnosis of fetal congenital Zika virus syndrome**

*V. Lambert¹; L. Pomar²; G. Malinger²*

¹(French Guiana); ²(Israel)  

OC10.01

08:40 Discussion

08:43 **Prevalent and incident cases of CNS anomalies in fetuses of pregnant women with symptoms of ZIKV infection: ZEN Initiative, Bucaramanga, Colombia**

*L.A. Gutierrez; L.V. Jajardo; L.A. Diaz; C.H. Becerra; G.A. Contreras; L.A. Perez; M.A. Rojas (Colombia)*  

OC10.02

08:48 Discussion

08:51 **Additional prognostic value of third trimester MRI following reassuring mid-trimester assessment of congenital CMV infection**

*J. Stirnemann; B. Deloison; A. Millischer; L.J. Salomon; P. Sonigo; J. Magny; M. Leruez-Ville; Y. Ville (France)*  

OC10.03

08:56 Discussion

08:59 **The echogenic caudate nucleus: a sign for the identification of brain involvement in fetuses with CMV infection?**

*M. Brusilov; J. Har-Toov; Y. Salemnick; T. Borkowsky; R. Birnbaum; G. Malinger; I. Wolman (Israel)*  

OC10.04

09:04 Discussion

09:07 **Middle cerebral artery pulsatility index may predict fetal cerebral injury in pregnancy complicated by cytomegalovirus infection**

*S. Visentin; N. Gussetti; L. Marin; M.C. Bongiorno; E. Cosmi (Italy)*  

OC10.05

09:12 Discussion
08:15 - 09:15 Using ultrasound to characterise and help manage ovarian masses
Chairs: T. Bourne (United Kingdom); H. Koelbl (Austria)

08:15 Clinical utility of IOTA models, RMI and ROMA to refer patients with adnexal masses to specialised oncology care
L. Wynants1; D. Timmerman2; J.Y. Verbakel1,2; A.C. Testa1; L. Savelli2; D. Fischerová3; D. Franchi1; C. Van Holsbeke1; E. Epstein5; W. Froyman1; S. Guerriero3; A. Rossi3; R. Fruscio3; F. Leone3; T. Bourne2; L. Valentin2; B. Van Calster1
1(Belgium); 2(United Kingdom); 3(Italy); 4(Czech Republic); 5(Sweden)

08:20 Discussion

08:23 IOTA benign easy descriptors and ADNEX model integrated in a ‘traffic light system’ to guide the clinical management of adnexal pathology
C. Landolfo1; W. Froyman1; T. Bourne2,1; B. De Cock1; A.C. Testa1; L. Valentin1; D. Fischerová5; C. Van Holsbeke1; D. Franchi3; L. Savelli3; E. Epstein4; A. Czekierdowski6; S. Guerriero3; R. Fruscio3; F. Leone3; I. Vergote; J.Y. Verbakel2,1; B. Van Calster1; D. Timmerman1
1(Belgium); 2(United Kingdom); 3(Italy); 4(Czech Republic); 5(Sweden); 6(Poland)

08:28 Discussion

08:31 Prospective validation of IOTA methods in the differentiation between benign and malignant adnexal masses
W. Froyman1; C. Landolfo1; B. De Cock1; L. Wynants1; A.C. Testa1; E. Domali1; P. Sladkevicius4; L. Savelli2; D. Franchi2; E. Epstein1; C. Van Holsbeke1; R. Fruscio2; M. Blanco2; J. Alcazar5; S. Guerriero3; A. Rossi3; A. Czekierdowski6; V. Chiappa2; F. Buonomo2; M.J. Kudla6; T. Bourne2,1; L. Valentin4; J.Y. Verbakel1,2; B. Van Calster1; D. Timmerman1
1(Belgium); 2(Italy); 3(Greece); 4(Sweden);
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Discussion

08:36
Discussion

08:39 Ovarian masses in pregnancy

T. Eichenberger-Gautschi; A. Sayasneh; A. Smith
(United Kingdom)

OC11.04

Discussion

08:44
Discussion

08:47 Transvaginal colour Doppler ultrasound in early diagnosis of ovarian cancer: our experience since 1999

M. Pascual; B. Graupera; L. Hereter; F. Tresserra; I. Rodríguez; R. Fàbregas (Spain)

OC11.05

Discussion

08:52
Discussion

08:55 Ultrasonographic differences of papillations in benign and malignant adnexal unilocular-solid cysts with papillations and no other solid components: a retrospective multicentre study

C. Landolfo¹; L. Valentín²; L. Ameye³; D. Franchi²; C. Van Holsbeke¹; R. Fruscio³; W. Froyman¹; P. Sladkevicius²; J. Kaijser⁴; T. Bourne⁵; L. Savellii³; A. Coosemans¹; A.C. Testa¹; D. Timmerman¹
¹(United Kingdom); ²(Spain); ³(Poland); ⁴(United Kingdom)

OC11.06

Discussion

09:00
Discussion

09:03 Ultrasound-guided laparoscopic ovarian wedge resection in recurrent serous borderline ovarian tumours

S. Saso; B. Jones; M. Al-Memar; T. Bracewell-Milnes; J. Yazbek (United Kingdom)

OC11.07

Discussion

09:08
Discussion

09:20 - 10:00 Short oral presentations (OP)

OP13: Small-for-gestational age

Chairs: G. Rizzo (Italy); B. Thilaganathan (United Kingdom)

Hall A
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OP14: Fetal brain and CNS anomalies
Chairs: L.J. Salomon (France); M. Sanz Cortes (United States)  Hall E

OP15: Using ultrasound to accurately characterise and guide the management of ovarian masses: do IOTA models work in practice?
Chairs: S. Helmy (Austria); L. Valentin (Sweden)  Hall F

OP16: Detection of fetal heart anomalies II
Chairs: A. Abuhamad (United States); G. Tulzer (Austria)  Hall B

09:20 - 10:00  Poster discussion hubs (P)  L3 & L6

P12: Cysts and other abdominal features  Hub 1
Chair: S. Seshadri (India)

P13: Ultrasound in the labour ward II  Hub 2
Chair: L.D. Platt (United States)

P14: Uterine and endometrial problems: from elastography to using ultrasound to monitor treatment response
Chairs: E. Epstein (Sweden); T. Helbich (Austria)  Hub 3

P15: Improving the outcome of fetal procedures  Hub 4
Chair: A. Johnson (United States)

09:50 - 10:20  Coffee and e-poster viewing (EP)

10:20 - 11:20  Fetal brain: form and function  Hall A
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Chairs: D. Paladini (Italy); A. Ngu (Australia)

10:20 Live scan: how I look at the fetal brain [industry supported]
L. Guibaud (France)

10:40 Early maturation of the sensory-motor cortex assessed by fetal MRI
S. Stoecklein¹; G.M. Gruber²; G. Kasprian²; D. Prayer¹
¹(Germany); ²(Austria)

10:45 Discussion

10:48 The accuracy of fetal fiber tracking – a postnatal MRI correlation
J. Song¹; G.M. Gruber²; R. Seidl²; D. Prayer²; G. Kasprian²
¹(United States); ²(Austria)

10:53 Discussion

10:56 Thicknesses of transient fetal layers in brains of 19–24 gestational weeks' fetuses on 3-T MRI
I. Pogledic; E. Schwartz; C. Mitter; P.C. Brugger; C. Lindner; G.M. Gruber; D. Bettelheim; G. Kasprian; D. Prayer (Austria)

11:01 Discussion

11:04 Cortical development is correlated with neurodevelopmental outcome at 6 months in fetuses with isolated non-severe ventriculomegaly
E. Eixarch; N.M. Hahner; M. Pérez Cruz; B. Puerto; E. Gratacós (Spain)

11:09 Discussion

11:12 Cortical age in fetuses with heart defects using automated age-prediction software
S.M. Everwijn¹; A.I. Namburete²; F.A. Jansen¹;
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A.T. Papageorghiou; J. Van Lith; M.C. Haak
(Netherlands); (United Kingdom)

11:17 Discussion


Chairs: T.M. Eggebø (Norway); P. Husslein (Austria)

10:20 ISUOG guidelines: guidelines on ultrasound in labour
T. Ghi (Italy)

10:40 Managing "big" babies: the impact of fetal head circumference
M. Lipschuetz; S.M. Cohen; O. Yagel; D. Kabiri;
H. Amsalem; A. Ben-David; N. Cohen; L. Levitt;
D. Hochner-Celnikier; S. Yagel (Israel)

10:45 Discussion

10:48 Fetal head circumference to predict delivery mode: a pilot study
M. Lipschuetz; S.M. Cohen; J. Baron; S. Porat;
D.V. Valsky; O. Yagel; D. Kabiri; R. Hershkovitz;
S. Yagel (Israel)

10:53 Discussion

10:56 Sonographic prediction of mode of delivery: a multicentre, prospective cohort study
B.H. Kahrs; S. Usman; T. Ghi; A. Youssef; E.
Torkildsen; E. Lindtjern; T. Østborg; S.
Benediktsdottir; L. Brooks; L. Harmsen; P.
Romundstad; K.Å. Salvesen; C. Lees; T.M.
Eggebø
(Norway); (United Kingdom); (Italy); (Sweden);
(Denmark)

11:01 Discussion

11:04 Dynamic changes of the angle of progression at

OC13.01
OC13.02
OC13.03
OC13.04
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11:09 Discussion

11:12 Visual biofeedback using transperineal ultrasound during the second stage of labour

Y. Gilboa; Z. Kivilevitch; R. Achiron; T. Frenkel; S. Perlman (Israel)

11:17 Discussion

10:20 - 11:20 Using imaging to help in the management of oncology patients

Chairs: S. Helmy (United Kingdom); E. Epstein (Sweden)

10:20 Ultrasound characteristics of endometrial cancer as defined by the International Endometrial Tumor Analysis (IETA) consensus nomenclature: a prospective multicentre study

E. Epstein1; D. Fischerová2; L. Valentin1; A.C. Testa3; D. Franchi3; P. Sladkevicius4; P. Fruhaufl; P.G. Lindqvist4; F. Masciulli5; R. Fruscio5; L. Haakova2; G. Opolskiene4; M. Pascual5; J. Alcazar5; V. Chiappa3; S. Guerriero3; J. Carlson1; C. Van Holsbeke6; F. Leone5; T. Bourne1; B. Van Calster6; A. Installé6; D. Timmerman6; J.Y. Verbakel6,7; T. Van den Bosch1

1 (Sweden); 2 (Czech Republic); 3 (Italy); 4 (Lithuania); 5 (Spain); 6 (Belgium); 7 (United Kingdom)

10:40 Ultrasound-based mathematical model for predicting persistent trophoblastic neoplasia from a large cohort of women with hydatidiform mole: the update of testing model

J. Qin; X. Wu; J. Luo; J. Su; J. Wang; W. Lu; X. Xie (China)

10:45 Discussion

10:48 Preoperative assessment of the extent of disease
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in ovarian cancer: comparative study of ultrasound and CT scan
J. Alcazar¹; M. Caparros¹; J. Minguez¹; A. Ruiz-Zambrana¹; M. Aubá¹; S. Guerriero²; M. Pascual¹; M. Jurado¹
¹(Spain); ²(Italy)

10:53 Discussion

10:56 Role of intraoperative ultrasound to extend minimally invasive surgery for treatment of recurrent gynecological cancer
OC14.04
F. Mascilini; A.C. Testa; M. Moruzzi; L. Quagliozzi; F. Moro; A. Di Legge; I. De Blasis; G. Scambia; A. Fagotti (Italy)

11:01 Discussion

11:04 Contrast enhanced ultrasonography (CEUS) of cervical carcinoma: a pilot study on contrast distribution patterns and qualitative CEUS parameters in cervical cancer patients and in women with normal cervices
OC14.05
K. Palsdottir; E. Epstein (Sweden)

11:09 Discussion

11:12 Preoperative staging of advanced ovarian cancer: comparison between ultrasound, CT and WB-DWI/MRI
OC14.06
D. Fischerová¹; P. Pinto¹²; R. Kocian¹; F. Frühauf¹; J. Slama¹; M. Zikan¹; P. Dundr¹; L. Dusek¹; M. Masek¹; A. Burgetova¹; D. Cibula¹
¹(Czech Republic); ²(Portugal)

11:17 Discussion

10:20 - 11:20 Short oral presentations (OP)

OP17: Hypertensive disease in pregnancy: screening to diagnosis
Hall B
Chairs: F. Crispi (Spain); G. Di Renzo (Italy)

10:20 - 11:20 Interactive hubs
L3 & L6
In conversation with T. Van den Bosch and D. Van Schoubroeck: How to carry out a one-stop fertility scan: using contrast in the uterus and tubes Chairs: T. Van den Bosch (Belgium); D. Van Schoubroeck (Belgium)

Special interest group (SIG): Doppler

Join the conversation: how do I avoid medico legal issues? Chair: C. Brezinka (Austria)

11:25 - 12:05 Short oral presentations (OP)

OP18: Fetal growth and the brain Chairs: A. Ngu (Australia); D. Prayer (Austria)

OP19: Ultrasound in the labour ward Chairs: T. Ghi (Italy); C. Lees (United Kingdom)

OP20: How using ultrasound can inform the management of patients with gynecological malignancy Chairs: D. Fischerová (Czech Republic); T. Helbich (Austria)

OP21: Fetal development in maternal conditions Chairs: C.M. Bilardo (Netherlands); E. Krample-Bettelheim (Austria)

11:25 - 12:05 Poster discussion hubs (P)

P16: Screening for fetal anomalies Chair: K.O. Kagan (Germany)

P19: Fetal echocardiography II Chair: W. Lee (United States)
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P17: Maternal and fetal assessment in complicated pregnancies
Chair: M. Herrera (Colombia)

P18: Techniques related to using ultrasound to assess pelvic pain and diagnose superficial endometriosis and DIE
Chairs: G. Condous (Australia); G. Hudelist (Austria)

12:00 - 13:30   Lunch and e-poster viewing (EP)

12:15 - 13:15   Industry sponsored satellite symposia

12:20 - 13:20   Interactive hubs L3 & L6

   In conversation with G. Condous and S. Guerriero: Practical approach to ultrasound to diagnose endometriosis Chairs: G. Condous (Australia); S. Guerriero (Italy)

   In conversation with the CFEF Chairs: P. Boukobza (France); G. Haddad (France)

   In conversation with Z. Alfirevic and R. Romero: Consensus on preventing preterm birth in high risk situations Chairs: Z. Alfirevic (United Kingdom); R. Romero (United States)

13:30 - 14:30   Workshop: Big mothers, big babies: getting the most from your scan Hall A
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Chairs: A. Baschat (United States); H. Gardiner (United States)

13:30 Effective fetal monitoring in diabetic mothers: physiology to practice
A. Baschat (United States)

13:50 The heart of the problem: optimising screening for heart defects on a technically challenging scan
H. Gardiner (United States)

14:10 Live scan: optimising imaging in the overweight patient [industry supported]
P. Glanc (Canada)

13:30 - 14:30 CfDNA tests: where are we now? Hall E
Chairs: L.D. Platt (United States); U. Lang (Austria)

13:30 ISUOG consensus statement
L.J. Salomon (France)

13:50 Analysis of cell-free DNA in maternal blood in screening for aneuploidies: updated meta-analysis
M. Gil1; V. Accurti2; B. Santacruz1; M.N. Plana1; K.H. Nicolaides2
1(Spain); 2(United Kingdom)

13:55 Discussion

13:58 Evolving role of ultrasound in the NIPT era: population-based trends in screening and diagnostic testing for fetal aneuploidy
L. Hui; B. Hutchinson; A. Poulton; J. Halliday (Australia)

14:03 Discussion
14:06 Comparison between first trimester combined screening and a combination between ultrasound and cell-free DNA
K.O. Kagan; K. Lüthgens; M. Hoopmann (Germany)

14:11 Discussion

14:14 Chromosomal abnormalities detected by cell-free DNA testing as a contingent approach versus direct invasive prenatal diagnosis
A. Mak; H.H. Lee; C. Poon; S. Kwok; T. Ma; B. Lau; K.Y. Leung (Hong Kong)

14:19 Discussion

14:22 Socioeconomic status and clinical variation in prenatal testing in the NIPT era
L. Hui; J. Barclay; A. Poulton; B. Hutchinson; J. Halliday (Australia)

14:27 Discussion

13:30 - 14:30 Advances in fetal surgery
Hall F
Chairs: A. Johnson (United States) P. Klaritsch (Austria)

13:30 Fetal surgery for spina bifida in the 21st century
A. Johnson (United States)

13:50 Fetoscopic repair of spina bifida also improves postnatal motor outcomes
D.A. Pedreira; G. Acacio; R. Gonçalves; R.A. Moreira de Sa; R. Brandl; E. Kontopoulos; R. Chmaif; R. Quintero (Brazil); (United States)

13:55 Discussion

13:58 Percutaneous fetoscopic 3-layer closure of large open spina bifida defects using a bilaminar skin substitute
R. Quintero; D.A. Pedreirã; G.L. Acacio; R.A.
Effects of carbon dioxide gas (CO₂) insufflation for fetoscopy on the amniotic fluid and fetal membranes
L.K. Mann¹; T. Vu¹; J. Won¹; K.J. Moise¹; A. Johnson¹; S. Fletcher¹; J. Deprest²; R. Papanna¹
¹(United States); ²(Belgium)

Intrauterine open fetal surgery for correction of isolated occipital encephalocele
H.J. Milani; M.M. Barbosa; S. Sarmento; S. Cavalheiro; I. Suriano; A.F. Moron (Brazil)

Open fetal surgery for congenital malformations: feasibility and perinatal outcomes
A.F. Moron; M.M. Barbosa; H.J. Milani; S. Sarmento; C.U. Kusano; P. Munhoz; S. Cavalheiro (Brazil)

Routine ultrasound monitoring of asymptomatic endometrial polyps offers no benefit in clinical practice
M. Wong; T. Amin; E. Bean; X. Foo; D. Jurkovic (United Kingdom)

Non-atypical endometrial hyperplasia: clinical and
sonographic characteristics and long-term outcome
J. Kaplan; M. Renz; G. Doulaveris; D. Fridman; G. Goldberg; P. Dar; O. Rotenberg (United States)

13:55 Discussion

13:58 Risk of endometrial cancer in asymptomatic postmenopausal women with endometrial thickness ≥11mm: systematic review and meta-analysis
J. Alcazar; R. Salas; B. Navarro; E. Chacon; T. Errasti; B. Olartecoechea; S. Guerriero; M. Pascual; M. Jurado (Spain); (Italy)

14:03 Discussion

14:06 Intra- and interobserver agreement using the MUSA terminology for ultrasonographic features associated with ill-defined lesions
C. Kjaergaard; T. Van den Bosch; C. Exacoustos; G. Manegold-Brauer; B.R. Benacerraf; W. Froyman; C. Landolfö; M. Condorelli; A.G. Egekvist; H. Josefsson; F. Leone; L. Jokubkiene; L. Zannoni; E. Epstein; A. Installé; M. Dueholm (Denmark); (Belgium); (Italy); (Switzerland); (United States); (Sweden)

14:11 Discussion

14:14 New sonographic and hysteroscopic combined classification for surgical repair of isthmocoeles in an out-patient setting to ensure maximum safety in minimal invasive surgery
A.M. Dueckelmann; J. Barinoff; G. Gubbin; J. Sehouli; E. Boschetti Grützmacher (Germany); (Italy)

14:19 Discussion

14:22 2D-TVU is a more accurate modality than 3D-VCI in staging endometrial cancer
R.W. Green; L. Valentin; J. Alcazar; T. Van den Bosch; V. Chiappa; B. Erdodi; D. Franchi;
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P. Fruhauf$^6$; R. Fruscio$^4$; S. Guerriero$^4$; B. Graupera$^2$; A. Jakab$^5$; A. Di Legge$^4$; M. Ludovisi$^4$; F. Mascilini$^4$; M. Pascual$^2$; E. Epstein$^1$
$^1$(Sweden); $^2$(Spain); $^3$(Belgium); $^4$(Italy); $^5$(Hungary); $^6$(Czech Republic)

14:27  Discussion

13:30 – 14:30  Interactive hubs  L3 & L6

In conversation with N. Raine-Fenning: How do I diagnose polycystic ovaries and cycle monitoring? Chair: N.J. Raine-Fenning (United Kingdom)

Join the conversation: How do clinicians use UOG Chair: TBC

Join the conversation: live reporting – fetal MRI Chairs: D. Prayer (Austria); D. Pugash (Canada); D.M. Twickler (United States)

14:35 - 15:15  Short oral presentations (OP)

OP22: NIPT: issues and implementation Chairs: J. Stirnemann (France); B. Tutschek (Switzerland)

OP23: Invasive procedures: new data Chairs: A. Gagnon (Canada); M. Yamamoto (Chile)

OP24: Uterine and endometrial problems: from elastography to using ultrasound to monitor treatment response Chairs: S. Goldstein (United States); L. Valentin (Sweden)
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OP25: Clinical challenges in chorionicity
Chair: K. Hecher (Germany); Y. Ville (France)

14:35 - 15:15 Poster discussion hubs (P) L3 & L6

P20: The prognostic value of growth parameters
Chair: C. Brezinka (Austria)

P21: Predicting pregnancies at risk
Chair: B. Thilaganathan (United Kingdom)

P22: Fetal echocardiography III
Chair: F. Crispi (Spain)

P23: Managing early pregnancy complications
Chair: S. Bobdiwala (United Kingdom); D. Jurkovic (United Kingdom)

15:10 - 15:40 Coffee and e-poster viewing (EP)

15:40 - 17:00 Workshop: Understanding outflow tract abnormalities
Chair: A. Abuhamad (United States); J.S. Carvalho (United Kingdom)

15:40 Live scan: effective screening for outflow tract abnormalities – tips and tricks [industry supported]
J.S. Carvalho (United Kingdom)

16:00 Tetralogy of Fallot: from anatomy to ultrasound
G. Rizzo (Italy)
Transposition of the great arteries: from anatomy to ultrasound
G.R. DeVore (United States)

Image quiz
A. Abuhamad (United States)

15:40 - 17:00 Workshop: Complications of twins: how to image, how to manage
Chairs: A. Khalil (United Kingdom); E. Gratacós (Spain)

Twin–twin transfusion syndrome
Y. Ville (France)

Selective fetal growth restriction
E. Gratacós (Spain)

Twin reversed arterial perfusion
K. Hecher (Germany)

How to avoid stillbirth in twins
A. Khalil (United Kingdom)

15:40 - 17:00 Workshop: Update from the IOTA group: how to use IOTA rules and models
Chairs: D. Timmerman (Belgium); D. Fischerová (Czech Republic)

How we approach scanning? Easy descriptors
T. Bourne (United Kingdom)

Discussion

Using IOTA simple rules and simple rules risks
L. Valentin (Sweden)

Discussion

The IOTA ADNEX model: variable required and
how to interpret the results  
_A.C. Testa_ (Italy)

16:16  
Discussion

16:19  
The optimum approach to evaluating masses: easy descriptors and the ADNEX model: data and case examples  
_D. Timmerman_ (Belgium)

16:29  
Case examples  
_C. Landolfo_ (Italy)

16:44  
Case examples  
_M. Al-Memar_ (United Kingdom)

**15:40 - 17:00 Workshop: Late fetal growth restriction**  
_Early pregnancy and obstetric physiology_  
**Hall B**  
_Chairs: F. Figueras (Spain); J. Thornton (United Kingdom)_

15:40  
Late fetal compromise: scale of the problem  
_J. Thornton_ (United Kingdom)

16:00  
Monitoring parameters and stillbirth  
_B. Thilaganathan_ (United Kingdom)

16:15  
Neonatal morbidity in late gestation  
_F. Figueras_ (Spain)

16:30  
Is late uterine Doppler useful?  
_K. Maršál_ (Sweden)

16:45  
Why a third trimester randomised controlled trial is needed  
_C. Lees_ (United Kingdom)

**15:40 - 17:00 Hubs**  
_L3 & L6_  
**Guidelines: Chinese**  
_Hub 1_
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Guidelines: Spanish

Guidelines: French

Guidelines: Russian

Hub 2

Hub 3

Hub 4
Tuesday 19 September 2017

07:30 - 08:10  Masterclasses:

The first trimester anomaly scan
*C.M. Bilardo* (Netherlands)  
Hall A

Screening for chromosomal anomalies: cfDNA for all, cfTS for all, microarray for all?
*L.J. Salomon* (France)  
Hall E

Examining women with pelvic pain: how I do it (case examples)
*B.R. Benacerraf* (United States)  
Hall F

Computerised fetal heart rate analysis in high-risk pregnancy
*C. Redman* (United Kingdom)  
Hall B

08:15 - 09:15  State-of-the-art techniques to image the fetus  
Chairs: K.O. Kagan (Germany); *F. da Silva Costa* (Australia)  
Hall A

08:15  What you can do with ultrasound in 2017
*B. Benoit* (France)

08:35  Fetal enhanced tridimensional and translational anatomical landscape: FETTAL Project
*A. Lamouroux; D. Genevieve; F. Fuchs; V. Letouzey; G. Subsol; G. Captier* (France)  
OC18.01

08:40  Discussion
Magnetic resonance imaging (MRI) T1 relaxation properties of fetal blood in normal and in suspected anemic fetuses

D. Jørgensen¹; A. Tabor²; C.K. Ekelund³; L.N. Jensen¹; C. Macgowan⁴; L.N. Nørgaard⁵; L. Rode¹; M. Seed⁶; K. Sundberg⁷; K. Søgaard⁷; N. Vejlstrup⁸
¹(Denmark); ²(Canada)

Superb microvascular imaging of the fetus, placenta and umbilical cord

K. Yamamoto; M.A. AboEllail; M. Mashima; N. Mori; U. Hanaoka; T. Hata (Japan)

Ultrasound-based computer-aided tracking technique of fetal breathing movement analysis for intrauterine growth restriction

U. Ulusar; C.Y. Sanhal; I. Mendicioglu (Turkey)

Echogenicity of the fetal bowel using histogram gray-scale analyser: a comparison between normal fetuses and fetuses with echogenic bowel (EB)

L. Maggio; F. Fontanella; C.M. Bilardo; A. Elvan (Netherlands)

Is this placenta abnormally invasive?

Chairs: A. Bhide (United Kingdom)

Placenta accreta: screening, diagnostic and management options

A. Bhide (United Kingdom)
08:35  Comparison of ultrasound descriptors of abnormally invasive placenta (AIP) in second versus third trimester: is an increase verifiable?  
*M.E. Gorczyca; S. Springer; J. Ott; K.M. Chalubinski* (Austria)  
OC19.01

08:40  Discussion

08:43  The natural development of low-lying placentas diagnosed in the second trimester  
*A. Kaelin Agten; K. Leslie; A. Khalili; A.T. Papageorghiou; B. Thilaganathan; A. Bhide*  
(United Kingdom)  
OC19.02

08:48  Discussion

08:51  Evaluating the accuracy of ultrasonography in predicting morbidly adherent placenta using a scoring system  
*B.S. Albagawi* (Saudi Arabia)  
OC19.03

08:56  Discussion

08:59  Validation of the placenta accreta index by ultrasound to predict morbidly adherent placenta  
*S. Happe; E. Wells; J.S. Dashe; E. Moschos; M. Rac; D.D. McIntire; D.M. Twickler* (United States)  
OC19.04

09:04  Discussion

09:07  The tramline sign for abnormally invasive placenta using Crystal Vue with flow  
*A. Dall'Asta¹²; H. Shah¹; G. Masini¹; G. Paramasivam¹; J. Yazbek¹; T. Bourne¹; C. Lees¹  
¹(United Kingdom);²(Italy)  
OC19.05

09:12  Discussion

08:15 - 09:15  Solving problems in urogynecology including data from the OASIS trial  
*Chairs: S. Yagel* (Israel); *I. Geiss* (Austria)  
Hall F

08:15  Pelvic ultrasound examination to predict labour  
OC20.01
outcome

A. Yousef (Italy)

OC20.02 & OC20.03

08:35 Discussion

08:38 The effect of a repeat delivery on long-term outcome in women with obstetric anal sphincter injury (OASIS): a prospective longitudinal ultrasound study

V.H. Eisenberg; G. Vernikovsky; S. Brecher; Y. Avidan; I. Yodfat; D. Lantsberg; G. Bitman; M. Alcalay (Israel)

OC20.04

08:43 Discussion

08:46 Changes in urethral mobility and kinking after prolapse repair

L. Wen\(^1,2\); K. Shek\(^1\); N. Subramaniam\(^1\); T. Friedman\(^1\); H.P. Dietz\(^1\)

\(^1\)(Australia); \(^2\)(China)

OC20.05

08:51 Discussion

08:54 Are we getting better at diagnosing, treating, and managing obstetric anal sphincter injuries (OASIS)?

V.H. Eisenberg; G. Vernikovsky; D. Lantsberg; G. Bitman; M. Alcalay (Israel)

OC20.06

08:59 Discussion

09:02 Is there an association between imaging and urodynamic findings after suburethral sling?

L. Wen\(^1,2\); K. Shek\(^1\); N. Subramaniam\(^1\); T. Friedman\(^1\); H.P. Dietz\(^1\)

\(^1\)(Australia); \(^2\)(China)

OC20.07

09:07 Discussion

08:15 - 09:15 Interactive hub

L3 & L6

In conversation with E. Kirk: Diagnosing and managing ectopic pregnancy: expectant, medical or surgical

Chair: E. Kirk (United Kingdom)

Hub 1
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09:20 - 10:00 Short oral presentations (OP)

OP26: Managing TTTS
Chairs: K. Hecher (Germany)
Hall A

OP27: How to diagnose and manage abnormal placentation
Chairs: P. Calda (Czech Republic); D.M. Twickler (United States)
Hall E

OP28: Solving problems in urogynecology using ultrasound
Chairs: A. Youssef (Italy)
Hall F

09:20 - 10:00 Poster discussion hubs (P)

P24: The challenge of evaluating the fetal brain
Chair: E.A. Hernandez-Andrade (United States)
Hub 1

P25: Fetal growth Doppler and hemodynamics
Chair: A. Baschat (United States)
Hub 2

P26: Ultrasound, reproductive medicine and IVF
Chair: W. Froyman (Belgium)
Hub 3

In conversation with D. Jurkovic: How do I manage nontubal ectopic pregnancies? Chair: D. Jurkovic (United Kingdom)
Hub 4

09:50 - 10:20 Coffee and e-poster viewing (EP)
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#### 10:20 - 11:20

**Advanced cytogenetic techniques: impact on ultrasound practice**  
*Chairs: L. Hui (Australia); D. Bettelheim (Austria)*

- **Debate: is it worth measuring nuchal translucency in 2017?**
  - **For:** D. Bettelheim (Austria)

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| 10:20  | *Whole-genome array as a first-tier cytogenetic test in routine prenatal diagnosis*  
  *M. Hynek; M. Trkova; V. Becvarova; H. Pekova; R. Mansfieldova; M. Koudova; J. Horacek (Czech Republic)*  
  **OC21.01**  
  **Discussion** |
| 10:48  | *Fetal abnormalities associated with increased nuchal translucency versus cell-free fetal DNA*  
  *F. Bardi; P. Bosschieter; A. Go; N. Ursem; M.C. Haak; A. Coumans; M.N. Bekker; E. Pajkrt; C.M. Bilardo (Netherlands)*  
  **OC21.02**  
  **Discussion** |
| 11:04  | *Chromosomal microarray as a primary diagnostic genomic tool for pregnancies defined as being at increased risk within a population-based combined first trimester screening program*  
  *I. Vogel; O.B. Petersen; R. Christensen; J. Hyett; S. Lou; E. Vestergaard*  
  1(Denmark); 2(Australia)  
  **OC21.04**  
  **Discussion** |
Discussion

11:12 Implications of inconclusive results in prenatal maternal serum cell-free DNA testing
*M. Smet; N. Chan; A. McLennan; F. da Silva Costa* (Australia)

11:17 Discussion

10:20 - 11:20 Workshop: 3D/4D ultrasound: is it living up to its promise?
*Chairs: J. Deng* (United Kingdom); *L. Gindes* (Israel)

- Debate: 3D/4D has proven its clinical utility
  - *For: R. Chaoui* (Germany)
- *Against: A. Abuhamad* (United States)
- *Rebuttal (speaker 1)*
- *Rebuttal (speaker 2)*
- *Audience vote and results*
- *3D/4D specific artefacts: how to recognise, minimise and avoid them*
  - *J. Deng* (United Kingdom)
- *3D uterine malformations: clinical classifications old and new*
  - *B.R. Benacerraf* (United States)
- *3D and 4D pelvic floor exploration*
  - *A. Youssef* (Italy)

10:20 - 11:20 How ultrasound is used to assess women with pelvic pain and diagnose endometriosis
*Chairs: G. Condous* (Australia); *S. Guerriero* (Italy)
10:20  Establishing a uniform approach to the reporting of DIE using ultrasound  
G. Condous (Australia)

10:40 Transvaginal sonography-based minimal invasive surgery for urinary tract endometriosis: test accuracy and outcomes  
G. Hudelist¹; A. Tammaa¹; M. Lamche¹; K. Aas-Eng²; L. Kirchner¹; N. Fritzer¹  
¹(Austria); ²(Norway)

10:45 Discussion

10:48 Diagnostic accuracy of the transvaginal ultrasound “sliding sign”, direct visualisation and combination of both for the prediction of deep infiltrating endometriosis of the rectum and the rectosigmoid  
M. Espada¹; C. Lu²; S. Reid³; B. Shakeri¹; N. Stamatopoulos¹; G. Condous¹  
¹(Australia); ²(United Kingdom)

10:53 Discussion

10:56 The relationship between gastrointestinal symptoms and ultrasound findings in women with suspected endometriosis: a prospective pilot study  
V.H. Eisenberg; L. Cohen; M. Zajicek; V. Yulzari; J. Bouaziz; D. Soriano (Israel)

11:01 Discussion

11:04 Transvaginal ultrasonography combined with computed tomographic colonography in the diagnosis of bowel endometriosis  
S. Ferrero; F. Laraud; C. Bondi; P.L. Venturini; V. Vellone; C. Stabilini; C. Scala; E. Biscaldi (Italy)

11:09 Discussion

11:12 3D transvaginal ultrasound in adenomyosis: are we looking at all there is?  
T. Tellum; G. Matic; E.K. Skovholt; M. Lieng (Norway)
11:17 Discussion

10:20 - 11:20 Interactive hub L3 & L6

In conversation with D. Fischerova and E. Epstein: Using ultrasound to assess the oncology patient including staging Chairs: D. Fischerová (Czech Republic); E. Epstein (Sweden)

11:25 - 12:05 Short oral presentations (OP) Hall A

OP29: Education, simulation and safety Chairs: S. Eik-Nes (Norway); G. Ter Haar (United Kingdom)

OP31: Using ultrasound to assess pelvic pain and diagnose endometriosis Chairs: S. Ferrero (Italy); G. Hudelist (Austria)

11:25 - 12:05 Poster discussion hubs (P) L3 & L6

P27: Techniques for fetal cardiac diagnosis Chair: H. Gardiner (United States) Hub 1

P28: References, standards and markers Chair: S. Yagel (Israel) Hub 2

P29: Improving our management of twin pregnancies Chair: K. Hecher (Germany) Hub 3

P30: How to use imaging to manage oncology patients Chair: I. Timor-Tritsch (United States) Hub 4
11:30 - 12:10  Short oral presentation (OP)

**OP30: Fetal brain novel applications of ultrasound and MRI**  
*Chairs: J. Hyett (Australia); A. Toi (Canada)*  
Hall E

12:00 - 13:30  Lunch and e-poster viewing (EP)

12:15 - 13:15  Industry sponsored satellite symposia

12:20 - 13:20  Interactive hubs  
*Join the conversation: are you practicing safe sonography?*  
*Chair: S. Westerway (Australia)*  
Hub 1

*MRI certificate exam*  
*Chairs: G. Kasprian (Austria); D. Prayer (Austria)*  
Hub 2

*WATOG: Join the conversation on issues for trainees worldwide*  
*Chair: Nikos Vrachnis (Greece); David Ntirushwa (Rwanda)*  
Hub 4

13:30 - 14:30  Interactive hubs  
*The highlights of the meeting in Chinese*  
*Chair: Q. Wu (China)*  
Hub 3

*In conversation with M. Herrera and G. Malinger: The status of the Zika crisis*  
*Chairs: M. Herrera (Colombia); G. Malinger (Israel)*  
Hub 4
**Workshop: Ultrasound and genetic diagnostics at 12 weeks**

*Chairs: A. Tabor (Denmark); E. Krampl-Bettelheim (Austria)*

**13:30**  
The scope of sonographic screening and of a detailed anatomical survey at 12 weeks.  
*B. Tutschek* (Switzerland)

**13:50**  
Live scan: how I optimise detection of anomalies at 12 weeks [industry supported]  
*C.M. Bilardo* (Netherlands)

**14:10**  
The potential of the biochemical component of combined screening in the era of NIPT: beyond T21/18/13  
*A. Tabor* (Denmark)

**14:30**  
Non-invasive screening for genetic conditions: where will we be by Berlin 2019?

**14:50**  
Non-invasive screening for genetic conditions: where will we be by Berlin 2019?  
*S. Yagel* (Israel)

**Workshop: Pre-eclampsia in 2017**

*Chairs: J. Hyett (Australia); E. Gratacós (Spain)*

**13:30 - 14:50**  
It's all in the heart  
*B. Thilaganathan* (United Kingdom)

**13:40**  
No way, it's the placenta!  
*S. Verlohren* (Germany)

**13:50**  
Treatment options: early and late  
*F. da Silva Costa* (Australia)
14:10  The state of prevention
   J. Hyett (Australia)

14:30  Practical assessment of maternal cardiovascular risk in pregnancy
   A. Khalil (United Kingdom)

13:30 – 14:50  Workshop: Managing ovarian masses – what is the evidence base and which approach should we use to classify ovarian masses?
   Chairs: T. Bourne (United Kingdom); J. Alcazar (Spain)

13:30  A systematic review of the evidence and meta-analysis
   B. Van Calster (Belgium)

13:50  A randomised trial of the use of the IOTA simple rules and the risk of malignancy index
   N.P. Nunes (United Kingdom)

   N.P.Nunes to present abstract OC23.01 within the above talk: Comparison of two protocols for the management of pain-free postmenopausal women with adnexal tumours: an RCT of RMI/RCOG versus simple rules
   N.P. Nunes; G. Ambler; X. Foo; J. Naftalin; G. Derdelis; M. Widschwendter; D. Jurkovic (United Kingdom)

14:10  Based on the data from the IOTA study: what do we think is the best approach to classifying ovarian masses in 2017?
   W. Froyman (Belgium)

14:30  Discussion of case examples
   D. Timmerman (Belgium); J. Alcazar (Spain); D. Jurkovic (United Kingdom)
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14:50 - 16:20  Closing plenary: show us the power of ultrasound  
Hall A  
Chairs: G. Condous (Australia); L.J. Salomon (France); S. Yeo (Singapore)

14:50  Awards presentation: Top abstract, Young Investigator, Austrian Society of Obstetrics and Gynecology for best contribution from Austria  
D. Timmerman (Belgium)

The power of ultrasound: top images from top experts
15:05  B. Benoit (France)

15:10  R. Chaoui (Germany)

15:15  G.R. DeVore (United States)

15:20  B.R. Benacerraf (United States)

15:25  C. Brezinka (Austria)

15:30  Discussion and voting

16:20  Congress leaving drinks  
Chair: G Condous (Australia);  
Join us in Singapore in 2018!