

# 20th World Congress on Ultrasound in Obstetrics and Gynecology



10 - 14 October 2010, Prague, Czech Republic



## Sunday 10 October 2010

<b>14:00 - 15:30</b>	<b>Opening session (with Top 5 abstracts)</b> <i>Chairs: K. Maršál (Sweden); A. Baschat (United States)</i>	<b>Congress Hall</b>
14:00	Welcome from the ISUOG President <i>G. Pilu (Italy)</i>	
14:05	Welcome from the Congress President <i>P. Calda (Czech Republic)</i>	
14:10	Stuart Campbell lecture: The emerging role of ultrasound for optimized patient care in the second stage of labor <i>K. Kalache (Germany)</i>	
<b>Top 5 abstracts</b>		
14:30	Ultrasound evaluation of the caesarean scar: relation between a niche and postmenstrual spotting <i>H. van der Slikke; M. Bij de Vaate; H. Brölmann; L. van der Voet; S. Veersema; J. Bartholomew; J. Huirne (Netherlands)</i>	OC01.01
14:36	Discussion	
14:40	The effect of metformin on the uteroplacental circulation in comparison with aspirin in pregnant women with polycystic ovary syndrome <i>A. Jamal; F. Milani; P. Shabani; A. Aleyasin (Islamic Republic of Iran)</i>	OC01.02
14:46	Discussion	
14:50	Ultrasound in diagnosis of new and recurrent borderline ovarian tumors <i>D. Fischerova<sup>1</sup>; D. Franchi<sup>2</sup>; A. Testa<sup>2</sup>; L. Valentin<sup>3</sup>; L. Savelli<sup>2</sup>; A. Lissoni<sup>2</sup>; R. Fruscio<sup>2</sup>; C. Van Holsbeke<sup>4,4</sup>; E. De Jonge<sup>4</sup>; S. VanHuffel<sup>4</sup>; T. Bourne<sup>4,5</sup>; B. Van Calster<sup>4</sup>; F. Amant<sup>4</sup>; D. Timmerman<sup>4</sup></i> <i><sup>1</sup>(Czech Republic); <sup>2</sup>(Italy); <sup>3</sup>(Sweden); <sup>4</sup>(Belgium); <sup>5</sup>(United Kingdom)</i>	OC01.03
14:56	Discussion	
15:00	Analysis of brain structure by MRI and neurodevelopment in preterm born infants with and without IUGR at 12-18 months of age <i>M. Sanz-Cortes; N. Padilla; C. Falcon; N. Bargallo; F. Figueras; F. Botet; A. Arranz; E. Gratacós (Spain)</i>	OC01.04 and OC01.05
15:06	Discussion	

15:10	Axonal loss and cognitive outcome at five years in term small-for-gestational age infants with normal umbilical artery <i>D. Oros; S. Valle; H. Tuquet; V. Pueyo; N. Güerri; P. Ventura (Spain)</i>	OC01.06
15:16	Discussion	
15:20	Alfred Kratochwil lecture <i>W. Lee (United States)</i>	
15:40 - 16:10	<b>ISUOG Annual General Meeting</b>	<b>Congress Hall</b>
16:15 - 16:30	<b>Coffee</b>	<b>Congress Hall and Foyer</b>
<b>16:30 - 17:30</b>	<b>Opening plenary session (all welcome!)</b> <i>Chairs: A. Tabor (Denmark); P. Calda (Czech Republic)</i>	<b>Congress Hall</b>
16:30	Handover of ISUOG Presidency	
16:35	Presentation of the Gold Medal to Charlie Kleinman and Gold Medal lecture <i>J. Cope! (United States)</i>	
17:00	Doppler and the stars of Prague <i>K. Maršál (Sweden)</i>	
17:20	Special lecture: Developmental stages in human embryos and morphologic sequence of human head development <i>J. Jirasek (Czech Republic)</i>	
17:35 - 18:00	<b>Drinks</b>	<b>Foyer</b>
18:00 - 18:30	<b>Black Light Theatre company</b>	<b>Congress Hall</b>
18:30 - 20:00	<b>Welcome reception</b>	<b>Exhibition</b>

<b>09:00 - 10:00</b>	<b>Congenital heart disease</b> <i>Chairs: R. Chaoui (Germany); L. Allan (United Kingdom)</i>	<b>Congress Hall</b> <b>Sponsored by Philips</b>
09:00	Overview <u>R. Chaoui (Germany)</u>	
09:05	Live scan demonstration: 2D/3D anatomy of the fetal heart <u>B. Tutschek (Switzerland)</u>	
09:20	Impact of live 4D ultrasound volume rate on recognition of fetal cardiac structures in reformatted 2D views <u>J. Deng; R. Yates; C. Demetrescu; D. Pellerin (United Kingdom)</u>	OC02.01
09:25	Discussion	
09:28	New insight of using spatiotemporal image correlation in prenatal screening of fetal conotruncal defects <u>B. Zhao; Z. Xie (China)</u>	OC02.02
09:33	Discussion	
09:36	Fetal interrupted aortic arch: 2D-4D echocardiography, associations and outcome <u>V. De Robertis; G. Rembouskos; G. Campobasso; A. Tempesta; N. Volpe; P. Volpe (Italy)</u>	OC02.03
09:41	Discussion	
09:44	ARSA incidence and correlation with other strong markers of Down syndrome (DS) in 116 trisomy 21 fetuses assessed in a tertiary referral center <u>D. Paladini; G. Sglavo; G. Pastore; A. Masucci; C. Nappi (Italy)</u>	OC02.04
09:49	Discussion	
09:52	Chromosomal anomalies in isolated fetal aberrant right subclavian artery <u>O. Gómez; J. Martínez; A. Olivella; M. Bennasar; B. Puerto; E. Gratacós (Spain)</u>	OC02.05
09:57	Discussion	
<b>09:00 - 10:00</b>	<b>Short-term outcome in fetal growth restriction</b> <i>Chairs: A. Baschat (United States); A. Papageorgiou (United Kingdom)</i>	<b>Forum Hall</b>
09:00	Overview <u>A. Baschat (United States)</u>	
09:05	Assessment of a modified fetal myocardial performance index (MPI) and radial ventricular synchrony by Tissue Doppler Imaging in growth-restricted fetuses <u>R. Schmitz; J. Heinig; L. Kiesel; J. Steinhard (Germany)</u>	OC03.01 and OC03.02
09:10	Discussion	

09:13	Cardiac dysfunction is present in small-for-gestational age fetuses with normal umbilical artery Doppler <i>F. Crispi; M. Comas; R. Cruz-Martinez; J. Martinez; E. Eixarch; F. Figueras; E. Gratacós (Spain)</i>	OC03.03
09:18	Discussion	
09:21	Natriuretic peptide levels in severe IUGR fetuses <i>B. Franz; S. Spahn; R. Gallinat (Germany)</i>	OC03.04
09:26	Discussion	
09:29	Effects of antenatal identification on perinatal outcomes in small for gestational age infants delivered after 34 weeks' gestation <i>N. Fratelli; A. Valcamonico; F. Prefumo; G. Pagani; T. Guarneri; T. Frusca (Italy)</i>	OC03.05
09:34	Discussion	
09:37	Amnioinfusion and tocolysis before 26 weeks gestation for extremely severe fetal-growth restriction with oligohydramnios and long-term follow up <i>Y. Takahashi; S. Iwagaki; R. Nishihara; T. Iwasa; K. Kigoshi; I. Kawabata (Japan)</i>	OC03.06
09:42	Discussion	
09:45	Prediction of emergency cesarean section for fetal distress after labor induction in term small-for-gestational-age fetuses with Doppler signs of brain sparing <i>R. Cruz-Martinez; F. Figueras; D. Oros; E. Hernandez-Andrade; E. Gratacós (Spain)</i>	OC03.07
09:50	Discussion	
<b>09:00 - 10:00</b>	<b>Early pregnancy</b> <i>Chairs: E. Kirk (United Kingdom)</i>	<b>Meeting Hall 1</b>
09:00	Implantation is the key to early pregnancy outcome <i>Speaker to be confirmed</i>	
09:15	Comparing singleton and twin embryo volumes <i>S. Sur; J. Clewes; N. Raine-Fenning (United Kingdom)</i>	OC04.01
09:20	Discussion	
09:23	Intra- and inter-observer reproducibility of first trimester measurements between 6 and 9 weeks gestation <i>A. Pexsters<sup>1</sup>; J. Luts<sup>1</sup>; D. Van Schoubroeck<sup>1</sup>; C. Bottomley<sup>2</sup>; B. Van Calster<sup>1</sup>; S. Van Huffel<sup>1</sup>; Y. Abdallah<sup>2</sup>; T. D'Hooghe<sup>1</sup>; C. Lees<sup>2</sup>; D. Timmerman<sup>1</sup>; T. Bourne<sup>1,2</sup></i> <i><sup>1</sup>(Belgium); <sup>2</sup>(United Kingdom)</i>	OC04.02
09:28	Discussion	
09:31	Risk factors for tubal versus non-tubal ectopic pregnancies: a multicentre case series <i>H. May-Miller<sup>1</sup>; C. Bottomley<sup>1</sup>; E. Kirk<sup>1</sup>; K. Hayes<sup>1</sup>; C. Stalder<sup>1</sup>; D. Timmerman<sup>2</sup>; T. Bourne<sup>1</sup></i> <i><sup>1</sup>(United Kingdom); <sup>2</sup>(Belgium)</i>	OC04.03

09:36	Discussion	
09:39	The influence of pre-pregnancy BMI and maternal weight gain in pregnancy on fetal size at 12 weeks: a cross sectional analysis <i>Y. Abdallah<sup>1</sup>; A. Pexsters<sup>2</sup>; J. Luts<sup>2</sup>; O. Najj<sup>1</sup>; I. Guelinckx<sup>2</sup>; R. Devlieger<sup>2</sup>; E. Kirk<sup>1</sup>; R. Husicka<sup>1</sup>; C. Bottomley<sup>1</sup>; C. Lees<sup>1</sup>; D. Timmerman<sup>2</sup>; T. Bourne<sup>1,2</sup></i> <sup>1</sup> (United Kingdom); <sup>2</sup> (Belgium)	OC04.04
09:44	Discussion	
09:47	A longitudinal assessment of gestation sac growth in pregnancies subsequently shown to be viable and non-viable <i>A. Pexsters<sup>1</sup>; A. Daemen<sup>1</sup>; C. Bottomley<sup>2</sup>; Y. Abdallah<sup>2</sup>; O. Najj<sup>2</sup>; N. Raine-Fenning<sup>2</sup>; B. De Moor<sup>1</sup>; T. D'Hooghe<sup>1</sup>; D. Timmerman<sup>1</sup>; T. Bourne<sup>1,2</sup></i> <sup>1</sup> (Belgium); <sup>2</sup> (United Kingdom)	OC04.05
09:52	Discussion	
09:55	Summary <i>E. Kirk</i> (United Kingdom)	
10:00 - 10:40	<b>OP01: IUGR I: Diagnosing and managing fetal growth restriction</b> <i>Chairs: E. Hernandez-Andrade (Mexico); C. Lees (United Kingdom)</i>	Forum Hall
	<b>OP02: Early pregnancy I</b> <i>Chairs: G. Condous (Australia); A. Pexsters (Belgium)</i>	Meeting Hall 1
	<b>OP03: Fetal heart I: Screening for congenital heart disease</b> <i>Chairs: J. Copel (United States); C. Berg (Germany)</i>	North Hall
	<b>OP04: First trimester I: Screening for aneuploidy</b> <i>Chairs: C. Bilardo (Netherlands); T. Lau (China)</i>	Club A
	<b>OP05: CNS I: Fetal brain MRI</b> <i>Chairs: S. Yagel (Israel); A. Toi (Canada)</i>	Club E
10:40 – 10:55	<b>P01: IUGR I: Outcome in placental dysfunction</b>	Forum Hall
	<b>P02: Early pregnancy I</b>	Meeting Hall 1
	<b>P03: Fetal heart I: Fetal cardiac anomalies</b>	North Hall
	<b>P04: First trimester I: Aneuploidy and other complications</b>	Club A
	<b>P05: CNS I: Fetal brain MRI</b>	Club E
10:30 - 11:00	Coffee & poster viewing	Exhibition
11:00 - 12:30	Workshop: Advanced fetal echocardiography: atrial isomerism	Congress Hall

**(heterotaxy)**

Chairs: *J. Carvalho (United Kingdom); C. Berg (Germany)*

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- 11:00 Live scan demonstration: Isomerism: sequential analysis in practice  
*J. Carvalho (United Kingdom)*
- 11:15 Right atrial isomerism - common cardiac abnormalities and ultrasound cases  
*L. Allan (United Kingdom)*
- 11:30 Left atrial isomerism - common cardiac abnormalities and ultrasound cases  
*J. Carvalho (United Kingdom)*
- 11:45 Early diagnosis and arrhythmias  
*U. Gembruch (Germany)*
- 12:00 3D/4D echo of venous connections  
*S. Yagel (Israel)*
- 12:15 Panel discussion

**11:00 - 12:30**

**Workshop: Identifying risk in monochorionic twin pregnancy**

Chairs: *Y. Ville (France); J. Deprest (Belgium)*

**Forum Hall  
Sponsored by  
Toshiba**

- 11:00 Early prediction of TTTS  
*L. Lewi*
- 11:15 Twin-to-twin transfusion syndrome - diagnosis and management  
*K. Hecher (Germany)*
- 11:30 Twin-anemia-polycythemia sequence - diagnosis and management  
*J. Deprest (Belgium)*
- 11:45 Discordant growth in monochorionic twins - diagnosis and management  
*E. Gratacos (Spain)*
- 12:00 Live scan  
*Y. Ville (France)*
- 12:20 Discussion

**11:00 - 12:30**

**Ultrasound and the acute gynecology patient**

Chairs: *T. Bourne (United Kingdom); C. Exacoustos (Italy)*

**Meeting Hall 1**

- 11:00 Applying mathematical models to different patient populations and in different countries - when is a PUL not a PUL?  
*E. Kirk (United Kingdom)*
- 11:20 Reducing the follow up required in women with a failing pregnancy of unknown location  
*W. Hoo<sup>1</sup>; C. Bottomley<sup>1</sup>; B. Van Calster<sup>2</sup>; Y. Abdallah<sup>1</sup>; O. Naji<sup>1</sup>; C. Stalder<sup>1</sup>; S. Ahmed<sup>1</sup>; D. Gould<sup>1</sup>; S. Hollamby<sup>1</sup>; E. Kirk<sup>1</sup>; D. Timmerman<sup>2</sup>; T. Bourne<sup>1,2</sup>*  
*<sup>1</sup>(United Kingdom); <sup>2</sup>(Belgium)*

OC05.01

11:25	Discussion	
11:28	Surgical treatment of first trimester cervical ectopic pregnancies <i>J. Ben-Nagi; D. Mavrellos; J. Naftalin; J. Ross; D. Jurkovic (United Kingdom)</i>	OC05.02
11:33	Discussion	
11:36	Cesarean scar pregnancy: diagnosis and ultrasound-guided methotrexate treatment <i>L. Wang; H. Xu; J. Wang; X. Gao; Q. Lin; Q. Cui; Z. Yuan; X. Chen (China)</i>	OC05.03
11:41	Discussion	
11:44	Does symptomatology at presentation correlate with successful expectant management of first trimester miscarriage? <i>I. Casikar<sup>1</sup>; C. Lu<sup>2</sup>; J. Riemke<sup>1</sup>; S. Reid<sup>1</sup>; D. Alhamdan<sup>1</sup>; T. Bignardi<sup>1</sup>; M. Mongelli<sup>1</sup>; G. Condous<sup>1</sup> <sup>1</sup>(Australia); <sup>2</sup>(United Kingdom)</i>	OC05.04
11:49	Discussion	
11:52	Endometrial volume measurements by transvaginal 3-dimensional ultrasound for the prediction of outcome in the pregnancies of unknown location <i>T. Bignardi; D. Alhamdan; M. Mongelli; G. Condous (Australia)</i>	OC05.05
11:57	Discussion	
12:00	Why are some ectopic pregnancies characterized as pregnancies of unknown location at initial transvaginal ultrasound scan? 3-D volumetric TVS of ectopic pregnancy mass <i>D. Alhamdan; M. Mongelli; I. Casikar; T. Bignardi; S. Reid; J. Riemke; G. Condous (Australia)</i>	OC05.06
12:05	Discussion	
12:08	Gestation sac shape, sub-chorionic haematoma and vaginal bleeding as predictors of viability in intrauterine pregnancies of uncertain viability (IPUV) <i>O. Najil<sup>1</sup>; Y. Abdallah<sup>1</sup>; A. Daemen<sup>2</sup>; A. Pexsters<sup>2</sup>; C. Stalder<sup>1</sup>; C. Bottomley<sup>1</sup>; E. Kirk<sup>1</sup>; N. Raine-Fenning<sup>1</sup>; C. Lees<sup>1</sup>; D. Timmerman<sup>2</sup>; T. Bourne<sup>1,2</sup> <sup>1</sup>(United Kingdom); <sup>2</sup>(Belgium)</i>	OC05.07
12:13	Discussion	
12:16	Outcome of the 1st trimester of intrauterine pregnancies of uncertain viability (IPUVIs) <i>J. Riemke<sup>1</sup>; C. Lu<sup>2</sup>; T. Bignardi<sup>1</sup>; I. Casikar<sup>1</sup>; D. Alhamdan<sup>1</sup>; S. Reid<sup>1</sup>; M. Mongelli<sup>1</sup>; D. Fauchon<sup>1</sup>; R. Benzie<sup>1</sup>; G. Condous<sup>1</sup> <sup>1</sup>(Australia); <sup>2</sup>(United Kingdom)</i>	OC05.08
12:21	Discussion	
12:24	Summary <i>T. Bourne (United Kingdom)</i>	
11:00 - 12:30	<b>Workshop: Ultrasound Outreach</b>	<b>Club A</b>

Chair: A. Abuhamad (United States)

11:00	Introduction A. Abuhamad (United States)	
11:05	Maternal mortality in the developing world and the role of ultrasound A. Abuhamad (United States)	
11:20	Ultrasound Outreach: challenges and opportunities S. Marsh (United States)	
11:35	Workshop group discussions: Sustainable outreach: prioritising, funding and evaluating Groups led by: A. Abuhamad (United States), S. Eik-Nes (Norway), A. Tabor (Denmark), D. Paladini (Italy), S. Marsh (United States)	
12:10	Presentation of workshop findings	
12:30	Lunch and volunteer recruitment	
12:30 - 14:00	<b>Lunch, poster viewing and sponsor activities</b>	<b>Exhibition</b>
12:45 - 13:45	<b>Philips satellite symposium</b>	<b>Congress Hall</b>
<b>14:00 - 15:00</b>	<b>First trimester</b> Chairs: A. Tabor (Denmark); J. Sonek (United States)	<b>Congress Hall Sponsored by Medison</b>
14:00	Overview A. Tabor (Denmark)	
14:05	Live scan demonstration: the first trimester scan C. Bilardo (Netherlands)	
14:20	PAPP-A and free $\beta$ -hCG measured before 10+0 weeks is associated with adverse pregnancy outcomes I. Kirkegaard; T. Henriksen; N. Ulbjerg (Denmark)	OC06.01
14:25	Discussion	
14:28	The "evanescent pelvic translucency": a major finding of anal atresia in the first trimester J. Bault <sup>1</sup> ; B. Benoit <sup>2</sup> ; L. Loeuillet <sup>1</sup> ; M. Moulis <sup>1</sup> ; R. Achiron <sup>3</sup> <sup>1</sup> (France); <sup>2</sup> (Monaco); <sup>3</sup> (Israel)	OC06.02
14:33	Discussion	
14:36	Shortening fraction of the right ventricle (SFRV) - a potential ultrasound marker of trisomy 21 between 11 and 13+6 weeks' gestation P. Calda <sup>1</sup> ; M. Brestak <sup>1</sup> ; V. Tomek <sup>1</sup> ; D. McKenna <sup>2</sup> ; J. Sonek <sup>2</sup> <sup>1</sup> (Czech Republic); <sup>2</sup> (United States)	OC06.03
14:41	Discussion	

14:44	The underlying variability in first trimester individual risk for Down syndrome <i>J. Stirnemann; J. Bernard; Y. Ville (France)</i>	OC06.04
14:49	Discussion	
14:52	Increased nuchal translucency and normal karyotype: perinatal and pediatric outcome at 2 years of age <i>R. Mula; A. Gonc�; M. Arigita; M. Benn�sar; F. Botet; A. Borrell; E. Gratac�s (Spain)</i>	OC06.05
14:57	Discussion	
<b>14:00 - 15:00</b>	<b>Twin-twin transfusion syndrome</b> <i>Chairs: A. Gagnon (Canada); J. Deprest (Belgium)</i>	<b>Forum Hall</b>
14:00	Overview <i>A. Gagnon (Canada)</i>	
14:05	Stage I TTTS: to laser or not to laser <i>Argument for: Y. Ville (France)</i> <i>Argument against: A. Johnson (United States)</i>	
14:20	Myocardial deformation analysis using Vector Velocity Imaging in twin-twin transfusion syndrome: differences in myocardial mechanics between donor and recipient <i>S. Zeng; Z. Tian; M. Bebbington; M. Johnson; J. Rychik (United States)</i>	OC07.01
14:25	Discussion	
14:28	Fetoscopic laser surgery for twin-to-twin transfusion syndrome after 26 weeks of gestation <i>D. Valsky<sup>1,2</sup>; E. Eixarch<sup>1</sup>; I. Gonzalez<sup>1</sup>; F. Crispi<sup>1</sup>; R. Cruz-Martinez<sup>1</sup>; M. Sanz-Cortes<sup>1</sup>; M. Illa<sup>1</sup>; J. Martinez<sup>1</sup>; E. Gratac�s<sup>1</sup></i> <i><sup>1</sup>(Spain); <sup>2</sup>(Israel)</i>	OC07.02
14:33	Discussion	
14:36	Learning curve for fetoscopic laser ablation therapy in severe twin twin transfusion syndrome <i>R. Papanna<sup>1</sup>; L. Mann<sup>1</sup>; D. Biau<sup>2</sup>; K. Moise Jr<sup>1</sup>; A. Johnson<sup>1</sup></i> <i><sup>1</sup>(United States); <sup>2</sup>(France)</i>	OC07.03
14:41	Discussion	
14:44	Pattern of cardiovascular disease regression following fetoscopic selective laser photocoagulation (SLP) for twin-twin transfusion syndrome (TTTS) <i>J. Rychik; M. Bebbington; M. Johnson; S. Zeng; Z. Tian (United States)</i>	OC07.04
14:49	Discussion	
14:52	Incidence and clinical implications of unintended septostomy after fetoscopic laser therapy for twin-twin transfusion syndrome <i>R. Cruz-Martinez<sup>1</sup>; T. Van Mieghem<sup>2</sup>; L. Lewi<sup>2</sup>; E. Eixarch<sup>1</sup>; J. Deprest<sup>2</sup>; E. Gratac�s<sup>1</sup></i> <i><sup>1</sup>(Spain); <sup>2</sup>(Belgium)</i>	OC07.05
14:57	Discussion	

<b>14:00 - 15:00</b>	<b>Abnormal uterine bleeding</b> <i>Chairs: H. Brolman (); E. Ferrazzi (Italy)</i>	<b>Meeting Hall 1</b>
14:00	Establishing universal terms and definitions to describe endometrial pathology <u>T. Van den Bosch</u> (Belgium)	
14:20	Discussion	
14:23	Differentiation of uterine pathology by transvaginal elastography: preliminary results <u>J. Veldman</u> <sup>1</sup> ; <u>C. Van Holsbeke</u> <sup>1</sup> ; <u>E. Werbrouck</u> <sup>1</sup> ; <u>T. Bourne</u> <sup>1,2</sup> ; <u>D. Timmerman</u> <sup>1</sup> <sup>1</sup> (Belgium); <sup>2</sup> (United Kingdom)	OC08.01
14:28	Discussion	
14:31	The role of transvaginal ultrasound during resectoscopic myomectomy <u>P. Casadio</u> ; <u>T. Ghi</u> ; <u>D. De Angelis</u> ; <u>E. Spagnolo</u> ; <u>L. Savelli</u> ; <u>A. Youssef</u> ; <u>M. Talamo</u> ; <u>M. Rizzo</u> ; <u>V. Milano</u> ; <u>G. Pelusi</u> (Italy)	OC08.02
14:36	Discussion	
14:39	Comparison of the fundal transverse endometrial diameters using 3D rendered images for those with embedded and normally placed IUD's <u>T. Shipp</u> ; <u>B. Bromley</u> ; <u>B. Benacerraf</u> (United States)	OC08.03
14:44	Discussion	
14:47	Sonohysterography with constant infusion pressure (SHG-CP) in the assessment of myomas qualified to hysteroscopic myomectomy <u>A. Ludwin</u> ; <u>I. Ludwin</u> ; <u>P. Basta</u> ; <u>A. Knafel</u> ; <u>T. Banas</u> ; <u>A. Basta</u> (Poland)	OC08.04 and OC08.05
14:52	Discussion	
14:55	Summary <u>H. Brolman</u>	
<b>15:00 - 15:40</b>	<b>OP06: Multiple pregnancy I: TTTS</b> <i>Chairs: A. Gagnon (Canada); K. Hodík (Czech Republic)</i>	<b>Forum Hall</b>
	<b>OP07: Abnormal uterine bleeding</b> <i>Chairs: E. Epstein (Sweden); T. Van den Bosch (Belgium)</i>	<b>Meeting Hall 1</b>
	<b>OP08: Fetal heart II: New techniques to assess cardiac function</b> <i>Chairs: A. Abuhamad (United States); F. Crispi (Spain)</i>	<b>North Hall</b>
	<b>OP09: Screening for Trisomy 21</b> <i>Chairs: A. Tabor (Denmark); L. Krofta (Czech Republic)</i>	<b>Club A</b>
	<b>OP10: Imaging technologies I</b> <i>Chairs: E. Hernandez-Andrade (Mexico); I. Zador (United States)</i>	<b>Club E</b>
<b>15:40 – 16:00</b>	<b>P06: Multiple pregnancy I: Monochorionic twins</b>	<b>Forum Hall</b>
	<b>P07: Abnormal uterine bleeding</b>	<b>Meeting Hall 1</b>

**P08: Fetal heart II: 3D/4D & STIC**

**North Hall**

**P09: Unusual syndromes**

**Club A**

**P10: Imaging technologies I**

**Club E**

15:40 - 16:10

**Coffee & poster viewing**

**Exhibition**

**16:00 - 17:30**

**Workshop: Advanced fetal neurosonography**

*Chairs: G. Pilu (Italy); I. Timor-Tritsch (United States)*

**Congress Hall  
Sponsored by  
Siemens**

16:00

Sonoembryology and early diagnosis of fetal anomalies  
*H. Blaas (Norway)*

16:15

Cleavage abnormalities of the telencephalon: from holoprosencephaly to seto-optic dysplasia  
*K. Kalache (Germany)*

16:30

Live scan demonstration: early 3D assessment of CNS  
*I. Timor-Tritsch (United States)*

16:50

Posterior fossa abnormalities  
*L. Guibaud (France)*

17:05

Normal and abnormal cortical development  
*G. Malinge (Israel)*

17:20

Limitations of prenatal ultrasound - panel discussion

**16:00 - 17:30**

**Workshop: Practical new tools in fetal echocardiography**

*Chairs: D. Paladini (Italy); R. Chaoui (Germany)*

**Forum Hall  
Sponsored by  
Philips**

16:00

Live scan demonstration: tools used in fetal echo: abdominal, transvaginal, grey-scale, m-mode, colour Doppler and 3D  
*W. Lee (United States)*

16:20

Four-chamber view anomalies: 2D, colour and 3D  
*D. Paladini (Italy)*

16:35

Outflow tract anomalies: 2D, colour and 3D  
*R. Chaoui (Germany)*

16:50

Aortic arch anomalies in 2D, colour and 3D  
*R. Chaoui (Germany)*

17:05

The fetal venous system: 2D, colour and 3D Cardiac and related syndromes: what is the leading sign? Outcome of fetal CHD: what are the fetal findings related to outcome?  
*B. Tutschek (Switzerland)*

17:20

Discussion

16:00 - 17:30

**Workshop: Early pregnancy complications**

*Chairs: S. Goldstein (United States); T. Bourne (United Kingdom)*

Meeting Hall 1

16:00

Diagnosing and managing miscarriage  
C. Bottomley (United Kingdom)

16:20

Practical management strategies for PUL  
E. Kirk (United Kingdom)

16:40

Diagnosing and managing ectopic pregnancy  
G. Condous (Australia)

17:00

Case examples and just images  
C. Bottomley (United Kingdom) ; G. Condous (Australia) ; E. Kirk (United Kingdom)

17:08

Case examples and just images  
G. Condous (Australia)

17:16

Case examples and just images  
E. Kirk (United Kingdom)

17:24

Summary  
T. Bourne (United Kingdom)

16:00 - 17:30

**Workshop: Doing it safely**

*Chairs: K. Salvesen (Norway); M. Claudon ()*

**Club A  
Sponsored by  
Siemens**

16:00

Live scan demonstration: physical mechanisms of ultrasound Acoustic streaming - scanner, waterbath, camera Transducer self heating - scanner, infrared camera  
G. Ter Haar (United Kingdom)

16:20

MI and TI: machine settings in Europe and the US today  
G. Ter Haar (United Kingdom)

16:35

What does the user know? Results from surveys 2003 and ISUOG 2010  
K. Maršál (Sweden)

16:50

Live scan demonstration: what happens with MI/TI/output when you alter machine settings?  
C. Lees (United Kingdom)

17:10

WFUMB statement on Doppler at 11-14 weeks scan  
M. Claudon

17:20

Discussion

<b>09:00 - 10:00</b>	<b>Fetal cardiac function</b> <i>Chairs: E. Gratacos (Spain); U. Gembruch (Germany)</i>	<b>Congress Hall</b> <b>Sponsored by</b> <b>Siemens</b>
09:00	Overview <u>E. Gratacos (Spain)</u>	
09:05	Live scan demonstration: functional assessment of the fetal heart <u>F. Crispi (Spain)</u>	
09:20	Effect of increased placental vascular resistance on the aortic isthmus blood flow: an experimental study in a chronic fetal sheep model <u>G. Acharya<sup>1</sup>; M. Haapsamo<sup>2</sup>; T. Erkinaro<sup>2</sup>; E. Bruun<sup>2</sup>; J. Junno<sup>2</sup>; J. Rasanen<sup>2,2</sup></u> <sup>1</sup> (Norway); <sup>2</sup> (Finland)	OC09.01
09:25	Discussion	
09:28	TAPSE: A new method of right heart performance evaluation in normal fetuses and pathologies measured with conventional or STIC M-mode <u>B. Messing; M. Lipschuetz; D. Valsky; H. Avnet; O. Shen; S. Cohen; S. Yagel (Israel)</u>	OC09.02, OC09.03 and OC09.04
09:33	Discussion	
09:36	A quantitative study of fetal diastolic ventricular function: establishing normal values of color M-mode propagation velocity <u>B. Zhao; H. Yuan; M. Pan; Y. Yang; P. Li; B. Wang; H. Xu; J. Lu; J. Shou (China)</u>	OC09.05
09:41	Discussion	
09:44	Semiautomatic endocardium deformation analysis to assess fetal cardiac function: clinical feasibility and comparison with Tissue Doppler Imaging <u>A. Perez-Moreno; F. Crispi; M. Comas; I. Amat-Roldan; E. Gratacós (Spain)</u>	OC09.06
09:49	Discussion	
09:52	Tissue Doppler: effect of ultrasound equipment on measuring fetal cardiac time intervals <u>J. Ritgen; R. Stressig; P. Kozlowski (Germany)</u>	OC09.07
09:57	Discussion	
<b>09:00 - 10:00</b>	<b>The assessment of pelvic pain</b> <i>Chairs: D. Timmerman (Belgium); S. Guerriero (Italy)</i>	<b>Forum Hall</b>
09:00	Do all endometrioma's have typical features and imaging rectovaginal nodules <u>C. Van Holsbeke (Belgium)</u>	
09:20	Rectal deep endometriosis: transrectal approach with transvaginal probe	OC10.01

to assess the infiltration of rectal mucosa  
*C. Exacoustos; E. Zupi; B. Szabolcs; V. Romeo; C. Amoroso; M. Romanini; D. Arduini (Italy)*

09:30	Discussion	
09:33	Common transvaginal sonographic features of adnexal/ovarian torsion <i>S. Giunchi; M. Kuleva; L. Savelli; M. Pesaresi; T. Ghi; F. Guasina; G. Pelusi (Italy)</i>	OC10.02
09:38	Discussion	
09:41	Is pain during and after Mirena® insertion related to the flexion of the uterus and the final position of the Mirena®? <i>D. Van Schoubroeck; E. Werbrouck; J. Veldman; A. Hindryckx; L. Ameye; D. Timmerman (Belgium)</i>	OC10.03
09:46	Discussion	
09:49	Can we predict pouch of Douglas obliteration and posterior compartment deep infiltrative endometriosis using sonovaginography in women undergoing laparoscopy for chronic pelvic pain? <i>S. Reid; M. Mongelli; J. Riemke; T. Bignardi; I. Casikar; D. Alhamdan; G. Reid; G. Condous (Australia)</i>	OC10.04 and OC10.05
09:54	Discussion	
09:57	Summary <i>D. Timmerman (Belgium)</i>	
<b>09:00 - 10:00</b>	<b>New imaging techniques</b> <i>Chairs: L. Platt (United States); D. Prayer (Austria)</i>	<b>Meeting Hall 1</b>
09:00	Overview <i>L. Platt (United States)</i>	
09:10	Placental and fetal oxygenation assessment in a rat model of intra uterine growth restriction with BOLD contrast in MRI <i>A. Sabine; B. Deloison; S. Nathalie; C. Charles-Andre; V. Yves; C. Olivier; L. Salomon (France)</i>	OC11.01
	SPIO-enhanced MR imaging study of placental perfusion in a rat model of intra-uterine growth restriction <i>B. Deloison; S. Aimot; N. Siauve; D. Balvay; R. Thiam; C. Cuenod; Y. Ville; O. Clement; L. Salomon (France)</i>	OC11.02
09:15	Discussion	
09:18	Fetal oxygenation during maternal hyperoxia as estimated by BOLD MRI. Initial results <i>A. Sørensen<sup>1,1</sup>; M. Pedersen<sup>1</sup>; B. Stausbøl-Grøn<sup>1</sup>; O. Christiansen<sup>1</sup>; G. Lingman<sup>2</sup>; N. Uldbjerg<sup>1</sup></i> <sup>1</sup> (Denmark); <sup>2</sup> (Sweden)	OC11.03
09:23	Discussion	
09:26	The usefulness of MRI in the diagnosis of fetal lung maturity <i>Y. Oka; T. Waseda; S. Makinoda (Japan)</i>	OC11.04
09:31	Discussion	

09:34	Surface area measurement using rendered three-dimensional ultrasound imaging: an in vitro phantom study <i>C. Ioannou; I. Sarris; M. Yaqub; A. Noble; K. Javaid; A. Papageorgiou (United Kingdom)</i>	OC11.05
09:39	Discussion	
09:42	Imaging the fetus at first trimester: a solution to improve resolution <i>C. Lombardi (Italy)</i>	OC11.06
09:47	Discussion	
09:50	*Embryonic brain ventricle development and volumetry in virtual reality <i>M. Rousian; A. Koning; P. Van der Spek; N. Exalto; E. Steegers (Netherlands)</i>	OC11.07
09:55	Discussion	
<b>10:00 – 10:40</b>	<b>OP11: Pelvic pain</b> <i>Chairs: G. Condous (Australia); M. Bij de Vaate (Netherlands)</i>	<b>Forum Hall</b>
	<b>OP12: Fetal heart III: Circulation and rhythm in congenital heart disease</b> <i>Chairs: U. Gembruch (Germany); J. Carvalho (United Kingdom)</i>	<b>Meeting Hall 1</b>
	<b>OP13: Preterm labour</b> <i>Chairs: R. Romero (United States); P. Calda (Czech Republic)</i>	<b>North Hall</b>
	<b>OP14: Adverse outcome of pregnancy and pelvic floor</b> <i>Chairs: K. Kalache (Germany); K. Svabik (Czech Republic)</i>	<b>Club A</b>
	<b>OP15: CNS II: Fetal brain anomalies</b> <i>Chairs: G. Malinger (Israel); H. Blaas (Norway)</i>	<b>Club E</b>
<b>10:40 – 10:55</b>	<b>P11: Pelvic pain and reproductive medicine</b>	<b>Forum Hall</b>
	<b>P12: Fetal heart III: Fetal cardiac function</b>	<b>Meeting Hall 1</b>
	<b>P13: Preterm labour</b>	<b>North Hall</b>
	<b>P14: Adverse outcome of pregnancy and pelvic floor</b>	<b>Club A</b>
	<b>P15: CNS II: Fetal brain anomalies</b>	<b>Club E</b>
10:30 - 11:00	<b>Coffee &amp; poster viewing</b>	<b>Exhibition</b>

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\* This presentation is eligible for the Young Investigator award (to be presented at the closing ceremony)

11:00 - 12:30	<b>CNS imaging in early pregnancy</b> <i>Chairs: G. Pilu (Italy); I. Timor-Tritsch (United States)</i>	<b>Congress Hall</b> <b>Sponsored by</b> <b>Toshiba</b>
11:00	Suspicion of spina bifida at the 11-14 weeks scan <i>R. Chaoui<sup>1</sup>; B. Benoit<sup>3</sup>; K. Heling<sup>1</sup>; K. Nicolaides<sup>2</sup></i> <i><sup>1</sup>(Germany); <sup>2</sup>(United Kingdom); <sup>3</sup>(Monaco)</i>	OC12.01
11:05	Discussion	
11:08	Spina bifida detection at 11-14 weeks: systematic analysis of technical factors associated with false-positive and false-negative image interpretation <i>I. Solt; M. Kim; J. Acuna; A. Adeniji; C. Morales; S. Rotmensch (United States)</i>	OC12.02
11:13	Discussion	
11:16	Visualization of the fourth ventricle in first trimester fetuses with a normal spine versus spina bifida <i>J. Acuna; I. Solt; A. Adeniji; J. Mirocha; M. Kim; S. Rotmensch (United States)</i>	OC12.03
11:21	Discussion	
11:24	Efficiency and repeatability of recently described markers of early neurosonogram <i>D. Iliescu; A. Comanescu; S. Tudorache; L. Novac; R. Capitanescu; M. Manolea; A. Martin; G. Adam; L. Dijmarescu; N. Cernea (Romania)</i>	OC12.04
11:29	Discussion	
11:32	Visualization and measurement of the cisterna magna and maximal posterior fossa translucency for spina bifida screening at 11-13 weeks gestation <i>I. Solt; M. Kim; A. Adeniji; J. Acuna; J. Mirocha; S. Rotmensch (United States)</i>	OC12.05
11:37	Discussion	
11:40	Embryonic growth and development of the cerebellum using three-dimensional ultrasound <i>M. Rousian; I. Groenenberg; N. Exalto; E. Steegers (Netherlands)</i>	OC12.06
11:45	Discussion	
11:48	Early (15-20 week) ultrasound findings in type-2 cobblestone cortex lissencephaly <i>A. Toi; K. Fong; D. Chitayat; P. Shannon; S. Blaser (Canada)</i>	OC12.07
11:53	Discussion	
11:56	Absence of intracranial translucency on first trimester screen as a prediction of open neural tube defects <i>A. Shah; D. Lewis; N. Vohra (United States)</i>	OC12.08
12:01	Discussion	
12:04	Summary <i>G. Pilu (Italy)</i>	

12:14	Live scan demonstration: intracranial translucency <i>R. Chaoui (Germany)</i>	
<b>11:00 - 12:30</b>	<b>Reproductive medicine</b> <i>Chairs: S. Campbell (United Kingdom); S. Goldstein (United States)</i>	<b>Forum Hall</b>
11:00	Should all infertility patients have an ultrasound scan before treatment? <i>J. Levallant (France)</i>	
11:15	Discussion	
11:18	Ultrasonographically controlled access to peritoneal cavity in gynaecology <i>A. Sobek; O. Koutna; T. Cepelak; A. Sobek (Czech Republic)</i>	OC13.01
11:23	Discussion	
11:26	Prediction of IVF outcome at different cut-off levels of antral follicle count in a prospective cohort of 1012 women <i>K. Jayaprakasan; Y. Chan; R. Islam; Z. Haoula; S. Sur; S. Deb; J. Clewes; N. Raine-Fenning (United Kingdom)</i>	OC13.02
11:31	Discussion	
11:34	Assessment of endometrial and subendometrial blood flow in women undergoing frozen embryo replacement and its relationship to conception <i>A. Nandi; K. Jayaprakasan; J. Clewes; N. Raine-Fenning (United Kingdom)</i>	OC13.03
11:39	Discussion	
11:42	Association between early first-trimester CRL measurement of a live embryo and adverse pregnancy outcome in IVF patients <i>A. Ben-Haroush; I. Meizner; N. Melamed; E. Hadar; R. Masiach; B. Fisch (Israel)</i>	OC13.04
11:47	Discussion	
11:50	Impact of uterine anomalies upon pregnancy in women conceiving following assisted reproduction treatment <i>Y. Chan; K. Jayaprakasan; S. Sur; S. Deb; J. Clewes; N. Raine-Fenning (United Kingdom)</i>	OC13.05
11:55	Discussion	
11:58	Pregnancy rate after automated three-dimensional (3D) coded contrast imaging (CCI) hysterosalpingo-contrast sonography (HyCoSy) <i>A. Di Giovanni; C. Exacoustos; V. Romeo; B. Szabolcs; E. Vaquero; E. Zupi; D. Arduini (Italy)</i>	OC13.06
12:03	Discussion	
12:06	Factors influencing outcome after IVF (including uterine anomalies) <i>N. Raine-Fenning (United Kingdom)</i>	

12:21	*Classification of Mullerian duct anomalies using three dimensional ultrasound and reproductive outcomes after in vitro fertilization <i>A. Kim; J. Han; C. Eunmi; J. Kim; H. Seok; S. Lyu; T. Yoon (Republic of Korea)</i>	OC13.07
12:26	Discussion	
12:29	Summary <i>N. Raine-Fenning (United Kingdom)</i>	
<b>11:00 - 12:30</b>	<b>Obstetric management</b> <i>Chairs: A. Ngu (Australia); Z. Alfirevic (United Kingdom)</i>	<b>Meeting Hall 1</b>
11:00	Overview <i>Z. Alfirevic (United Kingdom)</i>	
11:05	Obstetrical sonography: tricks of the trade <i>A. Abuhamad (United States)</i>	
11:25	Sonographic characteristics of the uterus within 6 weeks following Cesarean section <i>E. Dosedla<sup>1</sup>; P. Calda<sup>2</sup></i> <i><sup>1</sup>(Slovakia); <sup>2</sup>(Czech Republic)</i>	OC14.01
11:30	Discussion	
11:33	The practice of abdominal ultrasound in cases of severe or life-threatening post-partum haemorrhage: evaluation in 137 patients in a French tertiary care center <i>O. Morel; R. Lousquy; C. Malartic; E. Gayat; Y. Fargeaudou; P. Soyer; E. Barranger (France)</i>	OC14.02
11:38	Discussion	
11:41	First trimester transvaginal ultrasound of the isthmus in patients with prior caesarean: is it a scar that we see? <i>J. Stirnemann; N. Saidji; L. Salomon; J. Bernard; Y. Ville (France)</i>	OC14.03
11:46	Discussion	
11:49	The role of maternal and additional fetal variables in fetal weight estimation near term: implications and accuracy <i>P. Mustoni<sup>1</sup>; V. Mantegazza<sup>1</sup>; S. Rigano<sup>1</sup>; S. Di Francesco<sup>1</sup>; S. Fiore<sup>1</sup>; C. Boria<sup>2</sup>; E. Ferrazzi<sup>1</sup></i> <i><sup>1</sup>(Italy); <sup>2</sup>(United Kingdom)</i>	OC14.04
11:54	Discussion	
11:57	Sonographic prediction of fetal macrosomia: the effect of model and threshold used <i>N. Melamed; A. Ben-Haroush; Y. Yogev; R. Mashiach; I. Meizner (Israel)</i>	OC14.05
12:02	Discussion	

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12:05	NO donors and volume expansion added to antihypertensive therapy in gestational hypertension decreases systemic vascular resistance and complications <i>G. Novelli; B. Vasapollo; G. Gagliardi; D. Manfellotto; H. Valensise (Italy)</i>	OC14.06
12:10	Discussion	
12:13	Cervical length and maternal factors in prediction of duration of labor and mode of delivery <i>M. Marinkovic; Z. Mikovic; N. Karadzov; B. Pazin; D. Mojovic (Serbia)</i>	OC14.07
12:18	Discussion	
12:21	The infrapubic fetal occiput: an objective sign of imminent vaginal delivery <i>E. Contro; M. Nobile; T. Ghi; G. Pilu (Italy)</i>	OC14.08
12:26	Discussion	
12:30 - 14:00	<b>Lunch and satellite sponsor activities</b>	<b>Exhibition</b>
12:45 - 13:45	<b>Siemens satellite symposium</b>	<b>Congress Hall</b>
12:45 - 13:45	<b>Medison satellite symposium</b>	<b>Forum Hall</b>
<b>14:00 - 15:00</b>	<b>Multiple pregnancy</b> <i>Chairs: K. Hecher (Germany); L. Lewi ()</i>	<b>Congress Hall Sponsored by Medison</b>
14:00	Overview <i>L. Lewi</i>	
14:05	Live scan demonstration: title to be confirmed <i>W. Sepulveda (Chile)</i>	
14:20	Prenatal determination of placental cord insertion site in monochorionic and dichorionic twin gestations: a predictor of growth discordance? <i>F. Breathnach; F. McAuliffe; M. Geary; S. Daly; J. Higgins; J. Dornan; J. Morrison; G. Burke; S. Higgins; S. Carroll; F. Malone (Ireland)</i>	OC15.01
14:25	Discussion	
14:28	Twin pregnancy: screening test for spontaneous preterm delivery and preeclampsia during the second trimester of pregnancy <i>M. Parra-Cordero; M. Rodríguez; R. Díaz; G. Rencoret; E. Valdés; H. Muñoz (Chile)</i>	OC15.02
14:33	Discussion	
14:36	Intratwin weight discordance and the prediction of successful vaginal twin birth: the ESPRiT Study	OC15.03

*F. Breathnach; F. McAuliffe; M. Geary; S. Daly; J. Higgins; J. Dornan; J. Morrison; G. Burke; S. Higgins; S. Carroll; F. Malone (Ireland)*

14:41 Discussion

14:44 Vascular development and responses in twins: influence of monochorionicity, inter-twin transfusion and fetal therapy OC15.04  
*H. Gardiner<sup>1,1</sup>; H. Matsui<sup>1,1</sup>; K. Hecher<sup>2</sup>; A. Diemert<sup>2</sup>; M. Taylor<sup>1</sup>; S. Greenwald<sup>1</sup>; A. Barlas<sup>1</sup>; J. Preece<sup>1</sup>; F. Gordon<sup>1</sup>*  
<sup>1</sup>(United Kingdom); <sup>2</sup>(Germany)

14:49 Discussion

14:52 Results of cord coagulation and section with laser in a clinical series of 17 monoamniotic pregnancies as compared with conventional cord occlusion OC15.05  
*M. Martinez-Serrano; E. Eixarch; M. Sanz-Cortes; F. Crispi; R. Cruz-Martinez; J. Martinez; E. Gratacós (Spain)*

14:57 Discussion

**14:00 - 15:00 Using ultrasound to assess urogynecology patients Forum Hall**  
*Chairs: H. Dietz (Australia); J. Masata (Czech Republic)*

14:00 The correlation between ultrasound findings of the pelvic floor, patient symptoms and pathology  
*J. Deprest (Belgium)*

14:20 Association between transperineal ultrasound findings and anal incontinence in a follow-up study of anal sphincter tears OC16.01  
*D. Valsky; S. Cohen; M. Lipschuetz; B. Messing; R. Drai-Hassid; D. Hochner-Celnikier; S. Yagel (Israel)*

14:25 Discussion

14:28 Avulsion of the puborectalis muscle causes asymmetry of the levator hiatus OC16.02  
*H. Dietz; R. Bhalla; V. Chantarasorn; K. Shek (Australia)*

14:33 Discussion

14:36 3D perineal ultrasound: correlation of persisting pelvic floor disorders and hiatal measurements immediately after the first delivery OC16.03  
*A. Falkert; A. Willmann; E. Endress; P. Meint; B. Seelbach-Goebel (Germany)*

14:41 Discussion

14:44 Levator ani injury diagnosed by 3DTUS 6-12 months postpartum is associated with clinical complaints OC16.04  
*A. Bord; S. Yagel; L. Shick-Naveh; M. Lipschuetz; R. Drai-Hassid; B. Messing; D. Valsky (Israel)*

14:49 Discussion

14:52 Summary  
*H. Dietz (Australia)*

**14:00 - 15:00 Preterm labour Meeting Hall 1**

*Chairs: R. Romero (United States); C. Brezinka (Austria)*

14:00	Preterm delivery <i>Z. Alfirevic (United Kingdom)</i>	
14:20	Risk assessment for early spontaneous preterm delivery combining markers from the first and second trimester of pregnancy <i>M. Parra-Cordero; D. Pedraza; G. Rencoret; H. Muñoz; R. Terra; E. Valdes (Chile)</i>	OC17.01
14:25	Discussion	
14:28	Cervical bacterial colonization and cervical length in women with threatening preterm labor <i>D. Bomba-Opon; K. Kosinska-Kaczynska; P. Kosinski; M. Wielgos; R. Bartkowiak (Poland)</i>	OC17.02
14:33	Discussion	
14:36	A new method for prediction of preterm birth (PTB): fetal zone enlargement <i>O. Turan; S. Turan; E. Funai; I. Buhimschi; C. Harman; J. Copel; A. Baschat (United States)</i>	OC17.03
14:41	Discussion	
14:44	Transvaginal ultrasonography in asymptomatic high risk women with a short cervical length in the previous pregnancy <i>J. Crane; D. Hutchens (Canada)</i>	OC17.04
14:49	Discussion	
14:52	Cervical gland area as an ultrasonographic marker for predicting preterm delivery in high risk pregnant women <i>V. Marsoosi; M. Mashhadian; S. Ziaee; M. Asghari (Islamic Republic of Iran)</i>	OC17.05
14:57	Discussion	
<b>15:00 - 15:40</b>	<b>OP16: Reproductive medicine</b> <i>Chairs: N. Raine-Fenning (United Kingdom); S. Guerriero (Italy)</i>	<b>Forum Hall</b>
	<b>OP17: First trimester II: Improving quality of screening for aneuploidy</b> <i>Chairs: A. Tabor (Denmark); F. Prefumo (Italy)</i>	<b>Meeting Hall 1</b>
	<b>OP18: Fetal anomalies I: Fetal face and chest assessments</b> <i>Chairs: B. Benacerraf (United States); E. Merz (Germany)</i>	<b>North Hall</b>
	<b>OP19: Multiple pregnancy II</b> <i>Chairs: A. Gagnon (Canada); L. Salomon (France)</i>	<b>Club A</b>
	<b>OP20: Imaging technologies II</b> <i>Chairs: D. Prayer (Austria); I. Zador (United States)</i>	<b>Club E</b>
<b>15:40 – 16:00</b>	<b>P16: Early pregnancy II</b>	<b>Forum Hall</b>

	<b>P17: First trimester II: aneuploidy and anomalies</b>	<b>Meeting Hall 1</b>
	<b>P18: Fetal anomalies I: Fetal face and chest assessment</b>	<b>North Hall</b>
	<b>P19: Multiple pregnancy II</b>	<b>Club A</b>
	<b>P20: Imaging technologies II</b>	<b>Club E</b>
15:40 - 16:10	<b>Coffee &amp; poster viewing</b>	<b>Exhibition</b>
<b>16:00 - 17:30</b>	<b>Workshop: Molecular vs ultrasound screening for T21</b> <i>Chairs: S. Yagel (Israel); W. Holzgreve (Germany)</i>	<b>Congress Hall</b> <b>Sponsored by Philips</b>
16:00	Live scan demonstration: the second trimester genetic sonogram <i>D. Nyberg (United States)</i>	
16:20	Fetal cells and fetal DNA in maternal blood: past, present and future <i>W. Holzgreve (Germany)</i>	
16:35	Maternal serum testing for fetal RNA-SNP and fetal DNA methylation for direct detection of T21 <i>S. Yagel (Israel)</i>	
16:50	Ultrasound screening for Trisomy 21 in the first trimester <i>K. Kagan (Germany)</i>	
17:05	The second trimester genetic sonogram <i>B. Benacerraf (United States)</i>	
17:20	Panel discussion	
<b>16:00 - 17:30</b>	<b>Workshop: Fertility: assessing the ovarian reserve and the uterus</b> <i>Chairs: N. Raine-Fenning (United Kingdom); J. Levailant (France)</i>	<b>Forum Hall</b> <b>Sponsored by GE</b>
16:00	Live scan demonstration: how to assess ovarian reserve - ultrasound, FSH or AMH? <i>N. Raine-Fenning (United Kingdom)</i>	
16:20	Do mural fibroids or hydrosalpinges matter in fertility patients? <i>L. Nardo (United Kingdom)</i>	
16:40	Evaluating the uterus with 3D ultrasound in the fertility clinic <i>J. Levailant (France)</i>	
17:00	Case discussion and images <i>N. Raine-Fenning (United Kingdom) ; A. Coomrasamy (United Kingdom) ; J. Levailant (France)</i>	
17:10	Case discussion and images <i>J. Levailant (France)</i>	
17:20	Summary <i>N. Raine-Fenning (United Kingdom)</i>	

16:00 - 17:30

**Workshop: Doppler in screening**

Meeting Hall 1

Chairs: *K. Maršál (Sweden); S. Eik-Nes (Norway)*

***First trimester is best for uterine Doppler based PET/FGF risk predictions***

16:00 Argument for:  
*A. Baschat (United States)*

16:10 Argument against:  
*C. Lees (United Kingdom)*  
*C. Brezinka (Austria)*

16:20 Chair summary and short responses

16:30 Chair and audience questions

16:42 Vote

***Umbilical artery Doppler is a tool for screening, not management***

16:45 Argument for:  
*Z. Alfievic (United Kingdom)*  
*A. Papageorgiou (United Kingdom)*

16:55 Argument against:  
*S. Campbell (United Kingdom)*  
*S. Gudmundsson (Sweden)*

17:05 Chair summary and short responses

17:15 Chair and audience questions

17:27 Vote

16:00 - 17:30

**Workshop: Borderline findings**

North Hall

Chairs: *D. Paladini (Italy); A. Abuhamad (United States)*

16:00 CNS: Blake's vs vermian hypoplasia, a recently born conflict  
*D. Paladini (Italy)*

16:15 CNS: Agenesis of the corpus callosum, a prognostic dilemma  
*A. Abuhamad (United States)*

16:30 Heart: minor cardiac findings (LSVC, ARSA, VSD, RAA) and karyotyping  
*J. Cope! (United States)*

16:45 Heart: microdeletion 22q11: brilliant diagnosis and then?  
*R. Chaoui (Germany)*

17:00 Borderline lateral ventricles; work-up and counseling  
*A. Abuhamad (United States)*

17:15 First trimester: enlarged NT and normal karyotype - a detailed analysis of the 5-10% 'abnormal outcome cases'  
*C. Bilardo (Netherlands)*

# Wednesday 13 October 2010

<b>09:00 - 10:00</b>	<b>Maternal fetal Doppler</b> <i>Chairs: S. Eik-Nes (Norway); P. Calda (Czech Republic)</i>	<b>Congress Hall</b> <b>Sponsored by</b> <b>Philips</b>
09:00	Overview <u>S. Eik-Nes</u> (Norway)	
09:05	Live scan demonstration: optimising maternal fetal Doppler <u>A. Papageorgiou</u> (United Kingdom)	
09:20	Tissue Doppler imaging: the effect of maternal diabetes on fetal cardiac kinetics <u>J. Ritgen</u> ; <u>P. Kozlowski</u> ; <u>R. Stressig</u> (Germany)	OC18.01
09:25	Discussion	
09:28	High-amplitude inspiratory movement in the fetus obstructs the inferior vena cava (IVC) enhancing upper body gas transport <u>M. Nyberg</u> ; <u>S. Johnsen</u> ; <u>T. Kiserud</u> (Norway)	OC18.02
09:33	Discussion	
09:36	The development of hepatic arterial and venous blood flow patterns in macrosomic fetuses <u>C. Ebbing</u> <sup>1</sup> ; <u>S. Rasmussen</u> <sup>1,1</sup> ; <u>K. Godfrey</u> <sup>2</sup> ; <u>M. Hanson</u> <sup>2</sup> ; <u>T. Kiserud</u> <sup>1,1</sup> <sup>1</sup> (Norway); <sup>2</sup> (United Kingdom)	OC18.03
09:41	Discussion	
09:44	Direct measurement of blood flow into the intervillous space and its relationship with uterine artery waveform and the small for gestational age baby <u>S. Collins</u> ; <u>J. Birks</u> ; <u>A. Papageorgiou</u> ; <u>L. Impey</u> (United Kingdom)	OC18.04 and OC18.05
09:49	Discussion	
09:52	Maternal cardiac systolic and diastolic function in term pre-eclampsia <u>K. Melchiorre</u> ; <u>I. Watt-Coote</u> ; <u>A. Papageorgiou</u> ; <u>G. Sutherland</u> ; <u>B. Thilaganathan</u> (United Kingdom)	OC18.06
09:57	Discussion	
<b>09:00 - 10:00</b>	<b>Diagnosis and management of ovarian pathology</b> <i>Chairs: D. Timmerman (Belgium); B. Benacerraf (United States)</i>	<b>Forum Hall</b>
09:00	The characteristics and management of benign ovarian and other cystic findings in the pelvis <u>L. Savelli</u> (Italy)	
09:20	Additional value of CA-125 to ultrasound for predicting specific diagnosis of benign adnexal cysts in premenopausal women <u>J. Alcazar</u> <sup>1</sup> ; <u>S. Guerriero</u> <sup>2</sup> ; <u>C. Laparte</u> <sup>1</sup> ; <u>S. Ajossa</u> <sup>2</sup> ; <u>J. Minguez</u> <sup>1</sup> ; <u>M. Angiolucci</u> <sup>2</sup> ; <u>M. Garcia Manero</u> <sup>1</sup> ; <u>G. Melis</u> <sup>2</sup> <sup>1</sup> (Spain); <sup>2</sup> (Italy)	OC19.01

09:25	Discussion	
09:28	Intra- and inter-observer agreement in the assessment of three-dimensional ultrasound volumes of adnexal masses using IOTA criteria <i>P. Sladkevicius; L. Valentin (Sweden)</i>	OC19.02
09:33	Discussion	
09:36	Contrast-enhanced sonography in the preoperative diagnosis of ovarian tumors considered difficult to classify by ultrasound examiners <i>L. Veyer; H. Marret; A. Bleuzen; E. Simon; L. Ouldamer; G. Body; F. Tranquart (France)</i>	OC19.03
09:41	Discussion	
09:44	Diagnostic performance of transvaginal gray-scale ultrasound for specific diagnosis of common benign ovarian cysts related to menopausal status <i>J. Alcazar<sup>1</sup>; S. Guerriero<sup>2</sup>; C. Laparte<sup>1</sup>; S. Ajossa<sup>2</sup>; A. Ruiz Zambrana<sup>1</sup>; G. Melis<sup>2</sup> <sup>1</sup>(Spain); <sup>2</sup>(Italy)</i>	OC19.04
09:49	Discussion	
09:52	Summary <i>B. Benacerraf (United States)</i>	
<b>09:00 - 10:00</b>	<b>In-utero interventions</b> <i>Chairs: Y. Ville (France); A. Tabor (Denmark)</i>	<b>Meeting Hall 1</b>
09:00	Overview <i>Y. Ville (France)</i>	
09:05	What is the real loss rate from invasive testing? <i>A. Tabor (Denmark)</i>	
09:20	Inferring risk factors for limb amputation in extremity amniotic band. Results from an experimental ultrasound and Doppler ovine model <i>J. Bello-Muñoz; F. Soldado; G. Villagomez Martinez; J. Peiró; E. Carreras Moratonas; L. Cabero (Spain)</i>	OC20.01
09:25	Discussion	
09:28	Evaluation of intrapulmonary Doppler in prediction of morbidity in fetuses with congenital diaphragmatic hernia treated with fetal endoscopic tracheal occlusion <i>R. Cruz-Martinez; O. Moreno-Alvarez; J. Martinez; B. Puerto; E. Hernandez-Andrade; E. Gratacos (Spain)</i>	OC20.02
09:33	Discussion	
09:36	Sonographic findings before and after maternal administration of hyperimmune globulin in women with fetal cytomegalovirus infection <i>N. Gussetti; S. Visentin; R. Manara; V. Citton; E. Salviato; E. Cosmi (Italy)</i>	OC20.03
09:41	Discussion	
09:44	Maternal obesity and fetal loss rates from prenatal invasive procedures <i>A. Odibo; A. Cahill; G. Macones; J. Crane (United States)</i>	OC20.04

09:49	Discussion	
09:52	Childhood cardiac function following severe fetal red cell isoimmunization <i>J. Dickinson; J. Sharpe; T. Warner; E. Nathan; L. D'Orsogna (Australia)</i>	OC20.05
09:57	Discussion	
<b>10:00 - 10:40</b>	<b>OP21: Managing ovarian masses</b> <i>Chairs: C. Van Holsbeke (Belgium); L. Valentin (Sweden)</i>	<b>Forum Hall</b>
	<b>OP22: Fetal heart IV: 3D/4D US</b> <i>Chairs: J. Carvalho (United Kingdom); J. Copel (United States)</i>	<b>Meeting Hall 1</b>
	<b>OP23: First trimester III: anomalies</b> <i>Chairs: J. Sonek (United States); K. Kagan (Germany)</i>	<b>North Hall</b>
	<b>OP24: Maternal fetal Doppler I</b> <i>Chairs: S. Gudmundsson (Sweden); F. Figueras (Spain)</i>	<b>Club A</b>
	<b>OP25: CNS III: 3D ultrasound in fetal brain anomalies</b> <i>Chairs: G. Pilu (Italy); G. Malinge (Israel)</i>	<b>Club E</b>
<b>10:40 – 10:55</b>	<b>P21: Managing ovarian masses</b>	<b>Forum Hall</b>
	<b>P22: Fetal heart IV</b>	<b>Meeting Hall 1</b>
	<b>P23: Incomplete splitting in multiple pregnancy</b>	<b>North Hall</b>
	<b>P24: Maternal fetal Doppler</b>	<b>Club A</b>
	<b>P25: CNS III: 3D ultrasound in fetal brain anomalies</b>	<b>Club E</b>
10:30 - 11:00	<b>Coffee &amp; poster viewing</b>	<b>Exhibition</b>
<b>11:00 - 12:30</b>	<b>Workshop: Fetal surveillance</b> <i>Chairs: K. Hecher (Germany); C. Bilardo (Netherlands)</i>	<b>Congress Hall</b> <b>Sponsored by</b> <b>Siemens</b>
11:00	Doppler monitoring <i>C. Bilardo (Netherlands)</i>	
11:15	Biophysical monitoring <i>L. Platt (United States)</i>	
11:30	Live scan demonstration: the monitoring scan <i>C. Lees (United Kingdom)</i>	
11:50	Monitoring interval and intervention for specific conditions <i>A. Baschat (United States)</i>	

12:05	Panel discussion	
<b>11:00 – 12:30</b>	<b>Scanning asymptomatic women - cancer screening</b> <i>Chairs: L. Valentin (Sweden); L. Platt (United States)</i>	<b>Forum Hall</b>
11:00	The current state of the UKTOCS trial: CA 125 or ultrasound for ovarian cancer screening - or nothing? <u>S. Campbell</u> (United Kingdom)	
11:15	Screening for uterine tumours <u>T. Van den Bosch</u> (Belgium)	
11:30	How to manage “chance findings” of pelvic pathology <u>L. Valentin</u> (Sweden)	
11:45	Expectant management for sonographically benign cysts in asymptomatic premenopausal women: long term follow-up study <u>J. Alcazar</u> <sup>1</sup> ; <u>B. Olartecoechea</u> <sup>1</sup> ; <u>S. Guerriero</u> <sup>2</sup> ; <u>S. Ajossa</u> <sup>2</sup> ; <u>G. Melis</u> <sup>2</sup> ; <u>M. Jurado</u> <sup>1</sup> <sup>1</sup> (Spain); <sup>2</sup> (Italy)	OC21.01
11:50	Discussion	
11:53	Incidence and regression of functional ovarian cysts <u>M. Pascual</u> ; <u>B. Graupera</u> ; <u>L. Hereter</u> ; <u>C. Pedrero</u> ; <u>M. Fernandez-Cid</u> ; <u>A. Rotili</u> (Spain)	OC21.02
11:58	Discussion	
12:01	Natural history of asymptomatic endometrial polyps in postmenopausal women: a 10-years follow-up study <u>F. Leone</u> ; <u>C. Marciante</u> ; <u>C. Lanzani</u> ; <u>E. Ferrazzi</u> (Italy)	OC21.03
12:06	Discussion	
12:09	Endometrial thickness and the prevalence of endometrial carcinoma in asymptomatic postmenopausal patients, a systematic review of the literature <u>M. Breijer</u> ; <u>J. Peeters</u> ; <u>B. Opmeer</u> ; <u>B. Mol</u> ; <u>A. Timmermans</u> (Netherlands)	OC21.04
12:14	Discussion	
12:17	Saline contrast sonohysterography with liquid-based endometrial cytology in post-menopausal patients <u>F. Leone</u> ; <u>C. Marciante</u> ; <u>A. Crepaldi</u> ; <u>F. Pagano</u> ; <u>M. Antonacci</u> ; <u>G. Tosi</u> ; <u>G. Vago</u> ; <u>E. Ferrazzi</u> (Italy)	OC21.05
12:22	Discussion	
12:25	Summary <u>L. Platt</u> (United States)	
<b>11:00 - 12:30</b>	<b>Workshop: Ultrasound in labour</b> <i>Chairs: T. Ghi (Italy); K. Salvesen (Norway)</i>	<b>Meeting Hall 1</b>
11:00	An update on mechanical complications of labour <u>G. Pilu</u> (Italy)	

11:00	Ultrasound in the second stage <i>K. Kalache (Germany)</i>	
11:00	3D ultrasound in the second stage <i>T. Ghi (Italy)</i>	
11:00	Ultrasound in peripartum complications <i>K. Salvesen (Norway)</i>	
12:30 - 14:00	<b>Lunch and satellite sponsor activities (2)</b>	<b>Exhibition</b>
12:45 - 13:45	<b>GE satellite symposium</b>	<b>Congress Hall</b>
<b>14:00 - 15:00</b>	<b>Long term outcome in fetal growth restriction</b> <i>Chairs: K. Maršál (Sweden); K. Hecher (Germany)</i>	<b>Congress Hall</b> <b>Sponsored by</b> <b>Toshiba</b>
14:00	Overview <i>K. Maršál (Sweden)</i>	
14:05	Live scan demonstration: central fetal haemodynamics <i>C. Brezinka (Austria)</i>	
14:20	Neurobehavioral outcome of early-onset growth restricted fetuses with and without brain sparing <i>F. Figueras; R. Cruz-Martinez; M. Sanz-Cortes; N. Padilla; F. Botet; A. Arranz; C. Carmen; E. Gratacos (Spain)</i>	OC22.01
14:25	Discussion	
14:28	Combination of the aortic isthmus with ductus venosus improves the prediction of neurological damage in early-onset intrauterine growth restricted fetuses <i>R. Cruz-Martinez; F. Figueras; V. Tenorio; D. Valsky; A. Arranz; F. Crispi; E. Hernandez-Andrade; E. Gratacós (Spain)</i>	OC22.02
14:33	Discussion	
14:36	Cognitive function following intrauterine growth restriction and very preterm birth <i>E. Morsing; M. Åsard; D. Ley; K. Stjernqvist; K. Marsal; J. Brodzki (Sweden)</i>	OC22.03
14:41	Discussion	
14:44	Cardiovascular remodeling in children who suffered growth restriction in utero <i>F. Crispi<sup>1</sup>; B. Bijmens<sup>1</sup>; F. Figueras<sup>1</sup>; J. Bartrons<sup>1</sup>; E. Eixarch<sup>1</sup>; F. Le Noble<sup>2</sup>; A. Ahmed<sup>3</sup>; E. Gratacós<sup>1</sup></i> <i><sup>1</sup>(Spain); <sup>2</sup>(Germany); <sup>3</sup>(United Kingdom)</i>	OC22.04

14:49	Discussion	
14:52	*Vascular properties and vascular function at early school age following IUGR with abnormal fetal blood flow and very preterm birth <i>E. Morsing; K. Marsal; J. Brodzki (Sweden)</i>	OC22.05
14:57	Discussion	
<b>14:00 - 15:00</b>	<b>Mathematical models and new second stage tests to assess the ovary</b> <i>Chairs: T. Bourne (United Kingdom); L. Savelli (Italy)</i>	<b>Forum Hall</b>
14:00	Overview of the IOTA project and next steps <i>D. Timmerman (Belgium)</i>	
14:20	New logistic regression model to predict ovarian malignancy in cases for which simple ultrasound rules are not applicable <i>L. Ameye<sup>1</sup>; D. Fischerova<sup>2</sup>; L. Valentin<sup>3</sup>; E. Epstein<sup>3</sup>; F. Leone<sup>4</sup>; G. Melis<sup>4</sup>; S. Guerriero<sup>4</sup>; C. Van Holsbeke<sup>1</sup>; J. Veldman<sup>1</sup>; L. Savelli<sup>4</sup>; R. Fruscio<sup>4</sup>; A. Lissoni<sup>4</sup>; A. Testa<sup>4</sup>; I. Vergote<sup>1</sup>; S. Van Huffel<sup>1</sup>; B. Van Calster<sup>1</sup>; D. Timmerman<sup>1</sup></i> <i><sup>1</sup>(Belgium); <sup>2</sup>(Czech Republic); <sup>3</sup>(Sweden); <sup>4</sup>(Italy)</i>	OC23.01
14:25	Discussion	
14:28	Which histologies limit the ability of CA-125 to characterize adnexal masses? An observational study of 3511 patients <i>B. Van Calster<sup>1</sup>; C. Van Holsbeke<sup>1,1</sup>; J. Zhang<sup>2</sup>; D. Jurkovic<sup>3</sup>; A. Lissoni<sup>4</sup>; L. Valentin<sup>5</sup>; A. Testa<sup>4</sup>; A. Czekierdowski<sup>6</sup>; D. Fischerova<sup>7</sup>; G. Van de Putte<sup>1</sup>; I. Vergote<sup>1</sup>; S. Van Huffel<sup>1</sup>; T. Bourne<sup>1,3</sup>; D. Timmerman<sup>1</sup></i> <i><sup>1</sup>(Belgium); <sup>2</sup>(China); <sup>3</sup>(United Kingdom); <sup>4</sup>(Italy); <sup>5</sup>(Sweden); <sup>6</sup>(Poland); <sup>7</sup>(Czech Republic)</i>	OC23.02
14:33	Discussion	
14:36	Accuracy of diagnostic parameters used for contrasted sonography of ovarian masses <i>A. Fleischer; A. Lyshchik; D. Fishman (United States)</i>	OC23.03
14:41	Discussion	
14:44	Which adnexal masses are difficult to classify as benign or malignant with prediction models? <i>B. Van Calster<sup>1</sup>; A. Czekierdowski<sup>2</sup>; R. Fruscio<sup>3</sup>; G. Melis<sup>3</sup>; S. Guerriero<sup>3</sup>; L. Savelli<sup>3</sup>; C. Van Holsbeke<sup>1,1</sup>; W. Ombelet<sup>1</sup>; S. Van Huffel<sup>1</sup>; I. Vergote<sup>1</sup>; L. Valentin<sup>4</sup>; T. Bourne<sup>1,5</sup>; D. Timmerman<sup>1</sup></i> <i><sup>1</sup>(Belgium); <sup>2</sup>(Poland); <sup>3</sup>(Italy); <sup>4</sup>(Sweden); <sup>5</sup>(United Kingdom)</i>	OC23.04
14:49	Discussion	
14:52	Summary <i>T. Bourne (United Kingdom)</i>	
<b>15:00 - 15:40</b>	<b>OP26: Pelvic floor</b> <i>Chairs: J. Deprest (Belgium); S. Yagel (Israel)</i>	<b>Forum Hall</b>

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\* This presentation is eligible for the Young Investigator award (to be presented at the closing ceremony)

	<b>OP27: Fetal therapy</b> <i>Chairs: Y. Ville (France); G. Lingman (Sweden)</i>	<b>Meeting Hall 1</b>
	<b>OP28: Fetal anomalies II: 2nd and 3rd trimester</b> <i>Chairs: T. Shipp (United States); B. Tutschek (Switzerland)</i>	<b>North Hall</b>
	<b>OP29: IUGR II</b> <i>Chairs: A. Papageorghiou (United Kingdom); F. Figueras (Spain)</i>	<b>Club A</b>
	<b>OP30: Placenta pathologies and uterine scar</b> <i>Chairs: S. Campbell (United Kingdom); S. Lipitz (Israel)</i>	<b>Club E</b>
<b>15:40 – 16:00</b>	<b>P26: Pelvic floor</b>	<b>Forum Hall</b>
	<b>P27: In utero interventions</b>	<b>Meeting Hall 1</b>
	<b>P28: Fetal anomalies II: 2<sup>nd</sup> and 3<sup>rd</sup> trimester</b>	<b>North Hall</b>
	<b>P30: Placenta pathologies and uterine scar</b>	<b>Club E</b>
<b>15:40 - 16:10</b>	<b>Coffee &amp; poster viewing</b>	<b>Exhibition</b>
<b>16:00 - 17:30</b>	<b>Workshop: The spectrum of 3D/4D ultrasound in prenatal diagnosis</b> <i>Chairs: H. Blaas (Norway); L. Platt (United States)</i>	<b>Congress Hall Sponsored by Medison</b>
16:00	The use of 3D to calculate volumes <i><u>H. Blaas</u> (Norway)</i>	
16:10	3D of the fetal skeleton <i><u>L. Gindes</u> (Israel)</i>	
16:25	Fetal volumetry in clinical practice <i><u>W. Lee</u> (United States)</i>	
16:40	3D/4D ultrasound of the face and palate <i><u>E. Merz</u> (Germany)</i>	
16:55	3D ultrasound of the fetal brain <i><u>I. Timor-Tritsch</u> (United States)</i>	
17:15	Live scan demonstration <i><u>L. Platt</u> (United States)</i>	
<b>16:00 - 17:30</b>	<b>Workshop: Use of ultrasound in gynecological oncology</b> <i>Chairs: D. Cibula (Czech Republic); E. Epstein (Sweden)</i>	<b>Forum Hall Sponsored by Philips</b>
16:00	Local staging of cervical carcinoma <i><u>D. Fischerova</u> (Czech Republic)</i>	
16:15	Live scan demonstration	

D. Fischerova (Czech Republic)

16:25 Evaluating the presence of metastasis and recurrence in ovarian cancer

A. Testa (Italy)

16:40 Live scan demonstration

D. Fischerova (Czech Republic)

16:50 Assessing cervical and myometrial invasion in endometrial cancer

L. Savelli (Italy)

17:05 Live scan demonstration

D. Fischerova (Czech Republic)

17:15 Summary and panel discussion

D. Cibula (Czech Republic)

**16:00 - 17:30**

**Workshop: How fetal conditions affect the heart**

**Meeting Hall 1**

*Chairs: J. Carvalho (United Kingdom); Y. Ville (France)*

16:00 Techniques in assessing fetal heart function

S. Yagel (Israel)

16:20 IUGR

E. Gratacos (Spain)

16:35 TTTS

J. Rychik (United States)

16:50 CDH

J. Carvalho (United Kingdom)

17:05 Parvo virus infection

Y. Ville (France)

# Thursday 14 October 2010

08:30 - 09:10	<b>OP31: Imaging in the oncology patient</b> <i>Chairs: E. Epstein (Sweden); M. Zikan (Czech Republic)</i>	Forum Hall
	<b>OP32: Induction of labour US during labour and postpartum</b> <i>Chairs: K. Salvesen (Norway); M. Wielgos (Poland)</i>	Club A
	<b>OP33: Fetal anomalies III: Fetal abdomen</b> <i>Chairs: S. Eik-Nes (Norway); M. Momtaz (Egypt)</i>	Club B
	<b>OP34: First trimester IV: Growth and predicting pregnancy outcome</b> <i>Chairs: H. Blaas (Norway); R. Axt-Fliedner (Germany)</i>	Club E
09:10 – 09:25	<b>P31: Imaging in the oncology patient</b>	Forum Hall
	<b>P32: Induction and ultrasound in labour</b>	Club A
	<b>P33: Fetal anomalies III: Fetal abdomen</b>	Club B
	<b>P34: First trimester IV: Fetal abnormalities</b>	Club E
09:30 – 10:30	<b>Second trimester scan</b> <i>Chairs: D. Nyberg (United States); V. Radovan (Czech Republic)</i>	<b>Congress Hall</b> <b>Sponsored by</b> <b>Medison</b>
09:30	Overview <i><u>D. Nyberg</u> (United States)</i>	
09:35	Live scan demonstration: 3D fetal face <i><u>K. Kalache</u> (Germany)</i>	
09:50	Identification of fetal abnormalities in the third trimester after a second trimester detailed structural fetal survey <i><u>T. Shipp</u>; B. Bromley; B. Benacerraf (United States)</i>	OC24.01
09:55	Discussion	
09:58	The impact of three-dimensional ultrasound and fetal magnetic resonance on diagnosis of facial clefts <i><u>V. Frisova</u>; J. Borsky; M. Kyncl; B. Prosova; L. Mrazkova; M. Rocek (Czech Republic)</i>	OC24.02
10:03	Discussion	
10:06	Maxillary protrusion in fetuses with facial clefts, measured with the MNM angle <i><u>E. de Jong-Pleij</u>; L. Pistorius; L. Ribbert; E. Tromp; C. Bilardo (Netherlands)</i>	OC24.03
10:11	Discussion	
10:14	3-dimensional ultrasound demonstration of fetal anal canal and sphincter	OC24.04

*L. Gindes; A. Weissmann-Brenner; B. Weisz; K. Tzadikvitch Geffen; M. Zajicek; R. Achiron (Israel)*

10:19	Discussion	
10:22	Increased concentration of tubular parameters in the amniotic fluid of male fetuses in the 2 <sup>nd</sup> trimester of pregnancy <i>R. Schild<sup>1</sup>; B. Meurer<sup>2</sup>; N. Hart<sup>1</sup>; A. Tzschoppe<sup>1</sup>; J. Dötsch<sup>1</sup></i> <sup>1</sup> (Germany); <sup>2</sup> (Switzerland)	OC24.05
10:27	Discussion	
<b>09:30 – 10:30</b>	<b>The post-menopausal endometrium and cervical pathology</b> <i>Chairs: G. Condous (Australia); F. Leone (Italy)</i>	<b>Forum Hall</b>
09:30	The management postmenopausal bleeding and influence of HRT, Tamoxifen and SERMS <i>E. Epstein (Sweden)</i>	
09:50	Mathematical models for predicting endometrial malignancy in women with postmenopausal bleeding and sonographic endometrial thickness > 4.5 mm <i>G. Opolskiene; P. Sladkevicius; L. Valentin (Sweden)</i>	OC25.01
09:55	Discussion	
09:58	Estimating probability of cancer in patients with postmenopausal bleeding prior to ultrasonography. Validation and refinement of a prognostic model <i>M. Breijer<sup>1,1</sup>; A. Timmermans<sup>1,1</sup>; H. Van Doorn<sup>1</sup>; L. Valentin<sup>2</sup>; T. Van den Bosch<sup>3</sup>; B. Mol<sup>1,1</sup>; B. Opmeer<sup>1</sup></i> <sup>1</sup> (Netherlands); <sup>2</sup> (Sweden); <sup>3</sup> (Belgium)	OC25.02
10:03	Discussion	
10:06	Assessment of myometrial invasion in endometrial cancer by transvaginal sonography and frozen section <i>L. Savelli; A. Testa; M. Mabrouk; L. Zannoni; F. Mascilini; M. Ludovisi; R. Seracchioli; G. Zannoni; V. Vellone; S. Venturoli (Italy)</i>	OC25.03
10:11	Discussion	
10:14	Three dimensional (3D) ultrasound to assess the chemotherapy response of locally advanced cervical cancer <i>G. Perriola; C. Exacoustos; M. Graziano; C. Achilli; F. Bellati; I. Palaia; D. Arduini; P. Benedetti Panici (Italy)</i>	OC25.04
10:19	Discussion	
10:22	Summary <i>G. Condous (Australia)</i>	
10:30 – 11:00	<b>Coffee &amp; poster viewing</b>	<b>Exhibition</b>
<b>11:00 - 11:40</b>	<b>OP35: Scanning asymptomatic women</b>	<b>Forum Hall</b>

*Chairs: S. Campbell (United Kingdom); C. Exacoustos (Italy)*

**OP36: Fetal heart V: Cardiac and vascular anomalies**

**Club A**

*Chairs: A. Baschat (United States); F. Crispi (Spain)*

**OP37: Maternal fetal Doppler II**

**Club B**

*Chairs: S. Gudmundsson (Sweden); E. Hernandez-Andrade (Mexico)*

**OP38: Fetal size**

**Club D**

*Chairs: W. Lee (United States); A. Ngu (Australia)*

**OP39: IUGR III: Fetal programming in placental dysfunction**

**Club E**

*Chairs: C. Brezinka (Austria); K. Maršál (Sweden)*

**11:40 - 13:10**

**Cardiac function in specific conditions**

**Congress Hall  
Sponsored by  
Siemens**

*Chairs: D. Paladini (Italy); C. Lombardi (Italy)*

11:40

Overview

*D. Paladini (Italy)*

11:50

\*Fetal cardiac output: measurement by four dimensional power Doppler and artificial neural networks. Results from a sheep model

OC26.01

*J. Bello-Muñoz; J. Peiró; P. Oliveros Orozco; F. Soldado; E. Carreras Moratonas; L. Cabero (Spain)*

11:55

Discussion

11:58

Maternal hyperglycemia affects first trimester fetal cardiac function in normal hearts

OC26.02

*S. Turan; O. Turan; A. Desai; J. Miller; C. Harman; A. Baschat (United States)*

12:03

Discussion

12:06

\*Bioinformatic analysis of genes regulating myocardiocyte contractile function in a rabbit model of cardiac dysfunction due to intrauterine growth restriction

OC26.03

*E. Eixarch; I. Torre; M. Illa; I. Iruretagoyena; I. Amat-Roldan; F. Crispi; F. Figueras; F. Garcia; J. Dopazo; E. Gratacós (Spain)*

12:11

Discussion

12:14

Cardiac function between 11 and 35 weeks' gestation and nuchal translucency thickness in trisomy 21 fetuses

OC26.04

*S. Clur; J. Ottenkamp; C. Bilardo (Netherlands)*

12:19

Discussion

12:22

Assessment of longitudinal myocardial function of the right ventricle in fetuses with congestive heart failure using tissue Doppler imaging

OC26.05

*E. Sinkovskaya; S. Horton; E. Berkley; A. Abuhamad (United States)*

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\* This presentation is eligible for the Young Investigator award (to be presented at the closing ceremony)

12:27	Discussion	
12:30	Fetal circulatory dynamics in presence of simple TGA <i>J. Blanc<sup>1</sup>; J. Fouron<sup>1</sup>; M. Raboisson<sup>1</sup>; I. Huggon<sup>4</sup>; S. Sonesson<sup>2</sup>; F. Proulx<sup>3</sup>; A. Bozio<sup>3</sup>; V. Yves<sup>3</sup>; R. Gendron<sup>1</sup></i> <i><sup>1</sup>(Canada); <sup>2</sup>(Sweden); <sup>3</sup>(France); <sup>4</sup>(United Kingdom)</i>	OC26.06
12:35	Discussion	
12:38	Doppler evaluation in fetuses with right ventricular prevalence: a contribution to the diagnosis of coarctation of aorta <i>M. Bellotti; V. Bee; S. Migliaccio; E. Matarazzo; C. De Gasperi; G. Rognoni (Italy)</i>	OC26.07
12:43	Discussion	
12:46	Live scan demonstration: first trimester fetal assessment and cardiac function <i>U. Gembruch (Germany)</i>	
<b>11:40 - 13:10</b>	<b>Imaging in the oncology patient: staging, recurrence and interventions</b> <i>Chairs: A. Testa (Italy); D. Fischerova (Czech Republic)</i>	<b>Forum Hall</b>
11:40	Imaging and tailored therapy in gynae oncology <i>D. Cibula (Czech Republic)</i>	
11:55	Patient selection and technique of ultrasound guided interventions in oncology patients <i>M. Zikan (Czech Republic)</i>	
12:10	Ultrasound features of metastases in the ovary depending of the origin of the primary tumor <i>S. Guerriero<sup>1</sup>; J. Alcazar<sup>2</sup>; M. Ariu<sup>1</sup>; C. Laparte<sup>2</sup>; S. Ajossa<sup>1</sup>; M. Angiolucci<sup>1</sup>; M. Pilloni<sup>1</sup>; M. Garcia-Manero<sup>2</sup>; J. Minguez<sup>2</sup>; G. Melis<sup>1</sup></i> <i><sup>1</sup>(Italy); <sup>2</sup>(Spain)</i>	OC27.01
12:15	Discussion	
12:18	Sonographic characteristics of squamous cell cancer and adenocarcinoma of the uterine cervix <i>E. Epstein<sup>1</sup>; A. Di Legge<sup>2</sup>; A. Måsbäck<sup>1</sup>; P. Lindqvist<sup>1</sup>; P. Kannisto<sup>1</sup>; A. Testa<sup>2</sup></i> <i><sup>1</sup>(Sweden); <sup>2</sup>(Italy)</i>	OC27.02
12:23	Discussion	
12:26	Conservative management and ultrasonographic longitudinal follow-up of borderline ovarian tumors recurrences after fertility sparing surgery <i>D. Franchi; A. Testa; S. Boveri; N. Colombo; D. Radice; M. Sideri (Italy)</i>	OC27.03
12:31	Discussion	
12:34	Ultrasound evaluation in preoperative assessment of extension of disease and prediction of optimal cytoreduction in ovarian cancer: a prospective trial <i>A. Testa; M. Ludovisi; M. Malaggesi; A. Di Legge; F. Mascilini; M. Durante; I. Vercillo; B. Virgilio; G. Scambia; G. Ferrandina (Italy)</i>	OC27.04
12:39	Discussion	

12:42	Uterine sarcomas: clinical and sonographic characteristics <i>S. Giunchi; A. Testa; T. Ghi; L. Savelli; M. Pesaresi; F. Mascilini; M. Giordano; G. Pelusi (Italy)</i>	OC27.05
12:47	Discussion	
12:50	Ultrasound features of rare primary malignant ovarian tumors <i>S. Guerriero<sup>1</sup>; J. Alcazar<sup>2</sup>; M. Ariu<sup>1</sup>; A. Ruiz-Zambrana<sup>2</sup>; S. Ajossa<sup>1</sup>; M. Angiolucci<sup>1</sup>; S. Piras<sup>1</sup>; M. Garcia-Manero<sup>2</sup>; J. Minguez<sup>2</sup>; G. Melis<sup>2</sup></i> <sup>1</sup> (Italy); <sup>2</sup> (Spain)	OC27.06
12:55	Discussion	
12:58	New Horizons about the diagnosis of breast masses by SonoLiverR CAP imaging analysis software <i>J. Quan (China)</i>	OC27.07
13:03	Discussion	
13:06	Summary <i>A. Testa (Italy)</i>	
13:10 - 13:30	<b>Closing and welcome to LA!</b>	<b>Congress Hall</b>
13:30 – 14:00	<b>Farewell drinks and light lunch</b>	<b>Congress Hall</b>