

**21st World Congress on Ultrasound
in Obstetrics and Gynecology**

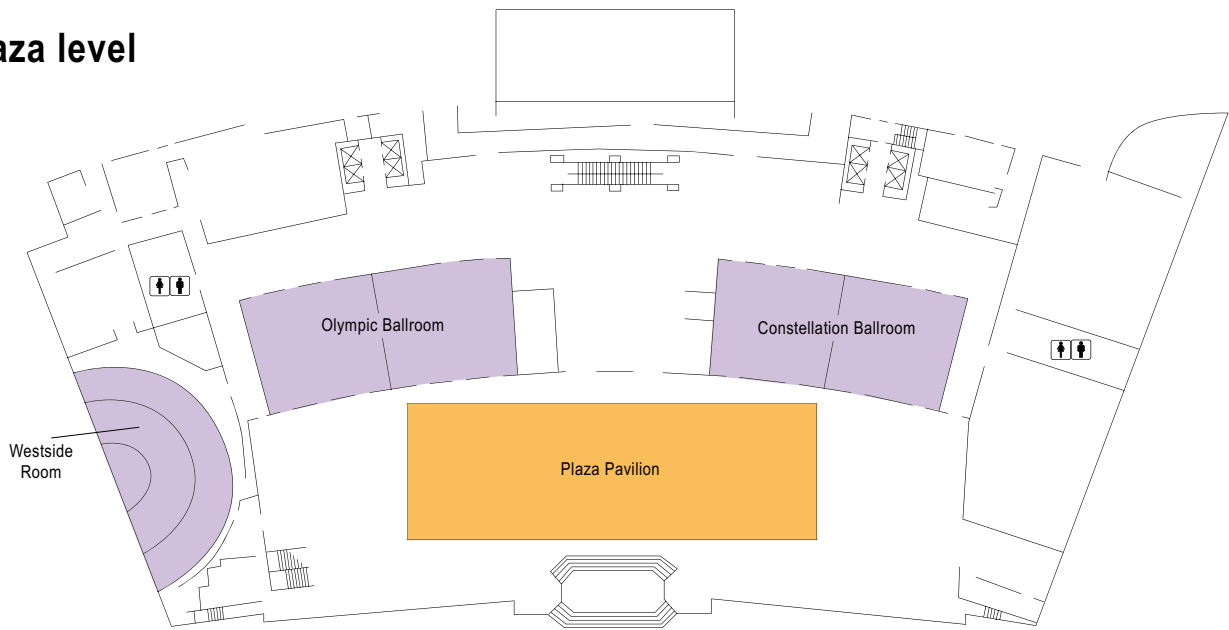
**18–22 September 2011
Los Angeles, USA**

Final Program

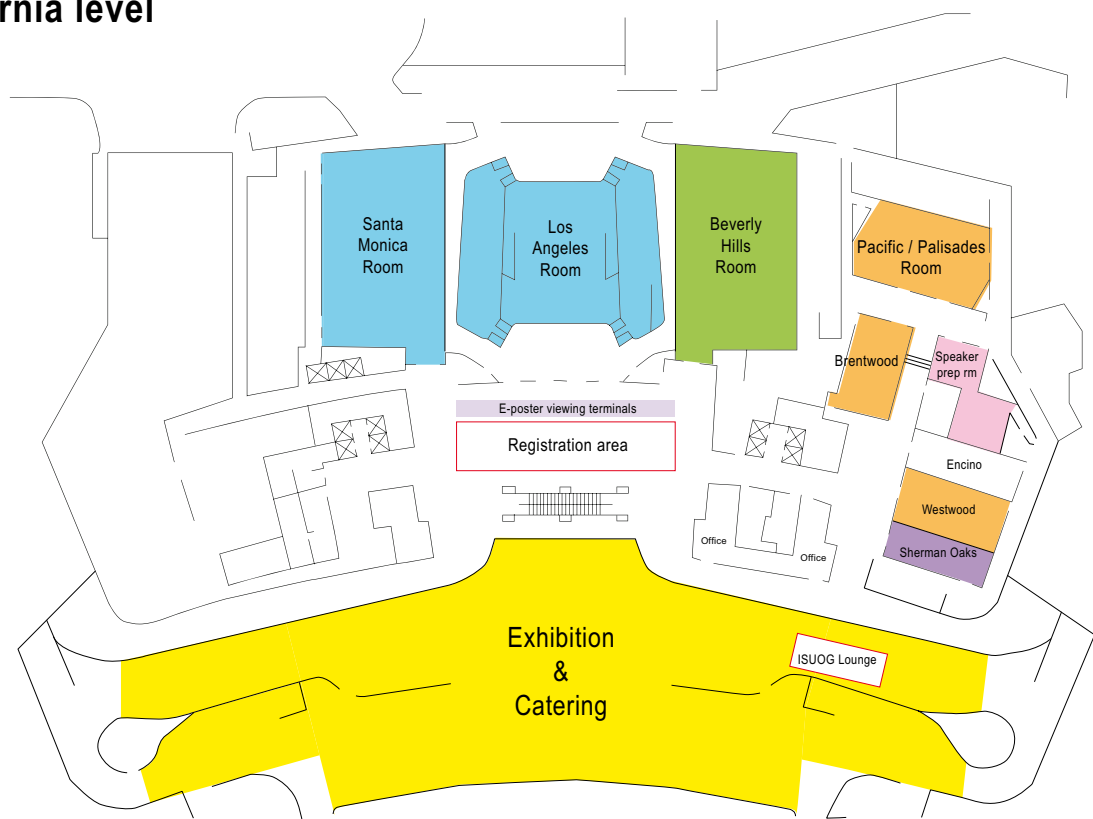
*Up to 43.0 AMA PRA Category 1 credits™ available
Equivalent EACCME credits also available*

Venue floor plans

Plaza level



California level



- Exhibition & catering
- Obstetrics session hall
- Gynecology session hall
- Scientific program breakouts
- Speaker preparation room
- Sponsor hospitality

NB: ISUOG meeting rooms are located on the Mezzanine level and can be accessed from the Congress levels via the elevator.

Organising Committees

ISUOG President

- A. Tabor, *Denmark*

Congress Chairman

- L. Platt, *USA*

Local Organising Committee, California, USA

- K. Bradley
- R. Chmait
- G. DeVore
- M. Porto
- D. Pretorius
- S. Rottmensch
- L. Silver

Advisory Board, North America

- A. Abuhamad
- A. Baschat
- B. Benacerraf
- J. Copel
- J. Fouron
- A. Gagnon
- S. Goldstein
- J. Hobbins
- C. Kleinman
- S. Laifer-Narin
- W. Lee
- D. Nyberg
- R. Romero
- I. Timor-Tritsch
- I. Zador

ISUOG Meeting Planning Committee

- A. Gagnon (Chair), *Canada*
- P. Calda, *Czech Rep.*
- J. Copel, *USA*
- E. Gratacós, *Spain*
- K. Hecher, *Germany*
- T. Lau, *China*
- K. Maršál, *Sweden*
- A. Ngu, *Australia*
- L. Platt, *USA*
- A. Tabor, *Denmark*
- G. Yeo, *Singapore*

ISUOG Scientific Committee

- E. Gratacós (Chair), *Spain*
- A. Baschat, *USA*
- B. Benacerraf, *USA*
- C. Bilardo, *Netherlands*
- T. Bourne, *UK*
- D. Fischerová, *Czech Rep.*
- K. Maršál, *Sweden*
- A. Papageorghiou, *UK*
- L. Platt, *USA*
- S. Yagel, *Israel*

ISUOG Secretariat, UK

- S. Johnson, Executive Director
- A. Hepworth, Event Manager

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Welcome message

On behalf of the ISUOG Board and Scientific Committee, I am proud and delighted to welcome you to Los Angeles for our 21st World Congress on Ultrasound in Obstetrics and Gynecology. This is the first time that our Congress has visited the West Coast of the United States, and you can be sure that we intend to make your visit to LA and experiences here at the Congress memorable and valuable both scientifically and socially.

Our committees have spent considerable time reviewing and selecting the scientific content of the Congress, from over 1000 submitted abstracts. We feel confident that we have chosen the very best presentations in current research for our program. I am also very pleased to announce that we have an invited faculty of over 100 world-renowned experts who will be speaking on their own current studies and offering first class insights into their work and specialist topics. We will be starting each day with a choice of 'meet the professor' slots, where you can join members of our expert faculty for an informal breakfast and presentations on particular specialty topics. Following these, there is also a daily 'State of the Art' lecture; a plenary opening to the main program, with talks from world authorities in their particular field.

In the context of the meeting as a World Congress, but also a showcase of local research, we have tried to create a balance between local speakers and faculty and also world-experts (although in many cases, this is one and the same thing!). This local flavour is also strongly represented in our social program, where we are pleased to bring The Scattertones, a local UCLA singing group, to our reception on Sunday event, and also in our Congress party at the iconic Paramount Studios where all guests will experience some Hollywood glamour for themselves.

Thank you to all those who are participating in what we are sure will be an extremely memorable Congress and for your ongoing support of ISUOG. Welcome to Los Angeles!



Larry Platt

Congress Chair

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Critical dates and times

Registration opening hours

Saturday 17 September 2011	07:00–17:00
Sunday 18 September 2011	07:00–18:30
Monday 19 September 2011	07:00–18:15
Tuesday 20 September 2011	07:00–17:30
Wednesday 21 September 2011	07:00–18:15
Thursday 22 September 2011	07:15–14:00

The registration area is located in the California lounge, on the California level of the hotel.

Exhibition opening hours

Sunday 18 September 2011	16:00–16:50
Monday 19 September 2011	10:00–17:00
Tuesday 20 September 2011	10:00–17:00
Wednesday 21 September 2011	10:00–17:00

The exhibition is located in the California showroom, on the California level of the hotel.

Speakers' preparation room opening hours

Sunday 18 September 2011	07:30–17:00
Monday 19 September 2011	07:30–17:30
Tuesday 20 September 2011	07:30–17:30
Wednesday 21 September 2011	07:30–17:30
Thursday 22 September 2011	07:30–14:00

The speaker preparation room is located in the Bel Air room on the California level of the hotel. Speakers MUST check in their presentation at the speakers' preparation room at least four hours prior to the commencement of the session in which they are due to present and preferably the day before their presentation. Please note there will be no laptop plug in facilities in the lecture halls. Please refer to page 8 for details.

Scientific program hours

Please refer to the program for the exact location and timings of each session. Sessions will take place during the following times:

Pre-congress courses only	
Saturday 17 September 2011	08:00–17:00
Sunday 18 September 2011	08:00–13:00

Main plenary program	
Sunday 18 September 2011	14:00–17:40 (followed by a performance from <i>The Scattertones</i> and <i>Welcome Reception</i>)
Monday 19 September 2011	08:05–17:20
Tuesday 20 September 2011	08:05–17:20
Wednesday 21 September 2011	08:05–17:20
Thursday 22 September 2011	08:05–12:15

Short oral presentations will be presented in chaired discussion sessions daily from Monday to Thursday at the following times: 10:00–10:45 and 12:20–13:05

All short oral presentations and e-poster slides will be available for viewing at any time on our electronic poster pods located in the California Lounge.

ISUOG Annual General Meeting (AGM)

All fully paid delegates are ISUOG members for 2012. Join us for an update on activities and to find out more about membership.

Sunday 18 September 2011
15:50: Los Angeles Ballroom, Hyatt Regency Century Plaza Hotel

ISUOG Committee meetings

For details of scheduled ISUOG Committee meetings, please refer to page 94 of this brochure.

Social program

Opening session and Welcome reception

Sunday 18 September - Hyatt Regency Century Plaza

Complimentary to all registered delegates, accompanying persons and exhibitors, who are invited to attend the special program starting at 16:50 in the LA Ballroom, followed by drinks and canapés at the pool and patio, lobby level. Additional tickets can be purchased at the registration desk for \$40 per person.

Please note you will not be allowed entry without your Congress badge or ticket.

14:00	Welcome from ISUOG President, <i>Ann Tabor (Denmark)</i>
14:10	Stuart Campbell Lecture: We'll soon do things differently: The impact of levator trauma on future clinical practice, <i>H. Dietz (Australia)</i>
14:30	Top abstract presentations
15:30	Maternal mortality: a global crisis - is there a role for ultrasound? <i>A. Abuhamad (USA)</i>
15:50	ISUOG Annual General Meeting
16:00	<i>Tea and coffee break and exhibition opening*</i>
16:50	Gold Medal introduction from Professor Stuart Campbell and Gold Medal lecture from Hugh Robinson (to be delivered via video link)
17:10	Special lecture: Assisted reproduction techniques and long term implications - what have we really created? <i>A. DeCherney (USA)</i>
17:40	<i>Interval*</i>
17:45	Introduction from Larry Platt followed by the Scattertones performance:

The Scattertones are a student-run co-educational acappella singing group, based at UCLA. They create melodies and rhythm using their voices and vocal percussion, and perform a variety of music from pop, to jazz, R&B, musical theatre, and rock styles. Don't miss their customised performance for ISUOG, featuring famous 'hits from the movies'!

18:15	Welcome Reception: Hyatt Regency Century Plaza; pool and patio area, lobby level
20:30	Close

*Accompanying persons and exhibitors should join the program at these natural break points.

Closing & awards ceremony

Join us on Thursday 22 September at 12:15 for the Closing ceremony in the LA Ballroom, followed by a Danish beer and lunch in the California Lounge.



Social program

Yoga

Attendees of the ISUOG World Congress are invited to attend yoga classes designed to reverse the effects of tension and help restore a natural state of balance. All levels are welcome.

Venue: Malibu Room, Hyatt Regency Century Plaza, California level

Monday 19 September: 18:30-19:30
 Tuesday 20 September: 07:30-08:30
 Wednesday 21 September: 18:30-19:30
 Thursday 22 September: 07:30-08:30

Accompanying person's program

Cost per person: \$250.00

The accompanying persons program includes:

- Congress Opening Session and Welcome Reception (Sunday 18 September)
- Admission to the Congress exhibition and catering areas throughout the Congress
- Lonely Planet city guidebook
- **A choice of the following tours:**

Option 1

Monday 19 September Lights camera LA! (full day tour)

The most comprehensive bus tour of the city packed full of sightseeing stops, including the Hollywood walk of fame, Hollywood Museum, Downtown area, Olevera Street, Entertainment District and Beverly Hills (includes lunch at the Hard Rock Café). You will be accompanied throughout with a guide to explain the all the sights and give you a full history of the development of modern LA.

Tuesday 20 September Fossils to Fuels (½ day morning tour)

From pre-historic giants to classic automobiles, this tour will take you to the La Brea Tar Pits and Petersen Automotive Museum, as well as stops at LA's famous Farmer's Market and The Grove.

Wednesday 21 September Los Angeles County Museum of Art (½ day morning tour)

Known locally as LACMA, this is the city's most popular museum and a must on the destination list for visitors. The museum houses over 100,000 works, throughout five buildings, including masterpieces such as 'Water Lilies' by Monet.

OR

Option 2

Monday 19 September Lights camera LA! (full day tour)

See above for description.

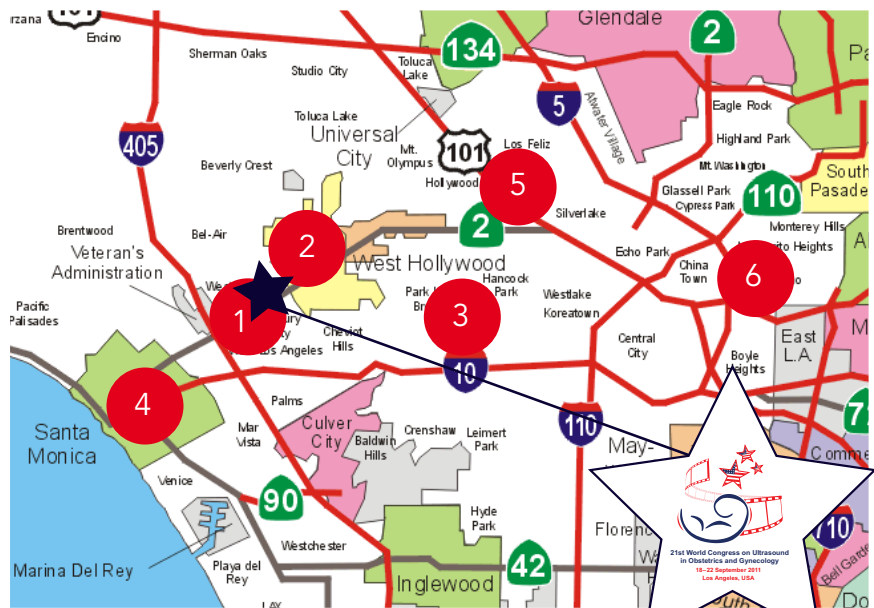
Wednesday 20 September Getty Center & Getty Villa (full day tour)

A fabulous opportunity to visit two of the most prestigious art and antiques collections in the world, one set in a 110 acre complex on a hillside with panoramic views of LA, the other in a recreation of a first century Roman villa in Malibu (includes a packed lunch).

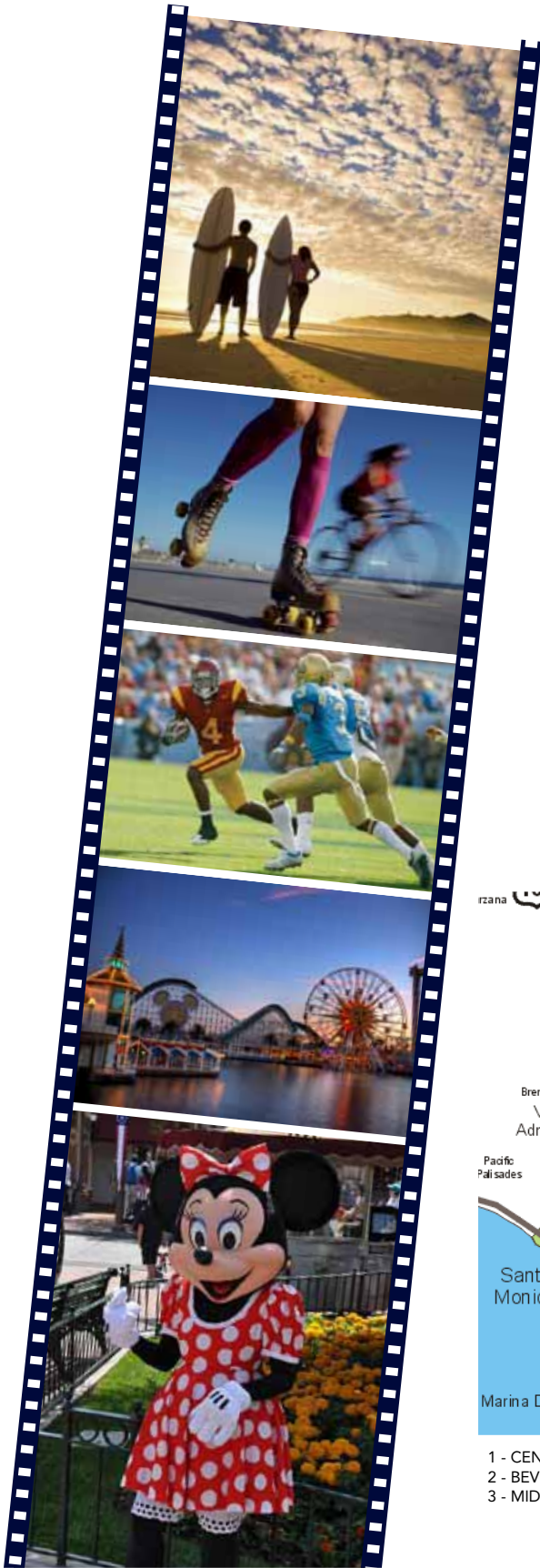
These tours can also be booked onsite, subject to availability. Please visit the **Access tours desk** for more information. Individual tours are priced at:

Lights, camera, LA!	\$100
Getty Centre and Getty Villa	\$100
Fossils to Fuels	\$60
Los Angeles County Museum of Art	\$60

Please visit the registration desk with any queries. We hope you enjoy discovering Los Angeles! Information on transportation and buses can be found at the Concierge desk on the Lobby level of the hotel and you can also order taxis here.



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|----------------------------|-------------------------|
| 1 - CENTURY CITY | 4 - SANTA MONICA |
| 2 - BEVERLY HILLS | 5 - HOLLYWOOD / MELROSE |
| 3 - MID-WILTSHIRE DISTRICT | 6 - DOWNTOWN LA |



Congress Party

Tuesday 20 September

- Time:** 19:30 – Midnight
Venue: Paramount Studios, Hollywood, Los Angeles
Cost per person: \$100.00 (including full buffet dinner, DJ, movie screening and studio tour)
Transport:
- Coaches will leave from the main entrance of the Hyatt Regency Century Plaza Hotel between 18:45 and 19:15.
 - Coaches return to the hotel from Paramount Studios between 22:00 and 23:59.
 - Return tickets cost \$25 and can be purchased from the Registration desk onsite, subject to availability.
 - **PLEASE NOTE: Coach tickets must be pre-booked.** You will not be permitted on the coaches unless you have purchased a ticket in advance.
- Dress:** Evening attire

Our venue for the 2011 Congress Party is the world famous Paramount Studios. All delegates, accompanying persons and exhibitors are welcome to join us for an exclusive evening of Hollywood glamour, including studio tours, buffet dinner and dancing in front of the iconic Paramount gates and Hollywood sign, plus a private movie screening in the studio preview theatre.

Places are strictly limited and are offered on a first come, first served basis. Please note you will not be allowed entry without your party ticket; so do remember to bring it with you.



An exclusive evening of Hollywood glamour.

Studio tours, buffet dinner and dancing in front of the iconic Paramount gates and Hollywood sign, plus a private movie screening in the studio preview theatre.

p.s. Additional party tickets can be purchased from the onsite registration (subject to availability)

ISUOG Delegates!

Congress Party

Paramount Studios

Hollywood, LA, USA

Tuesday 20 September

19:30

Orientation and presenter guidance

- Program orientation, OnDemand & E-posters
- Chairperson, speaker and poster presenter guidelines
- Invited speaker list and free communication presenter declarations
- Program at a glance
- Short oral presentations (OP) at a glance
- Electronic posters (P) at a glance
- 'Meet the professor' sessions at a glance

Accreditation and CME

Up to
43.0
AMA PRA
Category 1 Credits™
available

Up to 43.0 AMA PRA Category 1 Credits™ available

- 31.5** AMA PRA Category 1 Credits™ are available for the Congress
10.5 AMA PRA Category 1 Credits™ are available for the Pre-Congress courses (for 1 plus 0.5 days)
1.0 AMA PRA Category 1 Credit™ is available for the electronic poster (P) viewing

ACCME accreditation (USA)

This CME activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the Joint Sponsorship of the Institute for Medical Studies (IMS) and The International Society of Ultrasound in Obstetrics and Gynecology (ISUOG). IMS is accredited by the ACCME to provide continuing medical education for physicians.

IMS designates this educational activity for a maximum of 43.0 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Sonographers may use credits earned at these activities for the purpose of maintaining their registry with the American Registry of Diagnostic Medical Sonographers (ARDMS). ARDMS accepts AMA PRA Category 1 Credits™. This program is not affiliated with or endorsed by ARDMS.

EACCME accreditation (Europe)

AMA PRA Category 1 Credits™ claimed by physicians attending live events certified organized in the United States for AMA PRA Credit can be, through the agreement on mutual recognition of credits between UEMS and AMA, considered as being equal to the European Continuous Medical Education Credits (ECMEC) granted by the UEMS.

One AMA PRA Category 1 Credit™ is equivalent to 1 hour of European EACCME Credit (ECMEC), therefore up to 43 ECMEC Credits are available. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

CME and attendance certificates

In order to receive your certificate of attendance for the congress, you must complete the CME evaluation form (found in your delegate bag) and return it to the registration desk.

Please make sure that you complete the form at the time of each session, in order to give us accurate feedback. Certificates will be available from Wednesday 21 September 2011.

US delegates claiming AMA PRA Category 1 Credits™ are required to sign in at the CME desk at registration.

Welcome! Full paying delegates at the 21st World Congress are online members of ISUOG for 2012 and benefit immediately from member only access to the Society's website resources, including *Ultrasound in Obstetrics and Gynecology* (UOG).

Your membership includes:

- Online subscription to UOG
- Member only access to the Society's official website and educational material
- Web lectures & webcasts from ISUOG courses and other events
- Access to **ISUOG OnDemand** (view all lectures from the 2010 & 2011 Congresses online)
- Regular e-newsletters
- ISUOG support of teaching programs
- ISUOG Book Club: 20% discount on Wiley-Blackwell books
- Reduced fees to ISUOG education courses, ISUOG Symposia & the 2012 World Congress in Copenhagen.



The leading peer-reviewed journal on imaging within the field of obstetrics and gynecology.

Ultrasound in Obstetrics & Gynecology is published monthly and can be viewed online (**upgrade** to receive print journals at the congress or online).

Journal

An online multimedia platform allowing viewing of all Congress presentations.

Access to this resource is free for all ISUOG members.



OnDemand

ISUOG organises a variety of courses throughout the year.

Discounts are available to ISUOG members.



Education

22nd World Congress on Ultrasound in Obstetrics and Gynecology

9–13 September 2012, Copenhagen, Denmark



Congress

If you have any questions or would like to find out more about your ISUOG membership, please visit us at the **ISUOG lounge** in the **California Showroom** or send us an email: info@isuog.org

List of invited speakers

J. Aboulhosen (USA)	G. Condous (Australia)	R. Hershkovitz (Israel)	H. Muñoz (Chile)	R. Schild (Germany)
J. Abramowicz (USA)	J. Copel (USA)	C. Holschneider (USA)	S. Nelson (USA)	W. Sepulveda (Chile)
A. Abuhamad (USA)	E. Cosmi (Italy)	J. Hobbins (USA)	A. Ngu (Australia)	T. Shipp (USA)
Z. Alfirevic (UK)	R. Cruz-Martinez (Spain)	J. Hyett (Australia)	D. Nyberg (USA)	J. Shwayder (USA)
F. Audibert (Canada)	A. DeCherney (USA)	P. Jeanty (USA)	A. Odibo (USA)	L. Silver (USA)
K. Baba (Japan)	J. Deprest (Belgium)	A. Johnson (USA)	D. Paladini (Italy)	M. Sklansky (USA)
K. Barnhart (USA)	G. DeVore (USA)	J. Johnson (Canada)	A. Papageorghiou (UK)	J. Spitz (USA)
A. Baschat (USA)	H. Dietz (Australia)	K. Kagan (Germany)	A. Parsons (USA)	A. Tabor (Denmark)
M. Bebbington (USA)	S. Eik-Nes (Norway)	K. Kalache (Germany)	O. Petersen (Denmark)	R. Tepper (Israel)
B. Benacerraf (USA)	V. Eisenberg (Israel)	B. Karlan (USA)	M. Phelps (USA)	A. Testa (Italy)
C. Benson (USA)	E. Epstein (Sweden)	T. Kiserud (Norway)	G. Pilu (Italy)	B. Thilaganathan (UK)
C. Bilardo (Netherlands)	J. Espinoza (USA)	D. Krakow (USA)	L. Platt (USA)	D. Timmerman (Belgium)
H. Blaas (Norway)	H. Feltovich (USA)	S. Laifer-Narin (USA)	M. Porto (USA)	I. Timor-Tritsch (USA)
C. Bottomley (UK)	D. Fischerova (Czech Republic)	T. Lau (Hong Kong)	D. Prayer (Austria)	A. Toi (Canada)
T. Bourne (UK)	A. Fleischer (USA)	W. Lee (USA)	D. Pretorius (USA)	B. Tutschek (Switzerland)
K. Bradley (USA)	J. Fouron (Canada)	C. Lees (UK)	N. Raine-Fenning (UK)	L. Valentin (Sweden)
C. Brezinka (Austria)	A. Gagnon (Canada)	K. Leung (Hong Kong)	H. Robinson (Australia)	T. Van Den Bosch (Belgium)
P. Calda (Czech Republic)	H. Gardiner (UK)	G. Malinger (Israel)	R. Romero (USA)	C. Van Holsbeke (Belgium)
K. Calkins (USA)	C. Gautam (USA)	G. Mari (USA)	S. Rotmensch (USA)	Y. Ville (France)
S. Campbell (UK)	S. Goldstein (USA)	R. Marrs (USA)	J. Rychik (USA)	R. Wapner (USA)
J. Carvalho (UK)	E. Gratacos (Spain)	K. Maršál (Sweden)	L. Salomon (France)	J. Wladimiroff (UK)
R. Chaoui (Germany)	S. Hassan (USA)	D. Maulik (USA)	R. Sanders (USA)	S. Yagel (Israel)
R. Chmait (USA)	K. Hecher (Germany)	G. McComb (USA)	M. Sanz-Cortes (Spain)	
T. Chudleigh (UK)	E. Hernandez-Andrade (Mexico)	E. Merz (Germany)	L. Schaffer (USA)	

Speaker declarations

The following declarations of interest have been received:

H-P. Dietz	Equipment loans and speaker fees from GE (OC29.02, OC 29.03, OC 29.05, OP 34.01) and have received past equipment loan from Toshiba
J. Carvalho	Past support for education from Hitachi Aloka. Ultrasound equipment loan (hardware and software support) from Samsung Medison.
G. Condous	Involved in setting up Nepean-Medison Ultrasound fellowship in Australia in conjunction with Samsung Medison
J. Deng	Study funded by Philips Healthcare (P23.04)
G. DeVore	Consultant for GE Ultrasound (OP35.04)
A. Gagnon	The structured report company will be mentioned as an example but it will be made clear that any structured report is likely to provide the same data set
N. Exalto	Received royalties as a shareholder at Gynaecology BV Delft The Netherlands (OC14.05)
H. Feltovich	Receive technical support from Siemens Ultrasound USA for a prototype ultrasound transducer (not commercially available for use in the human cervix) (OP10.02)
H. Fukunishi	InSightec, Israel has supported the clinical trial (P29.05)
J. Hyett	Past lecture honoraria from GE Healthcare and Samsung Medison
A. Khurana	Technical consultant with GE Healthcare (OP25.08)
J. Y. Kwon	Involved with Medison Korea (P17.12)
B. Lee	Chief Medical Officer of Halt Medical (OC17.04)
W. Lee	Discussion of ultrasound technology developed by GE Healthcare, Philips and Siemens.
C. Lees	Past equipment loans from Siemens, Hitachi Aloka and GE. Past honoraria from Siemens and course support from Hitachi Aloka
G. Malinger	Relationship with GE Healthcare via participation in courses organized by GE in Latin America.
S. Mohr	Equipment grant provided by Philips (OP15.04)
E. Neale	Stradwin software used in this study developed by the engineering department at the University of Cambridge who co-author this paper (P33.01)
R. Oyama	Involved with GE Healthcare, Japan (P24.10)
D. Paladini	Past equipment loan from, and previous speaker for GE (OC13.04)
Y. Paltiel	Officer at Trig Medical (OP22.08, P16.15)
M. Phelps	Will discuss products from Sofie Biosciences including a pre-clinical PET/CT, Genisys and Radiosynthesizer, and products from Elixys & EWOD including an imaging probe, that is covered by an IND. Sofie, Biosciences; Stockholder & Board Member
G. Pilu	Consultant for GE Healthcare and participation in the development of some ultrasound apparatuses (no fee). Past equipment loans from GE.
L. Platt	Talk on 'Tips for 3D Volumes' will include discussion of 4D View GE and Q Lab Philips products. Consultant for GE, Philips and Samsung Medison and in receipt of research support from GE. Member of Scientific advisory Board for Verinata Health and have received honoraria from them.
N. Raine-Fenning	Will speak about several GE products but only in the context which reflects clinical practice. Involved as a luminary for GE Healthcare; occasionally involved in the development of new products. Have received past lecture honoraria from GE Healthcare to cover travel and subsistence costs.
K-Y. Ryu	Work supported by the Cluster Research Fund of Hanyang University (HY-2009) (P12.15)
R. Sande	Transducers used in the study provided by GE Vingmed Ultrasound and energy output levels of the transducers assessed by the company (OC20.01)
T. Scholbach	Co-developer of PixelFlux-technique and developer of the PixelFlux software (OP36.07)
A. Sehnert	Employed by Artemis Health Inc (OC28.06)
W. Sepulveda	Collaboration agreement with Samsung Medison
L. Shaffer	In the invited talks; The use of microarrays in pregnancies with abnormal ultrasound findings and Molecular cytogenetic approaches for identifying chromosomal abnormalities in prenatal testing, data will be presented which has been generated using proprietary microarrays made by Roche NimbleGen. These microarrays are also commercially available from Roche NimbleGen. Data will also be presented using other arrays available from Illumina as well as from a new liquid array proprietary to my laboratory.
R. Tepper	Founder of the Medsim Company marketing Ultrasim - ultrasound simulator. Consultant of Samsung Company for innovation in the field of Ultrasound
B. Tuschek	The following abstract may include discussion of Philips products (OP15.03). Philips have provided a restricted equipment loan; invited presentations, occasional consulting work in the past.

Chairperson, speaker and presenter guidelines

Essential information

If you are chairing, speaking in a session, presenting a short oral presentation (OP), or have an E-poster (P), it is essential that you refer to the guidelines below. Please note that there may be several sections which are relevant to your activities. If you have any questions, please address them to the staff in the speakers' preparation room (Bel Air Room, California Level).

Our presentation system is networked to all session halls. OC, OP and P presentations should have been uploaded online prior to the Congress. All other presentations must be uploaded in the speakers' preparation room. Mac users and those with complex video can be accommodated. All session halls are equipped with the necessary technical requirements and back-up systems. Please note that personal laptops may not be used in the session halls. Any speaker is welcome to preview his or her talk on the system before their session.

All oral sessions will be recorded by ISUOG and made available for viewing (but not download) to delegates and ISUOG members through **OnDemand**, the Congress web portal. All accepted abstract authors have been asked in advance to give their consent to the recording of their presentations. Only authors who have not completed this section will be asked to complete a release form for this onsite, and we thank you for supporting this service to our members. Please note that publication embargoes can be applied if necessary. The portal will be available at the ISUOG stand and on E-poster viewing stations in the California Lounge. Please address any queries to the technical staff in the speakers' preparation room.

General notes for all presenters (OC and OP)

Please meet at the front of the session hall 15 minutes before the start of the session to introduce yourselves, and allow the chairperson to confirm the format for the session.

All presentations must be in English. Please ensure that you speak slowly and clearly throughout. This will assist audience members who do not have English as their first language.

Discussion time has been allocated to each session so please look at the program closely for details.

The program schedule is extremely tight, so all speakers must adhere to the time allocated to them. Should a speaker overrun, chairpersons are instructed to interrupt and request that the speaker stop. Please be considerate of other speakers if you are asked to conclude your talk and please do so promptly.

It is increasingly difficult to prevent individuals from recording sessions. All delegates have been requested not to do this, but ISUOG can take no responsibility for third party recordings. We request that speakers who specifically object to audio/video recording of their presentations state this before their lecture.

At the closing ceremony the scientific committee will announce the best presentations within subject categories, the Young Investigator prize winner and the Alfred Kratochwil award for best 3D presentation. Chairpersons are asked to assist in the selection process by scoring presentations.

Chairpersons

There will be a chairpersons' briefing on Sunday 18 September at 13:00 in the Directors room (Mezzanine level) to confirm session formats and demonstrate the presentation management tool. The briefing will last no longer than 30 minutes and lunch will be served. Your role is crucial to our Congress success and we are grateful for your attendance.

It is your responsibility to ensure strict adherence to presentation times as listed in the program and to direct and moderate discussion. There will be a countdown system in place in the main session halls to assist you with this.

Should a speaker not arrive for his/her presentation, please fill in the additional time with discussion or, provided all other speakers are present, please move forward with the program. However please try not to deviate dramatically from the advertised program because delegates will rely on precise timing as they move across sessions.

At the start of the session, please ask the audience to silence all mobile devices. Please remind the audience that the recording of sessions is not permitted and to refrain from any flash photography during presentations. ISUOG will record all lectures and make them available online.

There will be a host/hostess assigned to the session hall who will assist with any requirements you may have for the running of the session. A technician from the audio-visual team will also be available.

There will be standard microphones within each hall for discussions. Delegates will need to wait behind the microphones to ask their questions. Please direct the audience at the start of the session as to how questions will be managed to ensure the best use of time.

Invited and OC presentations

All speakers must report to the speakers' preparation room at least four (4) hours prior to the commencement of the session in which they are due to present and, preferably the day before. Speakers can then check their presentation with the audio-visual staff prior to the presentation being sent to the lecture hall. Presentations from personal laptops are not permitted in the session halls or breakout sessions; all presentations must be checked in at the speaker preparation room.

If you are presenting an oral communication (OC) you should not present the background to your particular study or data set. This can be repetitive if several related studies are to be presented, and will be covered separately within the session if considered necessary. Time is short, so please keep your talk concise and focus only on your new data.

Posters – Short oral presentations (OP) and electronic posters (P)

Authors should have emailed their single PowerPoint poster slides in advance of the Congress. The Organisers cannot guarantee that presentations can be included if they have not been received in advance.

OP and P slides will be available for viewing as posters from Sunday 18 to Thursday 22 September 2011 on the E-poster viewing stations in the California Lounge. Authors can be contacted through this system, so please try and check your emails regularly in case you have been contacted by a participant who has questions. OP authors also present their work in short oral presentation (OP) sessions:

Presenters may report to the speaker preparation room the day before their presentation to check their presentation or can check directly on the viewing stations in the California Lounge.

Presenters should arrive at the relevant session hall at least 10 minutes prior to the listed time.

Program orientation

The **program at a glance** gives you an outline to each day's events including session titles and times and refreshment breaks. The **full program** pages give you the detailed chronological listing of all events. Please note that most sessions run in parallel so you will need to read through sessions taking place at the same time, to decide which best suits your needs.

Session types explained...

Plenary sessions

Plenary sessions include State of the Art lectures at 08:00 am from Monday to Thursday and invited talks and special lectures on Sunday 18 September.

Scientific sessions

Scientific sessions run in parallel rooms from Monday to Thursday. These sessions include invited talks, OC presentations and OP presentations. E-poster presentations make up part of the scientific program, but are not presented orally within sessions (see below)

Invited talks

ISUOG faculty members have been specially invited to speak on specific areas of their work and research and have been allocated time slots of between 10 and 20 minutes to present.

OC (oral communication)

Presented within 3 main parallel sessions, OC abstract authors are allocated 5 minutes for their presentation, plus 3 minutes for discussion.

OP (short oral presentation)

OPs are poster submissions considered suitable for short oral presentation within five parallel sessions.

OP abstract authors are allocated 2 minutes to summarise their poster, followed by 2 minutes for discussion.

OP poster slides can also be viewed (without audio) on the **E-poster viewing terminals** in the California Lounge.

P (electronic poster)

Abstracts accepted as view only posters are presented as single PowerPoint slides and are available for viewing throughout the congress on **E-poster viewing terminals** located in the California Lounge. Authors may be contacted for discussion through the integrated email facility.

Our **E-poster viewing terminals** in the California Lounge allow you to search in seconds for any poster (OP & P) at any time during the Congress., with thanks to an unrestricted educational grant from Philips.



- Search by author, subject, title or poster number to view any poster that may interest you.
- Contact authors directly to discuss their work, using our NEW integrated e-mail facility.

NB: All OC, OP & P presentations are supported by printed abstracts, which are listed by number and can be located in the abstract book. All OC & OP presentations will be judged within their subject categories by the session chairpersons and the ISUOG Scientific Committee.

Workshops

This year we are repeating our popular educational workshops. These parallel sessions take place each afternoon from 16:00 – 17:20. They consist of between three and five didactic lectures on key special interest areas and in some cases live scan demonstrations where appropriate. Anyone can attend these sessions, but on a first come, first served basis.

Live scan

Some scientific and workshop sessions include live scan demonstrations which are live updated on the latest technology in the field. Some are quite general and the aim is to give background to the session. In others, faculty will have been asked to demonstrate a particular new technique or technology. ISUOG has determined the content for these sessions, while our sponsors kindly support by providing the technical equipment.

'Meet the professor' sessions

These are educational lectures from leading experts in the field and are not part of the main delegate program. The aim is to provide state of the art updates in particular chosen subjects to a smaller audience in an informal session. An entry ticket is required which can be purchased at the registration desk (**\$35 per session**). This covers breakfast or drinks and snacks. Spaces are strictly limited as these are intended to be small, more informal events.

Awards

The **Young Investigator prize**, **Alfred Kratochwil award** for the best 3D paper, and awards for the best presentations in each topic area will be announced at the closing session on Thursday 22 September and formally acknowledged in our journal, *Ultrasound in Obstetrics & Gynecology*.

ISUOG OnDemand

more information on **p.87**



Don't miss **ISUOG OnDemand** and the chance to view any presentation online!

OnDemand is an online multimedia platform, which allows members to watch presentations recorded at the World Congress in Los Angeles.

All presentations (OC and OP, invited talks and workshops) will be made available OnDemand, from the end of the day on which they are presented.

Access to this resource is free to all delegates, during the Congress, on the viewing terminals in the California Lounge, and to ISUOG members for the following year. Revisit your favourite lectures, or view missed sessions at your leisure.

Program at a glance

Saturday 16 September 2011

Westside		
07:15-08:00	REGISTRATION	07:15-08:00
08:00-12:00	Pre-congress course Fetal echocardiography: secrets of the trade	08:00-12:00
12:00-13:00	LUNCH	12:00-13:00
13:00-17:00	Pre-congress course Fetal echocardiography: secrets of the trade	13:00-17:00

Sunday 17 September 2011

LA Ballroom	Westside	Olympic 1	Olympic 2	
REGISTRATION				
07:15-08:00				07:15-08:00
08:00-13:00	Pre-congress course Pelvic floor ultrasound	Pre-congress course Doppler 'how to'	Pre-congress course Fetal neurosonography: CNS anomalies	08:00-13:00
LUNCH				
13:00-14:00				13:00-14:00
14:00-15:50	Top Abstracts and special lectures			14:00-15:50
15:50-16:20	ISUOG AGM and Awards			15:50-16:20
16:00-16:50	Coffee break			16:00-16:50
16:50-17:40	Gold Medal lecture			16:50-17:40
17:45-18:15	Performance by: The Scattertones			17:45-18:15
18:15-20:30	Welcome reception			18:15-20:30

Monday 18 September 2011

LA Room	Santa Monica	Beverly Hills	Westside	Olympic 1	Olympic 2	Constellation 1	Constellation 2	Sherman Oaks
Meet the professor sessions*								
07:15-07:55								07:15-07:55
08:00-08:40	State of the art lecture							08:00-08:40
08:40-09:55	Live scan Aneuploidy and fetal anomalies: first trimester I	Live scan Placental health and pre-eclampsia	Early pregnancy I: miscarriage and growth					08:40-09:55
10:00-10:45			OP02	OP04	OP05	OP06	OP03	OP01
COFFEE & E-POSTER VIEWING								
10:30-11:00								10:30-11:00
11:00-12:15	Live scan Cardiac anomalies of the outflow tract	Risks and management of twin pregnancies	Early pregnancy II: PUL and ectopic pregnancy					11:00-12:15
12:20-13:05			OP08	OP10	OP11	OP12	OP09	OP07
LUNCH & E-POSTER VIEWING (12:45-14:15) & SATELLITES (13:10-14:10)								
12:45-14:15								12:45-14:15
14:15-15:30	Live scan Aneuploidy and fetal anomalies: first trimester II	Complications of twin pregnancy	Ultrasound in gynecologic emergencies					14:15-15:30
COFFEE & E-POSTER VIEWING								
15:30-16:00								15:30-16:00
16:00-17:20	Prediction and prevention of preterm birth	Live scan Borderline findings: the heart	Using 3D in the gynecology patient	Management of placental disease	Ultrasound training: education and simulators			16:00-17:20
17:30-18:10								17:30-18:10
Meet the professor sessions*								

Tuesday 19 September 2011

LA Room	Santa Monica	Beverly Hills	Westside	Olympic 1	Olympic 2	Constellation 1	Constellation 2	Sherman Oaks
Meet the professor sessions*								
07:15-07:55								07:15-07:55
08:00-08:40	State of the art lecture							08:00-08:40
08:40-09:55	Live scan New imaging technologies	Live scan Pelvic pain	Management of fetal growth disorders					08:40-09:55
10:00-10:45		OP13		OP16	OP17	OP18	OP14	OP15
COFFEE & E-POSTER VIEWING								
10:30-11:00								10:30-11:00
11:00-12:15	Live scan Fetal echocardiography in 2D and 3D/4D	Reproductive medicine	Fetal therapy					11:00-12:15
12:20-13:05		OP19		OP21	OP22	OP23	OP20	
LUNCH & E-POSTER VIEWING (12:45-14:15) & SATELLITES (13:10-14:10)								
12:45-14:15								12:45-14:15
14:15-15:30	Live scan Fetal neurosonography and CNS anomalies	Abnormal uterine bleeding	Outcomes in fetal growth restriction					14:15-15:30
COFFEE & E-POSTER VIEWING								
15:30-16:00								15:30-16:00
16:00-17:20	Live scan Tips and tricks in ultrasound	Live scan Evaluating ovarian function and infertility	Fetal therapy workshop	Outreach workshop: training the trainers		Advanced methods in prenatal diagnosis		16:00-17:20
19:30-late	Congress party							

* 'Meet the professor' sessions must be pre-booked and cost \$35 per session.

Program at a glance

Wednesday 20 September 2011

	LA Room	Santa Monica	Beverly Hills	Constellation	Westside	Olympic 1	Olympic 2	
07:15-07:55	"Meet the professor" sessions*							07:15-07:55
08:00-08:40	State of the art lecture							08:00-08:40
08:40-09:55	Live scan	Live scan	Management of ovarian masses					08:40-09:55
	Echocardiography screening and detailed examination	Caesarian section scars and other safety issues						
10:00-10:45			OP24	OP25	OP26	OP27	OP28	10:00-10:45
10:30-11:00	COFFEE & E-POSTER VIEWING							10:30-11:00
11:00-12:15	Live scan	Advanced sonographic assessment of the CNS	Imaging in oncologic patients					11:00-12:15
	Fetal Doppler							
12:20-13:05			OP29	OP30	OP31	OP32	OP33	12:20-13:05
12:45-14:15	LUNCH & E-POSTER VIEWING (12:45-14:15) & SATELLITES (13:10-14:10)							12:45-14:15
14:15-15:30	Live scan	Preterm and term labour	Menopause					14:15-15:30
	Fetal anomalies: second trimester							
15:30-16:00	COFFEE & E-POSTER VIEWING							15:30-16:00
16:00-17:20	Live scan	Live scan	How to scan for gynecological cancer	Monochorionic twins: managing the risks	Cardiac functional evaluation			16:00-17:20
	Borderline findings: CNS	Optimising 3D/4D ultrasound						
17:30-18:10	"Meet the professor" sessions*							17:30-18:10

Thursday 21 September 2011

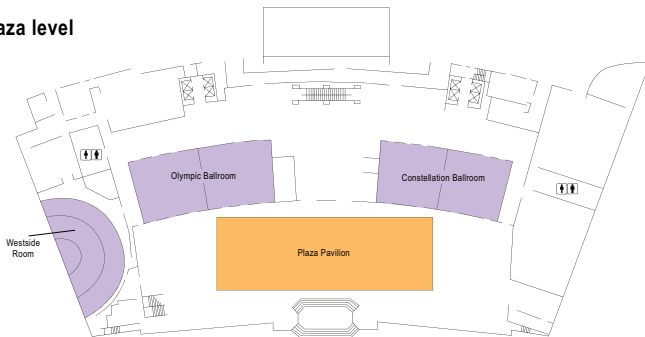
	LA Room	Santa Monica	Beverly Hills	Constellation	Westside	Olympic 1	Olympic 2	
07:15-07:55	"Meet the professor" sessions*							07:15-07:55
08:00-08:40	State of the art lecture							08:00-08:40
08:40-09:55	Live scan	Live scan	Assessing fetal health					08:40-09:55
	Aneuploidy and fetal anomalies: second trimester	Imaging and urogynecology						
10:00-10:45			OP34	OP36	OP37	OP38	OP35	10:00-10:45
10:30-11:00	COFFEE & E-POSTER VIEWING							10:30-11:00
11:00-12:15	A mock trial: wrongful birth							11:00-12:15
12:15-12:30	Closing plenary							12:15-12:30
12:30-14:15	LUNCH & CONGRESS CLOSING DRINKS							12:30-14:15

Key:

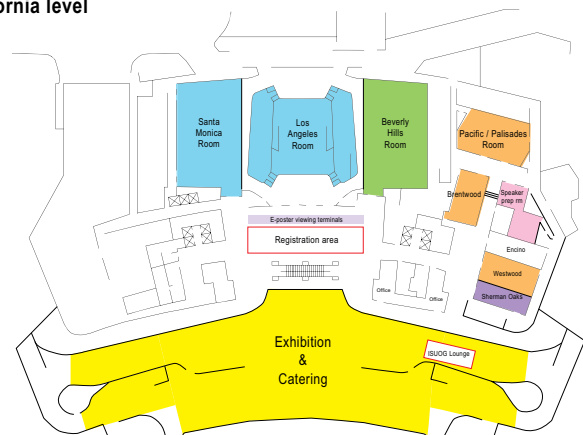
Electronic poster viewing	Gynecology live scan	Gynecology oral session	"Meet the professor" session*	Obstetrics live scan	Obstetrics oral session
Plenary session	Pre-congress course	Sponsor session	Short oral presentation session	Social	Workshop session

Floorplans:

Plaza level



California level



Please see full size plan inside front cover

* "Meet the professor" sessions must be pre-booked and cost \$35 per session.

Short oral presentations at a glance

Day	Poster session	Room
Monday (10:00 - 10:45)	OP01 Screening for congenital heart disease	Constellation 2
	OP02 Early pregnancy	Beverly Hills
	OP03 Advanced ultrasound and MRI evaluation of the CNS	Constellation 1
	OP04 Aneuploidy and fetal anomalies: second trimester	Westside
	OP05 Predicting complications in twin pregnancy	Olympic 1
	OP06 Prediction and diagnosis of placental disease	Olympic 2
Monday (12:20 - 13:05)	OP07 Imaging the normal and abnormal heart	Constellation 2
	OP08 Abnormal uterine bleeding	Beverly Hills
	OP09 Pre-eclampsia and uterine artery Doppler	Constellation 1
	OP10 Preterm labour and Caesarean section	Westside
	OP11 First trimester screening: quality assurance	Olympic 1
	OP12 Fetal surveillance and third trimester imaging	Olympic 2
Tuesday (10:00 - 10:45)	OP13 Gynecology case reports	Santa Monica
	OP14 Outcome and postnatal prognosis of CNS defects	Constellation 1
	OP15 New approaches to fetal cardiac imaging	Constellation 2
	OP16 Maternal fetal Doppler	Westside
	OP17 Fetal therapy	Olympic 1
	OP18 Aneuploidy and fetal anomalies: first trimester I	Olympic 2
Tuesday (12:20 - 13:05)	OP19 Reproductive medicine	Santa Monica
	OP20 Outcomes in fetal growth restriction	Constellation
	OP21 Developments in the first trimester scan	Westside
	OP22 Labour at term	Olympic 1
	OP23 New imaging technologies	Olympic 2
Wednesday (10:00 - 10:45)	OP24 Ovarian masses	Beverly Hills
	OP25 Normal and abnormal fetal growth	Constellation
	OP26 Fetal anomalies: second trimester	Westside
	OP27 Uteroplacental Doppler assessment	Olympic 1
	OP28 Fetal intervention and first trimester: obstetric case reports	Olympic 2
Wednesday (12:20 - 13:05)	OP29 Ultrasound imaging and treatment	Beverly Hills
	OP30 Fetal cardiac function	Constellation
	OP31 Perinatal outcomes and management of twin pregnancy	Westside
	OP32 Obstetric case reports	Olympic 1
	OP33 Assuring quality in ultrasound	Olympic 2
Thursday (10:00 - 10:45)	OP34 Urogynecology and pelvic floor	Santa Monica
	OP35 Detection of congenital cardiac defects	Olympic 2
	OP36 Fetal Doppler	Constellation
	OP37 Second trimester malformations	Westside
	OP38 Aneuploidy and fetal anomalies: first trimester II	Olympic 1

Electronic posters at a glance

E-posters (P) are available for viewing throughout the Congress on the electronic poster terminals in the California Lounge. You can also send questions or comments to authors using our NEW integrated e-mail facility. E-posters are subject categorised in the following pages.

Poster session		
P01	Advanced ultrasound and MRI evaluation of the CNS	Obstetrics
P02	Outcome and postnatal prognosis of CNS defects	
P03	Case reports in fetal neurosonography and CNS anomalies	
P04	Fetal heart	
P05	Case reports in fetal echocardiography and CHD	
P06	Aneuploidy and fetal anomalies: first trimester	
P07	Case reports in aneuploidy and fetal anomalies: first trimester	
P08	Aneuploidy and fetal anomalies: second trimester	
P09	Case reports in aneuploidy and fetal anomalies: second trimester	
P10	Fetal growth restriction	
P11	Case reports in diagnosing and managing fetal growth restriction	
P12	Fetal and maternal Doppler	
P13	Case reports in maternal fetal Doppler	
P14	Ultrasound in the third trimester and fetal surveillance	
P15	Case reports in the third trimester and fetal surveillance	
P16	Labour at term	
P17	Preterm labour and Caesarian section	
P18	Case reports in term and preterm labour	
P19	Multiple pregnancy	
P20	Case reports in multiple pregnancy	
P21	Fetal interventions	
P22	Case reports in fetal interventions	
P23	Imaging technologies	
P24	Case reports in imaging technology including MRI	
P25	Quality assurance	
P26	Case reports in the role of ultrasound in patient safety	
P27	Early pregnancy	
P28	Ovarian masses	Gynecology
P29	Pelvic pain and endometriosis	
P30	Reproductive medicine	
P31	Abnormal uterine bleeding	
P32	Urogynecology and pelvic floor	
P33	Advances in imaging	
P34	Case reports in gynecology	

‘Meet the professor’ sessions at a glance

Entry to these sessions is NOT included in the Congress registration fee.

Tickets cost \$35 and include catering (breakfast or drinks and snacks). These can be booked at the registration desk if places are available. You will receive a ticket as proof of your registration, which you will need this ticket for entry to the session.

Day & time	Session	Professor	Room
Monday (07:15 - 07:55)	Getting the most out of 3D/4D echocardiography	<i>R. Chaoui (Germany)</i>	Westside
	Myths and facts of 2nd trimester markers of aneuploidy	<i>D. Nyberg (United States)</i>	Olympic 1
	How to publish a paper in UOG	<i>B. Thilaganathan (United Kingdom)</i>	Olympic 2
	Ovarian pathology	<i>T. Bourne (United Kingdom)</i>	Constellation 1
	Significance of incidental sonographic findings in post menopausal wom	<i>S. Goldstein (United States)</i>	Constellation 2
	Integration of MRI in the evaluation of the CNS	<i>D. Prayer (Austria)</i>	Sherman Oaks
Monday (17:30 - 18:10)	Prenatal diagnosis of fetal heart dysrhythmias	<i>J. Copel (United States)</i>	Constellation 1
	Current issues in prenatal CMV infection	<i>Y. Ville (France)</i>	Westside
	Managing early pregnancy complications	<i>G. Condous (Australia)</i>	Olympic 1
	3D ultrasound of the pelvic floor	<i>D. Pretorius (United States)</i>	Olympic 2
	Abnormalities of the venous system	<i>S. Yagel (Israel)</i>	Sherman Oaks
Tuesday (07:15 - 07:55)	Current role and prospects for intrapartum sonography	<i>G. Pilu (Italy)</i>	Westside
	Early fetal echocardiography	<i>J. Carvalho (United Kingdom)</i>	Olympic 1
	Analytic approaches to volume data: how is 3D/4D helpful?	<i>W. Lee (United States)</i>	Olympic 2
	Prenatal management of congenital diaphragmatic hernia	<i>J. Deprest (Belgium)</i>	Constellation 1
	Levator trauma	<i>H. Dietz (Australia)</i>	Constellation 2
	Pelvic pain	<i>B. Benacerraf (United States)</i>	Sherman Oaks
Wednesday (07:15 - 07:55)	Current issues in IUGR management	<i>A. Baschat (United States)</i>	Constellation
	Fetal echocardiography: anomalies of cardiac chambers	<i>A. Abuhamad (United States)</i>	Westside
	3D in gynecology: luxury or necessity?	<i>I. Timor-Tritsch (United States)</i>	Olympic 1
	2nd trimester anomaly scan: what you can see and what you must see	<i>D. Paladini (Italy)</i>	Olympic 2
Wednesday (17:30 - 18:10)	Systematic approach to diagnosis and management of mono-chorionic twin complications	<i>E. Gratacós (Spain)</i>	Constellation
	New developments in first trimester ultrasound screenin	<i>C. Bilardo (Netherlands)</i>	Westside
	Applications and common technical errors in the use of fetal Doppler	<i>C. Brezinka (Austria)</i>	Olympic 1
	Ultrasound in reproductive medicine	<i>N. Raine-Fenning (United Kingdom)</i>	Olympic 2
Thursday (07:15 - 07:55)	Skeletal dysplasias	<i>D. Krakow (United States)</i>	Constellation
	Beyond the 4 chamber view: getting used to the outflow tract	<i>G. DeVore (United States)</i>	Westside
	Getting the most out of 3D volumes	<i>L. Platt (United States)</i>	Olympic 1
	How to diagnose and stage cervical cancer	<i>D. Fischerova (Czech Republic)</i>	Olympic 2

Pre-congress courses

Saturday 17 September (08:00 - 17:00)

Fetal echocardiography: secrets of the trade *Westside*

Sunday 18 September (08:00 - 13:00)

Pelvic floor ultrasound *Westside*

Doppler 'how to' *Olympic 1*

Fetal neurosonography: CNS anomalies *Olympic 2*

Sunday 18 September - Program

14:00 - 15:50

Plenary

Top abstracts *LA Ballroom*

Stuart Campbell Lecture, Hans Peter Dietz *LA Ballroom*

Special Lecture, Alfred Abuhamad *LA Ballroom*

15:50 - 16:20

AGM

ISUOG Annual General Meeting *LA Ballroom*

16:00 - 16:50

Break

Coffee break *California Showroom*

16:50 - 17:40

Plenary

Gold Medal Award and Lecture, Hugh Robinson *LA Ballroom*

Special Lecture, Alan DeCherney *LA Ballroom*

17:45 - 18:15

Social

Performance by: The Scattertones *LA Ballroom*

18:15 - 20:30

Welcome Reception *Hyatt pool & patio, Lobby level*

AGM**Sunday
15:50**

**The International Society of Ultrasound
in Obstetrics and Gynecology**

Invites you to attend the Annual General Meeting (AGM)

Sunday 18 September 2011 - 15:50

LA Ballroom, Hyatt Regency Century Plaza Hotel

All fully paid delegates at ISUOG's 21st World Congress in Los Angeles are online members of ISUOG in 2012 and are encouraged to attend the AGM for an update on ISUOG activities. Agenda and accompanying documents are available at www.isuog.org/membership/AGM.



Come and meet the team!

Visit the ISUOG Lounge in the California Showroom during the World Congress to find out more about the Society and its activities:

- ISUOG membership, online resources, courses and events
- Submitting and publishing in *Ultrasound in Obstetrics & Gynecology* (UOG)
- Accessing UOG online
- Accessing **ISUOG OnDemand** and **E-posters**

Stand activities:

Monday to Wednesday, 10:00 - 17:00 (all day)

- **Membership clinic:** A member of the team will be available to demonstrate ISUOG's online resources and answer your membership queries.
- **Meet an editor:** UOG's Managing Editor, Sarah Hatcher, and/or UOG's Editors will be available to answer author queries.
- **Meet the publisher:** representatives from the publisher Wiley-Blackwell will be on the ISUOG stand at all times.

Program – Saturday 17 September 2011

08:00 - 17:00 Pre-congress course: Fetal echocardiography: secrets of the trade Westside

- 08:00 *Chair: G. DeVore (United States)*
Introduction
G. DeVore (United States)
- 08:15 Detection rate of CHD: guidelines and what is missed?
M. Sklansky (United States)
- 08:45 First trimester fetal cardiac examination: what can we see and why do we do it?
G. DeVore (United States)
- 09:15 First trimester fetal cardiac examination: case studies of malformations
G. DeVore (United States)
- 09:45 The segmental examination of the heart: correlating the fetal and neonatal echocardiogram
M. Sklansky (United States)
- 10:15 The genetic sonogram: the role of fetal echocardiography
G. DeVore (United States)
- 10:45 VSDs why are they missed?
G. DeVore (United States)
- 11:15 The outflow tract examination: it should be our number 1 priority
M. Sklansky (United States)
- 11:45 Pearls: improving the detection of heart defects
M. Sklansky (United States)

Supported by: GE



12:00 - 13:00 Lunch California Lounge

- 13:00 SVT: step-by-step management protocol
M. Sklansky (United States)
- 13:30 3D/4D fetal echocardiography: how do we use it and why?
G. DeVore (United States)
- 14:00 Evaluating cardiac function: B-mode, pulsed Doppler and M-mode
G. DeVore (United States)
- 14:30 Evaluation cardiac function: 4D ultrasound
G. DeVore (United States)
- 15:00 Live scan*
G. DeVore (United States)
- 15:45 Live scan*
M. Sklansky (United States)
- 16:30 Q&A and close
M. Sklansky (United States); G. DeVore (United States)



Free WIFI internet thanks to an unrestricted education grant provided by GE Healthcare
(available to all delegates on the Congress levels - California, Plaza and Mezzanine)

GE Healthcare is celebrating ViewPoint's 20th anniversary with everyone at ISUOG! WIFI internet access is brought to you free of charge as our 'thank you' for helping us reach this milestone! Set your browser to SSID 'GE ViewPoint Sponsored Wireless' to access complimentary wireless on all Congress levels.



GE Healthcare

* Scientific content of live scan sessions is defined by ISUOG. Ultrasound systems and technical support are provided by sponsors.

Program – Sunday 18 September 2011

08:00 - 13:00 Pre-congress course: Fetal neurosonography: CNS anomalies Olympic 2

	<i>Chairs: G. Pilu (Italy), I. Timor-Tritsch (United States)</i>
08:00	Introduction and sonography of the normal embryonic and fetal brain <i>I. Timor-Tritsch (United States)</i>
08:30	Ventriculomegaly <i>G. Pilu (Italy)</i>
09:00	Agensis of the corpus callosum and absence of the septum pellucidum <i>I. Timor-Tritsch (United States)</i>
09:30	Cerebellar and posterior fossa anomalies <i>G. Malinge (Israel)</i>
10:00	Coffee break
10:30	Open and closed spina bifida <i>G. Pilu (Italy)</i>
11:00	Infections and destructive cerebral lesions <i>G. Malinge (Israel)</i>
12:00	RM of the fetal brain <i>D. Prayer (Austria)</i>
12:30	Case studies <i>G. Pilu (Italy); G. Malinge (Israel); I. Timor-Tritsch (United States)</i>
12:50	Q&A

08:00 - 13:00 Pre-congress course: Doppler 'how to' Olympic 1

	<i>Chairs: A. Baschat (United States); C. Brezinka (Austria)</i>
08:00	How to set up your ultrasound machine for optimal Doppler waveforms <i>C. Lees (United Kingdom)</i>
08:20	A round trip through the fetal circulation <i>C. Brezinka (Austria)</i>
08:40	Arterial and venous waveforms - what is normal? What is abnormal? <i>A. Baschat (United States)</i>
09:00	Cardiac waveforms - what is normal? What is abnormal <i>H. Gardiner (United Kingdom)</i>
09:20	Q&A and discussion <i>C. Brezinka (Austria)</i>
09:35	Doppler screening for adverse perinatal outcome <i>S. Campbell (United Kingdom)</i>
10:00	Coffee break
10:35	Management of fetal growth restriction <i>A. Baschat (United States)</i>
11:00	Evaluation of monozygotic twins <i>K. Hecher (Germany)</i>
11:25	Fetal anemia and hydrops <i>B. Thilaganathan (United Kingdom)</i>
12:00	Q&A and Discussion <i>A. Baschat (United States)</i>

08:00 - 12:00 Pre-congress course 6: Pelvic floor ultrasound Westside

	<i>Chair: H. Dietz (Australia)</i>
08:00	Introduction; slings and meshes <i>H. Dietz (Australia)</i>
08:30	Q&A
08:40	Anterior compartment <i>V. Eisenberg (Israel)</i>
09:10	Q&A
09:20	Posterior compartment <i>H. Dietz (Australia)</i>
09:50	Q&A
10:00	Coffee break
10:30	Anal sphincter imaging <i>S. Yagel (Israel)</i>
11:00	Q&A
11:10	Levator trauma <i>H. Dietz (Australia)</i>
11:40	Q&A
11:50	Live scan demonstrations and discussion* <i>H. Dietz (Australia)</i>

Supported by: GE



13:00 - 14:00 Lunch California Lounge

* Scientific content of live scan sessions is defined by ISUOG. Ultrasound systems and technical support are provided by sponsors.

Program – Sunday 18 September 2011

14:00 - 15:50 Top abstracts and special lectures		LA Ballroom
14:00	Chairs: E. Gratacós (Spain); A. Gagnon (Canada) Welcome <i>A. Tabor (Denmark)</i>	
14:10	Stuart Campbell Lecture: We'll soon do things differently: The impact of levator trauma on future clinical practice <i>H. Dietz (Australia)</i>	
14:30	Prevention of preterm delivery in twin gestations (PREDICT): a multicentre randomised placebo-controlled trial on the effect of vaginal micronised progesterone <i>L. Rode¹; K. Klein²; K. Nicolaidis³; E. Krampfl-Bettelheim²; I. Vogel¹; H. Larsen¹; A. Holmskov¹; K. Riis Andreasen¹; N. Uldbjerg¹; J. Ramb¹; B. Bødker¹; L. Skibsted¹; L. Sperling¹; S. Hinterberger²; L. Krebs¹; H. Zingenberg¹; E. Weiss²; I. Strobl²; L. Laursen¹; J. Tranberg Christensen¹; B. Hansen¹; A. Lando¹; A. Tabor¹. ¹(Denmark); ²(Austria); ³(United Kingdom)</i>	OC01.01
14:36	Discussion	
14:40	A step towards standardization in sonographic assessment of fetal venous system: sequential analysis of five-transverse views <i>E. Sinkovskaya; S. Horton; E. Berkley; J. Miller; A. Abuhamad (United States)</i>	OC01.02
14:46	Discussion	
14:50	[^] How does the IVF treatment protocol affect subendometrial blood flow prior to ovulation? <i>S. Sur; A. Elfituri; J. Clewes; B. Campbell; N. Raine-Fenning (United Kingdom)</i>	OC01.03
14:56	Discussion	
15:00	Impaired mid-gestational maternal cardiac function and left ventricular remodeling in women who subsequently develop preterm but not term pre-eclampsia <i>K. Melchiorre¹; G. Sutherland¹; A. Baltabaeva¹; M. Liberati²; B. Thilaganathan¹. ¹(United Kingdom); ²(Italy)</i>	OC01.04
15:06	Discussion	
15:10	Sonographic assessment of abnormal fetal cerebral lamination <i>D. Pugash; K. Dewar; G. Henderson; D. Money (Canada)</i>	OC01.05
15:16	Discussion	
15:20	Effects of cigarette smoking on first trimester sonographic markers <i>M. Mongelli; S. Reid; N. Stamatopoulos; K. Sankaralingam; G. Condous (Australia)</i>	OC01.06
15:26	Discussion	
15:30	Maternal mortality: a global crisis - is there a role for ultrasound? <i>A. Abuhamad (United States)</i>	
15:50 - 16:20 ISUOG Annual General Meeting		LA Ballroom
16:00 - 16:50 Coffee break		California Showroom
16:50 - 17:40 Special lectures and opening ceremony		LA Ballroom
16:50	Gold Medal introduction and acceptance from Hugh Robinson <i>S. Campbell (United Kingdom)</i>	
17:10	Special lecture: Assisted reproduction techniques and long term implications - what have we really created? <i>A. DeCherney (United States)</i>	
17:40 - 17:45 Interval		
17:45 - 18:15 Scattertones performance		LA Ballroom
18:15 - 18:30 Welcome reception		pool & patio area



Black Light Theatre Company - 2010 ISUOG World Congress, Prague

[^] This abstract has been shortlisted as a finalist for the Alfred Kratochwil 3D abstract award. The winner will be announced at the closing ceremony.

Special lecture biographies



Alfred Abuhamad

Dr Abuhamad currently serves as Professor and Chairman for the Department of Obstetrics and Gynecology at Eastern Virginia Medical School in Norfolk, Virginia. He is on the board of the Society of Ultrasound in Medical Education, International Society of Ultrasound in Obstetrics and Gynecology, Maternal Fetal Medicine Foundation and Colleagues in Care. Dr Abuhamad is Chairman of the Ob Right Program, a nationally recognized program in patient safety and simulation. He is also the President of the American Institute of Ultrasound in Medicine. He has published numerous papers in peer review journals and has authored two textbooks on fetal echocardiography. Dr Abuhamad is well known internationally for his work in ultrasound, prenatal diagnosis, outreach and patient safety.



Alan DeCherney

Alan Hersh DeCherney, M.D., received his Bachelor's Degree in Natural Sciences from Muhlenberg College in Allentown, Pennsylvania where he served on the Board of Trustees from 2006-2010. He obtained his Medical Degree from Temple University School of Medicine where he was awarded the Henry Laughlin Alumnus of the Year Award in 2005. He is currently Head of the Program in Reproductive and Adult Endocrinology/Reproductive Biology and Medicine Branch of the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD). Previously, Dr DeCherney has held positions at Yale and UCLA. He is a Fellow of the American College of Obstetricians and Gynecologists and has been an active Board Member and President of several societies including Past President of the American Society for Reproductive Medicine. He is the Editor-in-Chief Emeritus of the Journal, Fertility and Sterility, and was an Associate Editor and Editorial Board Member of the New England Journal of Medicine. Dr. DeCherney has been a Member of the Institute of Medicine of the National Academies (IOM) since 2004 and is currently Chairperson of the IOM Interest Group on Maternal & Child & Human Development.



Hans-Peter Dietz

Hans Peter Dietz was born in Tuebingen, Germany, in 1963. He studied Medicine at Heidelberg University, Germany where he graduated in 1988 and obtained his MD in 1989. He trained in Germany, New Zealand and Australia, obtaining specialist OB/ GYN qualification in 1998 and Urogynecology subspecialty certification in 2002. In 2003 he completed a PhD with the University of New South Wales. In 2008 he became Professor in Obstetrics & Gynaecology, Sydney Medical School Nepean, University of Sydney. He is Associate Editor of the 'Australian and New Zealand Journal of Obstetrics and Gynaecology' and an Editor of 'Ultrasound in Obstetrics and Gynaecology'. He is active in a number of international scientific societies such as RANZCOG, IUGA, ISUOG and ICS and a member of the International Board of IUGA. He is married with two sons and lives in the Blue Mountains west of Sydney, Australia.



Hugh Robinson

Hugh Robinson was born 1943 in Ayr Scotland, 40 miles south of Glasgow. He was educated at Ayr Academy, a school whose roots go back to the 1202's. He undertook his medical education at Glasgow University, qualifying in 1967 and was encouraged to specialise in Obstetrics and Gynaecology by Dr John MacVicar, an early co-worker in ultrasound with Prof Ian Donald, then his Senior Lecturer. After the British College specialty examination, he took up a position as Research Assistant to Prof Ian Donald, specialising in the first trimester of pregnancy, both normal and abnormal, and writing an M.D. thesis on his work.

Prof Robinson moved to Melbourne, Australia in 1978 with his family, to take up a position as First Assistant (Associate Professor) at the Royal Women's Hospital. Ultrasound research continued, focusing on follicle development in relation to the early development of IVF treatment, fetal anomaly diagnosis and management, and Rh disease treatment. In 1981 he set up in private ultrasound practice in Melbourne.

He served on the Council of the Royal Australian College of Obstetrics and Gynaecology from 1987 to 1992, during which time he chaired the Committee which set up ultrasound as a subspecialty within the college. Prof Robinson retired from medical practice in 2006, to live on a vineyard south of Melbourne, which he has been developing since 1985. He is now a full-time grape-grower and a part-time grandfather to two grand-daughters.

Monday 19 September - Program

MTP
\$35

07:15 - 07:55

Meet the Professor' sessions *(these are not part of the main program and must be booked – see program for details)*

Plenary

08:00 - 08:40

State of the art lecture *LA Room*

OC

08:40 - 09:55

Aneuploidy and fetal anomalies: first trimester I *LA Room*

Placental health and pre-eclampsia *Santa Monica*

Early pregnancy I: miscarriage and growth *Beverly Hills*

OP

10:00 - 10:45

Screening for congenital heart disease *Constellation 2*

Early pregnancy *Beverly Hills*

Advanced ultrasound and MRI evaluation of the CNS *Constellation 1*

Aneuploidy and fetal anomalies: second trimester *Westside*

Predicting complications in twin pregnancy *Olympic 1*

Prediction and diagnosis of placental disease *Olympic 2*

OC

11:00 - 12:15

Cardiac anomalies of the outflow tract *LA Room*

Risks and management of twin pregnancies *Santa Monica*

Early pregnancy II: PUL and ectopic pregnancy *Beverly Hills*

OP

12:20 - 13:05

Imaging the normal and abnormal heart *Constellation 2*

Abnormal uterine bleeding *Beverly Hills*

Pre-eclampsia and uterine artery Doppler *Constellation 1*

Preterm labour and Caesarean section *Westside*

First trimester screening: quality assurance *Olympic 1*

Fetal surveillance and third trimester imaging *Olympic 2*

Sponsor

13:10 - 14:10

GE satellite symposium *LA Room*

OC

14:15 - 15:30

Aneuploidy and fetal anomalies: first trimester II *LA Room*

Complications of twin pregnancy *Santa Monica*

Ultrasound in gynecologic emergencies *Beverly Hills*

Workshops

16:00 - 17:20

Borderline findings: the heart *Santa Monica*

Using 3D in the gynecology patient *Beverly Hills*

Prediction and prevention of preterm birth *LA Room*

Management of placental disease *Westside*

Ultrasound training: education and simulators *Olympic 1*

MTP
\$35

17:30 - 18:10

'Meet the Professor' sessions *(these are not part of the main program and must be booked – see program for details)*

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Program – Monday 19 September 2011

07:15 - 07:55 'Meet the professor' sessions

Entry to these sessions is NOT included in the Congress registration fee.

Tickets cost \$35 to include breakfast and can be booked at the registration desk if places are available.

You will receive a ticket as proof of your registration, which you will need for entry to the session.

Getting the most out of 3D/4D echocardiography <i>R. Chaoui (Germany)</i>	Westside
Myths and facts of 2nd trimester markers of aneuploidy <i>D. Nyberg (United States)</i>	Olympic 1
How to publish a paper in UOG <i>B. Thilaganathan (United Kingdom)</i>	Olympic 2
Ovarian pathology <i>T. Boume (United Kingdom)</i>	Constellation 1
Significance of incidental sonographic findings in post menopausal women <i>S. Goldstein (United States)</i>	Constellation 2
Integration of MRI in the evaluation of the CNS <i>D. Prayer (Austria)</i>	Sherman Oaks

08:00 - 08:40 State of the art lecture

LA Room

Chair: *E. Gratacós (Spain)*
Long term outcome of congenital heart disease
J. Aboulhoson (United States)

08:40 - 09:55 Aneuploidy and fetal anomalies: first trimester I

LA Room

08:00	Chairs: <i>A. Tabor (Denmark); A. Abuhamad (United States)</i> Overview <i>A. Tabor (Denmark)</i>	
08:45	Live scan: [supported by: Samsung Medison*] <i>W. Sepulveda (Chile)</i>	
09:00	Nuchal Translucency Education and Quality Review (NTQR) program: first one million results <i>H. Cuckle; L. Thornburg; B. Bromley; K. Fuchs; L. Platt; R. Wapner; M. D'Alton (United States)</i>	OC02.01
09:05	Discussion	
09:08	First trimester examination with a web-based system. Experiences from the Swedish National Quality Registry for prenatal diagnosis <i>P. Conner; A. Marsk; M. Kublickas; H. Almström (Sweden)</i>	OC02.02
09:13	Discussion	
09:16	Increased nuchal translucency, normal karyotype and infant development <i>C. Miltoft; C. Ekelund; B. Hansen; A. Lando; O. Petersen; P. Skovbo; F. Jørgensen; L. Sperling; H. Zingenberg; A. Nikkila; A. Shalmi; I. Stormes; V. Erbak; A. Tabor (Denmark)</i>	OC02.03
09:21	Discussion	
09:24	First trimester nuchal translucency (NT) screening vs NT Screening plus an anatomical survey: does it make a difference? <i>G. DeVore; B. Polanco (United States)</i>	OC02.04
09:29	Discussion	
09:32	Fetal echocardiography at 11-14 weeks by experienced obstetricians in a routine population during first trimester US screening for chromosomal abnormalities <i>G. Rembouskos; G. Volpe; V. De Robertis; A. Tempesta; G. Campobasso; U. Passamonti; P. Volpe (Italy)</i>	OC02.05
09:37	Discussion	
09:40	Repeated invasive procedures for prenatal diagnosis. What is the total fetal loss? <i>A. Antsaklis; M. Theodora; K. Blanas; V. Maritsa; G. Daskalakis; S. Mesogitis; N. Papantoniou (Greece)</i>	OC02.06
09:45	Discussion	
09:48	Summary and close <i>A. Tabor (Denmark)</i>	

08:40 - 09:55 Placental health and pre-eclampsia

Santa Monica

Chairs: *A. Papageorghiou (United Kingdom); K. Maršál (Sweden)*
08:40 Overview
A. Papageorghiou (United Kingdom)
08:45 Live scan [supported by: Siemens*]
A. Baschat (United States)

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Program – Monday 19 September 2011

09:00	^{yi} Performance of routine screening for pre-eclampsia by maternal factors, uterine artery Doppler, arterial pressure and PAPP-A in a general population setting <i>J. Stimemann; L. Salomon; G. Benoist; M. Essaoui; J. Bernard; Y. Ville (France)</i>	OC03.01
09:05	Discussion	
09:08	Placental vascular impedance differential: comparative analysis of fetal umbilical artery and maternal uterine artery Doppler flow to assess placental circulatory health <i>J. Rychik; Q. Pan; Z. Tian (United States)</i>	OC03.02
09:13	Discussion	
09:16	Comparative study on quantitative parameters of blood perfusion and microvessel density in placenta of rat model of pre-eclampsia evaluated with contrast-enhanced ultrasound <i>X. Chen (China)</i>	OC03.03
09:21	Discussion	
09:24	Reducing stillbirth at term: role of mid-trimester uterine artery doppler <i>T. Singh; C. Lacovella; A. Bhide; B. Thilaganathan (United Kingdom)</i>	OC03.04
09:29	Discussion	
09:32	^{yi} Impaired maternal cardiac contractility and systolic dysfunction is a feature of preterm and not term pre-eclampsia <i>K. Melchiorre¹; G. Sutherland¹; A. Baltabaeva¹; M. Liberati²; B. Thilaganathan¹, ¹(United Kingdom); ²(Italy)</i>	OC03.05
09:37	Discussion	
09:40	Pre-eclampsia predisposes to persistent long-term postpartum left ventricular myocardial injury <i>K. Melchiorre¹; G. Sutherland¹; A. Baltabaeva¹; M. Liberati²; B. Thilaganathan¹, ¹(United Kingdom); ²(Italy)</i>	OC03.06
09:45	Discussion	

08:40 - 09:55 Early pregnancy I: miscarriage and growth Beverly Hills

	<i>Chairs: C. Benson (United States); T. Bourne (United Kingdom)</i>	
08:40	Overview <i>T. Bourne (United Kingdom)</i>	
08:45	Discussion: How do we define miscarriage using ultrasound - comparing and contrasting national guidelines <i>C. Benson (United States); C. Bottomley (United Kingdom)</i>	
09:05	The 6mm crown-rump length threshold for detecting fetal heart movements - what is the evidence? <i>J. Hamilton; (United Kingdom)</i>	OC04.01
09:10	Discussion	
09:13	^{yi} Longitudinal growth of crown-rump length, gestation sac and yolk sac in pregnancies following fertility treatment <i>A. Pexsters¹; A. Daemen¹; C. Bottomley²; Y. Abdallah²; O. Najji²; T. D'Hooghe¹; T. Bourne²; D. Timmerman¹, ¹(Belgium); ²(United Kingdom)</i>	OC04.02
09:18	Discussion	
09:21	Expectant management of delayed miscarriage - are we setting ourselves up to fail? <i>S. Merritt; M. McVeigh; P. Seed; J. Hamilton (United Kingdom)</i>	OC04.03
09:26	Discussion	
09:29	^{yi} The appearance of an embryo with or without visible heartbeat and yolk sac in small gestation sacs in accurately dated fertility treatment patients <i>A. Pexsters¹; A. Daemen¹; C. Bottomley²; Y. Abdallah²; O. Najji²; T. D'Hooghe¹; T. Bourne²; D. Timmerman¹, ¹(Belgium); ²(United Kingdom)</i>	OC04.04
09:34	Discussion	
09:37	The limitations of using mean gestation sac diameter (MSD) measurements to define miscarriage <i>T. Bourne²; Y. Abdallah²; A. Daemen²; O. Najji²; A. Pexsters²; C. Bottomley¹; C. Stalder¹; D. Timmerman², ¹(United Kingdom); ²(Belgium)</i>	OC04.05
09:42	Discussion	

10:00 - 10:45 Short oral presentation (OP) sessions

OP01: Screening for congenital heart disease	Constellation 2
<i>Chairs: G. DeVore (United States); J. Wladimiroff (United Kingdom)</i>	
OP02: Early pregnancy	Beverly Hills
<i>Chairs: K. Barnhart (United States); S. Goldstein (United States)</i>	
OP03: Advanced ultrasound and MRI evaluation of the CNS	Constellation 1
<i>Chairs: G. Malinge (Israel); M. Sanz-Cortes (Spain)</i>	
OP04: Aneuploidy and fetal anomalies: second trimester	Westside
<i>Chairs: D. Nyberg (United States); T. Shipp (United States)</i>	
OP05: Predicting complications in twin pregnancy	Olympic 1
<i>Chairs: Y. Ville (France); R. Chmait (United States)</i>	
OP06: Prediction and diagnosis of placental disease	Olympic 2
<i>Chairs: E. Hernandez-Andrade (Mexico); L. Salomon (France)</i>	

10:30 - 11:00 Coffee and e-poster viewing California Showroom

11:00 - 12:15 Cardiac anomalies of the outflow tract LA Room

	<i>Chairs: J. Fourn (Canada); J. Copel (United States)</i>
11:00	Overview <i>J. Fourn (Canada)</i>
11:05	Live scan: Fetal heart - beyond the four chambers [supported by: Philips*] <i>B. Tutschek (Switzerland)</i>

* Scientific content of live scan sessions is defined by ISUOG. Ultrasound systems and technical support are provided by sponsors.

^{yi} This presentation is eligible for the Young Investigator award (to be presented at the closing ceremony).

Program – Monday 19 September 2011

11:25	To coarct or not to coarct: does the third trimester 'golf club sign' help in differentiating a true from a false coarctation? <i>R. Abu-Rustum; L. Daou; M. Ziade; S. Abu-Rustum (Lebanon)</i>	OC05.01
11:30	Discussion	
11:33	The aorta/RV diameter ratio allows to rule out aortic coarctation in cases referred for ventricular disproportion or suspect of coarctation. A multivariate analysis study <i>D. Paladini; G. Sglavo; G. Pastore; M. Sorrentino; C. Nappi (Italy)</i>	OC05.02
11:38	Discussion	
11:41	Sonographic predictors of surgery in fetal coarctation of the aorta <i>V. Jowett¹; P. Aparicio¹; S. Santhakumaran¹; A. Seale¹; H. Jicinska²; H. Gardiner¹. ¹(United Kingdom); ²(Czech Republic)</i>	OC05.03
11:46	Discussion	
11:49	Aortic arch anatomy helps identify the fetus at-risk for a chromosome 22q11.2 deletion <i>S. Peyvandj; J. Garbarini; S. Woyciechowski; B. Emanuel; E. Goldmuntz (United States)</i>	OC05.04
11:54	Discussion	
11:57	Prenatal detection of an aberrant right subclavian artery, as an isolated finding and its consequences: a prospective study <i>A. Gerede; A. Athanasiadis; F. Rouvalis; A. Zavlanos; C. Armaoutoglou; P. Tzeveleki; E. Assimakopoulos; B. Tarlatzis (Greece)</i>	OC05.05
12:02	Discussion	
12:05	Summary and close <i>J. Fouron (Canada)</i>	

11:00 - 12:15 Risks and management of twin pregnancies

Santa Monica

	<i>Chairs: R. Romero (United States); M. Porto (United States)</i>	
11:00	Overview <i>R. Romero (United States)</i>	
11:05	Preventing preterm birth in twins <i>R. Romero (United States)</i>	
11:25	^{vi} Vaginal progesterone and the risk of preterm delivery in high-risk twin gestations - secondary analysis of a placebo-controlled randomized trial <i>K. Klein¹; L. Rode²; K. Nicolaides³; E. Krampfl-Bettelheim¹; H. Larsen²; A. Holmskov²; K. Riis Andreassen²; N. Ulbjerg²; J. Ramb²; B. Bødker²; L. Skibsted²; L. Sperling²; S. Hinterberger¹; L. Krebs²; H. Zingenberg²; E. Weiss¹; I. Strobl¹; L. Laurson²; J. Tranberg Christensen²; I. Vogel²; B. Hansen²; A. Lando²; A. Tabor². ¹(Austria); ²(Denmark); ³(United Kingdom)</i>	OC06.01
11:30	Discussion	
11:33	Cervix measurement in spontaneous labor prediction in a large population of twins from a metropolitan hospital from Santiago, Chile <i>M. Yamamoto; F. Jordan; L. Caicedo; M. Barraza; E. Paiva; A. Insunza (Chile)</i>	OC06.02
11:38	Discussion	
11:41	Optimal timing of screening cervical length to predict preterm delivery in triplet pregnancy <i>E. Kim; J. Jun; C. Park; J. Park; B. Yoon; H. Syn (Republic of Korea)</i>	OC06.03
11:46	Discussion	
11:49	Assisted reproductive technologies and fetal anomalies in multiple gestations <i>R. Gutkin; C. Hillerup; N. Silverman; D. Krakow; K. Patel; L. Platt (United States)</i>	OC06.04
11:54	Discussion	
11:57	Neonatal respiratory morbidity in twins versus singletons after elective late-preterm cesarean section <i>M. Nanni; T. Ghi; T. Arcangeli; A. Youssef; F. De Musso; E. Maroni; F. Bellussi; G. Salsi; L. Cariello; G. Pilu; N. Rizzo (Italy)</i>	OC06.05
12:02	Discussion	
12:05	Summary and close <i>R. Romero (United States)</i>	

11:00 - 12:15 Early pregnancy II: PUL and ectopic pregnancy

Beverly Hills

	<i>Chairs: G. Condous (Australia); A. Parsons (United States)</i>	
11:00	Overview <i>A. Parsons (United States)</i>	
11:05	Why and how do definitions of PUL vary between Europe and USA, and reducing follow-up <i>S. Goldstein (United States)</i>	
11:20	New potential markers of ectopic pregnancy <i>K. Barnhart (United States)</i>	
11:35	Serial hCG assays for the management of pregnancies of unknown location (PUL): does the timing of hCG samples matter? <i>Y. Abdallah¹; W. Hoo¹; K. Van Hoorde²; O. Najji¹; B. Van Calster²; E. Kirk¹; A. Pexsters²; C. Bottomley¹; C. Stalder¹; S. Van Huffel²; D. Timmerman²; T. Bourne¹. ¹(United Kingdom); ²(Belgium)</i>	OC07.01
11:40	Discussion	
11:43	The efficacy and safety of ultrasound-guided methotrexate treatment in cesarean scar pregnancy <i>L. Wang; H. Xu; J. Wang; X. Gao; Q. Lin; Q. Cui; Z. Yuan (China)</i>	OC07.02
11:48	Discussion	
11:51	Local and systemic methotrexate injection may be the preferred treatment of cesarean section scar pregnancies: experience of 16 cases <i>I. Timor-Tritsch; A. Monteagudo; E. Rodgers; R. Santos (United States)</i>	OC07.03
11:56	Discussion	
11:59	Can knowledge of pretreatment beta hCG level (βhcg) and size of ectopic pregnancy aid in predicting failure of methotrexate therapy? <i>S. Muhammad; P. Land; K. Hayes (United Kingdom)</i>	OC07.04
12:04	Discussion	

* Scientific content of live scan sessions is defined by ISUOG. Ultrasound systems and technical support are provided by sponsors.

^{vi} This presentation is eligible for the Young Investigator award (to be presented at the closing ceremony).

Program – Monday 19 September 2011

12:07	Comparing the subjective impression of the examiner to the hCG ratio and mathematical models for the management of pregnancies of unknown location (PUL) <i>Y. Abdallah¹; O. Naji¹; K. Van Hoorde²; A. Iram¹; B. Van Calster²; E. Kirk¹; A. Pexsters²; R. Husicka¹; C. Stalder¹; S. Van Huffel²; D. Timmerman²; T. Bourne¹. ¹(United Kingdom); ²(Belgium)</i>	OC07.05
12:12	Discussion	
12:20 - 13:05	Short oral presentation (OP) sessions	
	OP07: Imaging the normal and abnormal heart <i>Chairs: R. Chaoui (Germany); J. Fournon (Canada)</i>	Constellation 2
	OP08: Abnormal uterine bleeding <i>Chairs: A. Parsons (United States); E. Epstein (Sweden)</i>	Beverly Hills
	OP09: Pre-eclampsia and uterine artery Doppler <i>Chairs: C. Lees (United Kingdom); A. Odibo (United States)</i>	Constellation 1
	OP10: Preterm labour and Caesarean section <i>Chairs: P. Calda (Czech Republic); H. Feltovich (United States)</i>	Westside
	OP11: First trimester screening: quality assurance <i>Chairs: K. Leung (Hong Kong); J. Hyett (Australia)</i>	Olympic 1
	OP12: Fetal surveillance and third trimester imaging <i>Chair: S. Eik-Nes (Norway); L. Salomon (France)</i>	Olympic 2
12:45 - 14:15	Lunch and e-poster viewing	California Showroom
13:10 - 14:10	GE satellite symposium**	LA Room
14:15 - 15:30	Aneuploidy and fetal anomalies: first trimester II	LA Room
	<i>Chairs: L. Platt (United States); J. Hyett (Australia)</i>	
14:15	Overview <i>L. Platt (United States)</i>	
14:20	Live scan [supported by: Hitachi Aloka Medical*] <i>J. Carvalho (United Kingdom)</i>	
14:35	^A Diagnosis of fetal orofacial clefts in the first trimester: a three-dimensional (3D) ultrasound study <i>P. Martinez-Ten¹; B. Adiego¹; T. Illescas¹; C. Bermejo¹; A. Wong²; W. Sepulveda². ¹(Spain); ²(Chile)</i>	OC08.01
14:40	Discussion	
14:43	A novel view to assess the presence of nasal bone in the first trimester - pre-maxillary triangle view: a feasibility study <i>V. Raja; I. Suresh; S. Seshadri; J. Ramesh; B. Kugan; S. Sairam (India)</i>	OC08.02
14:48	Discussion	
14:51	Assessment of posterior fossa in fetuses with Dandy Walker malformation at 11-13 weeks: a pilot study <i>R. Lachmann¹; E. Sinkovskaya²; A. Abuhamad². ¹(Germany); ²(United States)</i>	OC08.03
14:56	Discussion	
14:59	Resolution of enlarged nuchal translucency or cystic hygroma prior to chorionic villus sampling: impact on outcomes <i>J. Coletta; L. Price; K. Fuchs (United States)</i>	OC08.04
15:04	Discussion	
15:07	Increased detection of structural abnormalities in the first trimester using aneuploidy markers <i>A. Borrell; M. Grande; M. Arigita; V. Borobio; J. Jimenez; B. Puerto (Spain)</i>	OC08.05
15:12	Discussion	
15:15	Accuracy and precision of crown-rump length and other fetal biometry in nuchal translucency screening interpretation <i>R. Gutkin; H. Cuckle; N. Silverman; D. Krakow; K. Patel; L. Platt (United States)</i>	OC08.06
15:20	Discussion	
15:23	Summary and close <i>L. Platt (United States)</i>	
14:15 - 15:30	Complications of twin pregnancy	Santa Monica
	<i>Chairs: K. Hecher (Germany); A. Gagnon (Canada)</i>	
14:15	Complications of twin pregnancy <i>K. Hecher (Germany)</i>	
14:35	Fetal growth in multiple gestations: effects of CVS followed by selective reduction at a single institution <i>S. Rad; A. Fong; D. Ogunyemi; J. Williams (United States)</i>	OC09.01
14:40	Discussion	
14:43	Complications and outcome of invasive prenatal diagnosis in twin pregnancies <i>C. Zanardini; P. Rovida; V. Stagnati; F. Prefumo; C. Grolli; T. Frusca (Italy)</i>	OC09.02
14:48	Discussion	
14:51	Systematic review of monochorionic versus dichorionic twin pregnancy losses near term <i>T. Dias; D. Patel; C. Iacovella; S. Mahsud-Doman; A. Bhide; B. Thilaganathan (United Kingdom)</i>	OC09.03
14:56	Discussion	
14:59	Crown-rump length and abdominal circumference discrepancy as early predictors of late adverse pregnancy outcome in monochorionic diamniotic pregnancies	OC09.04

* Scientific content of live scan sessions is defined by ISUOG. Ultrasound systems and technical support are provided by sponsors.

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^A This abstract has been shortlisted as a finalist for the Alfred Kratochwil 3D abstract award. The winner will be announced at the closing ceremony.

Program – Monday 19 September 2011

	<i>C. Zanardini; G. Pagani; V. Stagnati; R. Elmetti; F. Prefumo; A. Fichera; T. Frusca (Italy)</i>	
15:04	Discussion	
15:07	Perinatal outcome of surviving co-twins in monochorionic twin pregnancies complicated by single fetal demise after 20 weeks of gestation	OC09.05
	<i>S. Kim; J. Jun; C. Park; J. Park; H. Syn (Republic of Korea)</i>	
15:12	Discussion	
15:15	Incidence of stillbirth after viability in a large, unselected cohort of monochorionic twin pregnancies	OC09.06
	<i>K. Pettit¹; M. Merchant¹; G. Machin²; M. Norton¹. ¹(United States); ²(Canada)</i>	
15:20	Discussion	

14:15 - 15:35 Ultrasound in gynecologic emergencies Beverly Hills

	<i>Chairs: R. Sanders (United States); D. Timmerman (Belgium)</i>
14:15	Evaluating the lost IUD <i>B. Benacerraf (United States)</i>
14:35	When and how do we need to intervene once we have diagnosed ectopic pregnancy? <i>G. Condous (Australia)</i>
14:50	Ultrasound features and evidence based management of adnexal torsion <i>C. Bottomley (United Kingdom)</i>
15:05	Ultrasound diagnosis and treatment of pelvic infection and abscess <i>I. Timor-Tritsch (United States)</i>
15:25	Discussion <i>R. Sanders (United States)</i>

15:30 - 16:00 Coffee and e-poster viewing California Showroom

16:00 - 17:20 Borderline findings: the heart Santa Monica

	<i>Chair: D. Paladini (Italy)</i>
16:00	Persistent left superior vena cava. What to look for <i>R. Chaoui (Germany)</i>
16:20	How to avoid VSD epidemics <i>D. Paladini (Italy)</i>
16:40	Tricuspid regurgitation. Is it trivial or not? <i>G. DeVore (United States)</i>
17:00	Live scan: fast & furious without compromising on efficiency [Supported by GE*] <i>D. Paladini (Italy)</i>

16:00 - 17:20 Using 3D in the gynecology patient Beverly Hills

	<i>Chair: B. Benacerraf (United States)</i>
16:00	Volume acquisition in gynecology <i>B. Benacerraf (United States)</i>
16:15	The uterus and SIS <i>S. Campbell (United Kingdom)</i>
16:30	Uterine anomalies pre and post surgery <i>B. Benacerraf (United States)</i>
16:45	The adnexa including vascular indices <i>I. Timor-Tritsch (United States)</i>
17:00	Discussion <i>B. Benacerraf (United States)</i>

16:00 - 17:20 Prediction and prevention of preterm birth LA Room

	<i>Chair: R. Romero (United States)</i>
16:00	Cervical ultrasound to predict preterm birth <i>S. Hassan (United States)</i>
16:20	The role of progestogens to prevent preterm birth <i>R. Romero (United States)</i>
16:40	The role of cerclage to prevent preterm birth <i>Z. Alfirevic (United Kingdom)</i>
17:00	Case presentations <i>All speakers</i>

16:00 - 17:20 Management of placental disease Westside

	<i>Chairs: C. Bilardo (Netherlands); R. Cruz-Martinez (Spain)</i>
16:00	Introduction <i>C. Bilardo (Netherlands)</i>
16:05	Screening for placental dysfunction <i>A. Papageorgiou (United Kingdom)</i>
16:25	Discussion

Program – Monday 19 September 2011

16:30	Early onset fetal growth restriction <i>A. Baschat (United States)</i>
16:50	Discussion
16:55	Late onset fetal growth restriction <i>E. Gratacós (Spain)</i>
17:15	Questions and answers

16:00 - 17:15 Ultrasound training: education and simulators

Olympic 1

	<i>Chairs: B. Tutschek (Switzerland); R. Tepper (Israel)</i>
16:00	Introduction <i>B. Tutschek (Switzerland)</i>
16:05	Ultrasound education at present in the USA <i>W. Lee (United States)</i>
16:15	ISUOG proposed training <i>B. Tutschek (Switzerland)</i>
16:30	Medical simulation <i>R. Hershkovitz (Israel)</i>
16:40	Simple virtual reality imaging for OB&GYN ultrasound <i>B. Tutschek (Switzerland)</i>
16:50	Educational means for teaching OBGYN ultrasound in Simultech, Israeli medical simulation center <i>R. Tepper (Israel)</i>
17:05	Discussion panel <i>B. Tutschek (Switzerland)</i>

17:30 - 18:10 'Meet the professor' sessions

Entry to these sessions is NOT included in the Congress registration fee.

Tickets cost \$35 to include drinks and refreshments and can be booked at the registration desk if places are available.

You will receive a ticket as proof of your registration, which you will need for entry to the session.

Prenatal diagnosis of fetal heart dysrhythmias <i>J. Copel (United States)</i>	Constellation 1
Current issues in prenatal CMV infection <i>Y. Ville (France)</i>	Westside
Managing early pregnancy complications <i>G. Condous (Australia)</i>	Olympic 1
3D ultrasound of the pelvic floor <i>D. Pretorius (United States)</i>	Olympic 2
Abnormalities of the venous system <i>S. Yagel (Israel)</i>	Sherman Oaks



Short oral presentations – Monday 19 September 2011

OP01: Screening for congenital heart disease

Constellation 2

Chairs: G. DeVore (United States); J. Wladimiroff (United Kingdom)

The functional single ventricle heart in the fetus: accuracy of prenatal diagnosis and outcome	OP01.01
<u>D. Albert</u> (Spain)	
Right ventricle dilatation: an alert sign in the fetal heart	OP01.02
<u>S. Grinenco</u> (Argentina)	
Fetal PR interval in pregnant women with positive anti SSA/Ro and anti SSA/La antibodies, and risk of developing fetal heart block	OP01.03
<u>H. Muñoz</u> (Chile)	
The study of ventricular septal defect typing and location by fetal echocardiography	OP01.04
<u>Y. He</u> (China)	
Prenatal diagnosis and treatment planning of conotruncal anomalies: fetal echocardiographic features, associated anomalies and outcome	OP01.05
<u>D. Albert</u> (Spain)	
Clinical study of the fetal echocardiogram in double-outlet right ventricle	OP01.06
<u>H. Su</u> (China)	
Intrauterine evolution of fetal cardiac defects diagnosed between 11 and 14 weeks of gestation	OP01.07
<u>M. Autuori</u> (Italy)	
Dilated right ventricle and foramen ovale restriction: a 'near' physiology view	OP01.08
<u>B. Matarrelli</u> (Italy)	
Brain perfusion changes in fetuses with congenital heart defects as measured by spectral Doppler indices and fractional moving blood volume	OP01.09
<u>R. Cruz-Martínez</u> (Spain)	
First-trimester nuchal translucency cutoffs to detect second trimester cardiac abnormalities in euploid fetuses	OP01.10
<u>A. Shamshirsaz</u> (United States)	
Can the fetal NT help predict the evolution of hypoplastic left heart syndrome suspected at 11-14 weeks?	OP01.11
<u>R. Abu-Rustum</u> (Lebanon)	

OP02: Early pregnancy

Beverly Hills

Chairs: K. Barnhart (United States); S. Goldstein (United States)

The comparison of Power Doppler colour scores and volume of retained products of conception in a woman with incomplete miscarriage: prediction of successful expectant management	OP02.01
<u>I. Casikar</u> (Australia)	
Is there a correlation between birth weights and early first trimester crown-rump length (CRL) growth rates?	OP02.02
<u>M. Mongelli</u> (Australia)	
Pregnancies of unknown location: what influences outcome? [^]	OP02.03
<u>S. Winder</u> (Australia)	
Prediction of abortion using three dimensional ultrasound volumetry of the gestational sac and the amniotic sac in threatened abortion	OP02.04
<u>M. Odeh</u> (Israel)	
Ovulation-implantation interval in relation to early pregnancy outcome	OP02.05
<u>A. Mahendru</u> (United Kingdom)	
New model to predict viability at the end of the first trimester for women with an intrauterine pregnancy of uncertain viability (IPUVI)	OP02.06
<u>A. Model</u> (Australia)	
Behaviour of serum hormone levels at 4 and 5 weeks gestation in an IVF treatment population	OP02.07
<u>A. Pexsters</u> (Belgium)	
Linear and volumetric ultrasound measures of embryo growth and their predictive value for first trimester miscarriage	OP02.08
<u>S. Sur</u> (United Kingdom)	
A decision tree analysis incorporating 3-D US variables to predict outcome of pregnancies of unknown location	OP02.09
<u>S. Winder</u> (Australia)	
First trimester ultrasonographic markers, birth weight and gestational age at delivery	OP02.10
<u>M. Mongelli</u> (Australia)	
Rationalizing the management of pregnancies of unknown location (PULs) by reliably selecting failed PUL and intrauterine pregnancies for minimal follow up	OP02.11
<u>Y. Abdallah</u> (United Kingdom)	

OP03: Advanced ultrasound and MRI evaluation of the CNS

Constellation 1

Chairs: G. Malinge (Israel); M. Sanz-Cortes (Spain)

Normal morphometry of fetal posterior fossa: brainstem-tentorium angle and brainstem-vermis angle	OP03.01
<u>E. Contro</u> (Italy)	
Prospective evaluation of the usefulness of one-step combined examination of fetal CNS by specialized 2D/3D neurosonogram and fetal magnetic resonance in the group of fetuses referred for ventriculomegaly [^]	OP03.02
<u>V. Frisova</u> (Czech Republic)	
Frontomaxillary facial angle in first trimester spina bifida	OP03.03
<u>J. Acuna</u> (United States)	
Measurement of the brain stem diameter at the 11-14 week scan	OP03.04
<u>J. Vojtech</u> (Czech Republic)	
Prenatal detection of closed spina bifida	OP03.05
<u>K. Kagan</u> (Germany)	
Prenatal diagnosis of closed spinal dysraphism	OP03.06
<u>G. Malinge</u> (Israel)	
Magnetic resonance diffusion weighted imaging (DWI): reproducibility of apparent diffusion coefficient measurements for the normal fetal brain	OP03.07
<u>A. Boyer</u> (United States)	
Objective evaluation of fetal brain fissures development by three-dimensional ultrasonography	OP03.08
<u>L. Nardoza</u> (Brazil)	

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Short oral presentations – Monday 19 September 2011

Three-dimensional ultrasonographic depiction of fetal brain blood vessels	OP03.09
<i>L. Gindes (Israel)</i>	
Inter and intra-observer reproducibility in the standard evaluation of fetal central nervous system using 3D ultrasound	OP03.10
<i>D. Pedraza (Chile)</i>	
Evaluation of fetal brain malformations by three-dimensional ultrasonography and magnetic resonance imaging	OP03.11
<i>P. Nowak (Brazil)</i>	
OP04: Aneuploidy and fetal anomalies: second trimester	Westside
<i>Chairs: D. Nyberg (United States); T. Shipp (United States)</i>	
A study to determine the clinical utility of fetal right-subclavian-artery evaluation	OP04.01
<i>J. Santolaya-Forgas (United States)</i>	
Perinatal outcome of single umbilical artery diagnosed at second trimester	OP04.02
<i>A. Gerede (Greece)</i>	
Is the size of the fetal renal pelvis gender-dependent at 20-24 weeks?	OP04.03
<i>R. Abu-Rustum (Lebanon)</i>	
Absent or near absent nasal bone in the 2nd trimester	OP04.04
<i>D. Nyberg (United States)</i>	
The importance of isolated fetal stomach echogenic foci on second trimester scan	OP04.05
<i>S. Sotiriou (Greece)</i>	
Prenatal echographic diagnosis of single umbilical artery	OP04.06
<i>M. Onofriescu (Romania)</i>	
Correlation of fetal ultrasonographic (US) finding in de novo chromosomal aberrations: role of fetal ultrasonography (US)	OP04.07
<i>M. Kim (Republic of Korea)</i>	
The prognostic significance of a single umbilical artery (SUA) in fetuses with prenatally detected congenital diaphragmatic hernia (CDH)	OP04.08
<i>M. Norton (United States)</i>	
Single umbilical artery (SUA) in a high risk obstetrical population	OP04.09
<i>T. Newman (United States)</i>	
OP05: Predicting complications in twin pregnancy	Olympic 1
<i>Chairs: Y. Ville (France); R. Chmait (United States)</i>	
Does multi-fetal pregnancy reduction influence perinatal results in twin pregnancies?	OP05.01
<i>F. Yanik (Turkey)</i>	
Single umbilical artery: is it a risk factor in multiple pregnancies?	OP05.02
<i>F. Costa (Australia)</i>	
Perinatal complications of monochorionic diamniotic twin gestations with discordant crown-rump length	OP05.03
<i>S. Nakayama (Japan)</i>	
Intrauterine growth performance of dichorionic twin gestations arising following first trimester multi-fetal reduction of higher order multiple pregnancies	OP05.04
<i>R. Brown (Canada)</i>	
Placental characteristics of monochorionic diamniotic twin pregnancies in relation to early perinatal outcome	OP05.05
<i>S. Molina (Colombia)</i>	
Ultrasonographic screening for fetal chromosomal anomalies in multiple pregnancies	OP05.06
<i>F. Yanik (Turkey)</i>	
The outcome of twin reversed arterial perfusion sequence in monochorionic monoamniotic twin pregnancies	OP05.07
<i>T. Murakoshi (Japan)</i>	
Abnormal placental cord insertion in monochorionic-diamniotic twins: an ominous finding	OP05.08
<i>L. Simpson (United States)</i>	
Pregnancy outcomes after early complications in selective multifetal pregnancy reduction	OP05.09
<i>A. Gerede (Greece)</i>	
OP06: Prediction and diagnosis of placental disease	Olympic 2
<i>Chairs: E. Hernandez-Andrade (Mexico); L. Salomon (France)</i>	
Diagnosis of placental insufficiency with magnetic resonance imaging using the Diffusion Weighted Imaging (DWI) on a murine model of vascular fetal growth restriction	OP06.01
<i>G. Chalouhi (France)</i>	
2-dimensional placental measures in the second trimester can predict small for gestational age	OP06.02
<i>N. Schwartz (United States)</i>	
Intrauterine fetal growth in pregnancies complicated by a morbidly adherent placenta	OP06.03
<i>A. Adeyemo (United Kingdom)</i>	
Using orthogonal placental circumferences to estimate placental volume in the first and second trimesters	OP06.04
<i>N. Schwartz (United States)</i>	
Placental volume in malaria infected pregnancies	OP06.05
<i>M. Rijken (Thailand)</i>	
Prenatal surveillance of growth restricted fetus in late second trimester	OP06.06
<i>H. Muto (Japan)</i>	
Adiponectin in first trimester of pregnancies that later develop pre-eclampsia: relation to prognosis and adipokines	OP06.07
<i>M. Christiansen (Denmark)</i>	
Low levels of PAPP-A in first trimester of pregnancies conceived after ART and the risk of adverse obstetric outcome	OP06.08
<i>M. Christiansen (Denmark)</i>	

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Metabolomic cord blood profiling in intrauterine growth restricted fetuses <i>E. Cosmi (Italy)</i>	OP06.09
Absolute and relative quantification of placental specific microRNAs in maternal circulation with placental insufficiency related complications <i>I. Hromadnikova (Czech Republic)</i>	OP06.10
The placental morphology index as a sonographic indicator of early placental development <i>N. Schwartz (United States)</i>	OP06.11

OP07: Imaging the normal and abnormal heart

Constellation 2

<i>Chairs: R. Chaoui (Germany); J. Fouron (Canada)</i>	
First and second trimester assessment of aberrant right subclavian artery (ARSA) assessment in routine population <i>G. Rembouskos (Italy)</i>	OP07.01
Abstract withdrawn	OP07.02
Fetal left brachiocephalic vein: visualization, biometry and blood flow pattern between 11 and 40 weeks of gestation <i>E. Sinkovskaya (United States)</i>	OP07.03
Fetal azygous vein: visualization, biometry and blood flow pattern between 11 and 40 weeks of gestation <i>E. Sinkovskaya (United States)</i>	OP07.04
Morphological changes of the ductus arteriosus during fetal life: importance of differential diagnosis of restrictive ductus arteriosus <i>M. Zamith (Brazil)</i>	OP07.05
Ectopia cordis in prenatal life <i>M. Machado (Brazil)</i>	OP07.06
Ventricular volumetry, heart stroke volume, cardiac output and ejection fraction obtained by STIC: comparison between fetal sex <i>C. Simioni (Brazil)</i>	OP07.07
Incidence of cardiac defects in a private prenatal diagnosis unit <i>R. Cassis-Martinez (Ecuador)</i>	OP07.08
Clinical research of diagnosing univentricular heart classification by fetal echocardiography <i>J. Li (China)</i>	OP07.09
Clinical significance of echocardiography in diagnosing fetal cardiovascular malformation surgery and prognostic classification <i>J. Li (China)</i>	OP07.10

OP08: Abnormal uterine bleeding

Beverly Hills

<i>Chairs: A. Parsons (United States); E. Epstein (Sweden)</i>	
Image Study Webapp - a web interface for imaging-based interrater agreement studies <i>A. Installe (Belgium)</i>	OP08.01
The reproducibility of three methods to evaluate the volume of intracavitary structures/abnormalities using 3D Gel Instillation Sonohysterography (GIS) <i>B. Voskamp (Netherlands)</i>	OP08.02
The anteverted retroflexed uterus: a consequence of cesarean section <i>R. Sanders (United States)</i>	OP08.03
Showing pictograms in electronic data capture software improves interrater agreement <i>A. Installe (Belgium)</i>	OP08.04
Sonographic detection of association between intrauterine device position and bleeding pattern <i>E. Ancuta (Romania)</i>	OP08.05
Differentiation of abnormal uterine bleedings in perimenopausal women with elastography <i>M. Swiatkowska-Freund (Poland)</i>	OP08.06
The research of the influence of uterine artery embolisation on functional ovarian reserve <i>T. Makukhina (Russian Federation)</i>	OP08.07
Study on clinical effect of ultrasound-guided percutaneous microwave ablation for treatment of adenomyosis <i>J. Zhang (China)</i>	OP08.08

OP09: Pre-eclampsia and uterine artery Doppler

Constellation 1

<i>Chairs: C. Lees (United Kingdom); A. Odibo (United States)</i>	
First trimester uterine artery Doppler velocimetry and arterial tonometry <i>T. Stampalija (Italy)</i>	OP09.01
Placental volume and uterine artery Doppler correlation in first trimester of pregnancy <i>T. Stampalija (Italy)</i>	OP09.02
First and second trimester uterine artery Doppler study in high-risk women for pre-eclampsia <i>J. Puente (Spain)</i>	OP09.03
Maternal ophthalmic artery Doppler: novel parameter to predict early-onset pre-eclampsia in the first trimester of pregnancy <i>F. Costa (Australia)</i>	OP09.04
Uterine arteries resistances above the 95th centile in the second trimester scan: time to look back at the first-trimester PAPP-A value? <i>E. Gomez-Montes (Spain)</i>	OP09.05
First trimester uterine artery Doppler and placental 3D power Doppler vascular flow in the prediction of pre-eclampsia <i>A. Odibo (United States)</i>	OP09.06
The role of uterine artery Doppler velocimetry in prediction of adverse pregnancy outcomes in women with elevated serum alpha-fetoprotein <i>A. Jamal (Islamic Republic of Iran)</i>	OP09.07
Relationship between uterine artery Doppler PI and P-selectin expression in women at risk of pre-eclampsia <i>T. Everett (United Kingdom)</i>	OP09.08
Risk of placental abruption in patients with abnormal uterine artery Doppler in the second trimester of pregnancy <i>S. Gabrielli (Italy)</i>	OP09.09

Short oral presentations – Monday 19 September 2011

Hemodynamic effects of sildenafil administration in an animal model of pre-eclampsia <i>B. Pellicer (Spain)</i>	OP09.10
Third trimester abnormal uterine artery Doppler is associated with adverse pregnancy outcome <i>R. HersHKovitz (Israel)</i>	OP09.11
OP10: Preterm labour and Caesarean section	Westside
<i>Chairs: P. Calda (Czech Republic); H. Feltovich (United States)</i>	
Maintenance of normal amniotic fluid volume: a predictor of better outcome in preterm premature rupture of membranes <i>J. Park (Republic of Korea)</i>	OP10.01
Quantitative ultrasound for detection of collagen fiber alignment in the layered microstructure of the human cervix <i>H. Feltovich (United States)</i>	OP10.02
Three dimensional transvaginal ultrasound scan: is cervical length longer? <i>L. Alabi-isama (United Kingdom)</i>	OP10.03
Management of women with incidentally discovered short cervix and amniotic fluid sludge at routine mid-trimester ultrasound <i>S. Klam (Canada)</i>	OP10.04
Cerclage height is associated with risk of preterm delivery in patients with ultrasound-indicated but not prophylactic cerclage <i>J. Gebb (United States)</i>	OP10.05
Predictive score for early preterm birth in decisions about emergency cervical cerclage <i>F. Fuchs (France)</i>	OP10.06
The effect of mydriatics on gastric emptying in preterm infants using three-dimensional ultrasound volumetry <i>S. Bózsá (Hungary)</i>	OP10.07
The relationship between previous elective or emergency caesarean section and time-to-next-pregnancy interval on caesarean scar size and residual myometrial thickness in subsequent pregnancy <i>A. Smith (United Kingdom)</i>	OP10.08
Normal reference values of postpartum intra abdominal pressure <i>M. Senat (France)</i>	OP10.09
The cesarean section scar examined 6 weeks after operation <i>P. Calda (Czech Republic)</i>	OP10.10
OP11: First trimester screening: quality assurance	Olympic 1
<i>Chairs: K. Leung (Hong Kong); J. Hyett (Australia)</i>	
Assessment of fetal 3D volumes at 11-13+6 weeks <i>A. Comanescu (Romania)</i>	OP11.01
Standard measurement in first trimester sonographic scan between 11 and 13 6/7 gestational weeks. CRL or BPD <i>J. Ramos Maeso (Spain)</i>	OP11.02
Intra- and inter-observer variability of crown-rump length and other fetal biometry at the nuchal translucency scan <i>R. Gutkin (United States)</i>	OP11.03
Continuing education on NT: an exercise on caliper placement for NT measurement <i>S. Oo (Singapore)</i>	OP11.04
Does fetal image size affect the measurement of nuchal translucency thickness using Volume NTTM ? <i>H. Cho (Republic of Korea)</i>	OP11.05
Effect of image settings on the measurement of nuchal translucency thickness by semi-automated system <i>T. Lau (Hong Kong)</i>	OP11.06
Practical biometry ratios of first trimester screening <i>R. Bayik (Turkey)</i>	OP11.07
Nuchal translucency qualitative quality control in France. The CFEF (College Français d'Échographie Fœtale) five years experience <i>G. Chalouhi (France)</i>	OP11.08
OP12: Fetal surveillance and third trimester imaging	Olympic 2
<i>Chairs: S. Eik-Nes (Norway); L. Salomon (France)</i>	
Isolated single umbilical artery is not associated with increased frequency of growth delay or non-reassuring fetal status <i>A. Baschat (United States)</i>	OP12.01
Fetal weight estimation in extreme macrosomia ($\geq 4,500\text{g}$): comparison of 10 different formulas <i>F. Faschingbauer (Germany)</i>	OP12.02
The influence of calliper placement on the accuracy of fetal weight estimation in prolonged pregnancies <i>F. D'Antonio (Italy)</i>	OP12.03
Investigation of changes of the amniotic fluid volume in polyhydramnios <i>M. Goto (Japan)</i>	OP12.04
The effectiveness of MRI in the prenatal diagnosis of placenta accreta <i>S. Laifer-Narin (United States)</i>	OP12.05
Diagnosis of placenta accreta - comparing ultrasound and MRI techniques <i>R. Gerychova (Czech Republic)</i>	OP12.06
Prior cesarean delivery and other predictors of placenta previa resolution <i>K. Fuchs (United States)</i>	OP12.07
The importance of surveillance of fetuses with gastroschisis <i>A. Brantberg (Norway)</i>	OP12.08
Follow-up and perinatal outcome of fetuses with gastroschisis complicated by secondary bladder herniation <i>G. Chalouhi (France)</i>	OP12.09
Sonographic shape of the portal vein-portal sinus anastomosis and birth weight <i>J. Santolaya-Forgas (United States)</i>	OP12.10

Tuesday 20 September - Program

MTP \$35	07:15 - 07:55 Meet the Professor' sessions <i>(these are not part of the main program and must be booked – see program for details)</i>		
Plenary	08:00 - 08:40 State of the art lecture <i>LA Room</i>		
OC	08:40 - 09:55 New imaging technologies <i>LA Room</i> Pelvic pain <i>Santa Monica</i> Management of fetal growth disorders <i>Beverly Hills</i>		
	OP	10:00 - 10:45 Gynecology case reports <i>Santa Monica</i> Outcome and postnatal prognosis of CNS defects <i>Constellation 1</i> New approaches to fetal cardiac imaging <i>Constellation 2</i> Maternal fetal Doppler <i>Westside</i> Fetal therapy <i>Olympic 1</i> Aneuploidy and fetal anomalies: first trimester I <i>Olympic 2</i>	
		OC	11:00 - 12:15 Fetal echocardiography in 2D and 3D/4D <i>LA Room</i> Reproductive medicine <i>Santa Monica</i> Fetal therapy <i>Beverly Hills</i>
OP			12:20 - 13:05 Reproductive medicine <i>Santa Monica</i> Outcomes in fetal growth restriction <i>Constellation</i> Developments in the first trimester scan <i>Westside</i> Labour at term <i>Olympic 1</i> New imaging technologies <i>Olympic 2</i>
			Sponsor
		OC	14:15 - 15:30 Fetal neurosonography and CNS anomalies <i>LA Room</i> Abnormal uterine bleeding <i>Santa Monica</i> Outcomes in fetal growth restriction <i>Beverly Hills</i>
	Workshops		16:00 - 17:20 Tips and tricks in ultrasound <i>LA Room</i> Evaluating ovarian function and infertility <i>Santa Monica</i> Fetal therapy workshop <i>Beverly Hills</i> Advanced methods in prenatal diagnosis <i>Constellation</i> Outreach workshop: training the trainers <i>Westside</i>
			\$100

Program – Tuesday 20 September 2011

07:15 - 07:55 'Meet the professor' sessions

Entry to these sessions is NOT included in the Congress registration fee.

Tickets cost \$35 to include breakfast and can be booked at the registration desk if places are available.

You will receive a ticket as proof of your registration, which you will need for entry to the session.

Current role and prospects for intrapartum sonography <i>G. Pili (Italy)</i>	Westside
Early fetal echocardiography <i>J. Carvalho (United Kingdom)</i>	Olympic 1
Analytic approaches to volume data: how is 3D/4D helpful? <i>W. Lee (United States)</i>	Olympic 2
Prenatal management of congenital diaphragmatic hernia <i>J. Deprest (Belgium)</i>	Constellation 1
Levator trauma <i>H. Dietz (Australia)</i>	Constellation 2
Pelvic pain <i>B. Benacerraf (United States)</i>	Sherman Oaks

08:00 - 08:40 State of the art lecture LA Room

08:00	Chair: <i>L. Platt (United States)</i> The use of microarrays in pregnancies with abnormal ultrasound findings <i>L. Shaffer (United States)</i>
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08:40 - 09:55 New imaging technologies LA Room

08:40	Chairs: <i>P. Jeanty (United States); L. Salomon (France)</i> Overview <i>P. Jeanty (United States)</i>	
08:45	Live scan: Future of volume imaging [supported by Phillips*] <i>W. Lee (United States)</i>	
09:00	Early pregnancy changes in maternal haemodynamics using pulse wave analysis <i>A. Mahendru; T. Everett; G. Hackett; C. McEniery; I. Wilkinson; C. Lees (United Kingdom)</i>	OC10.01
09:05	Discussion	
09:08	Prenatal diagnosis of placenta accreta: a role for dynamic contrast-enhanced MRI? <i>A. Millischer-Bellaiche; B. Deloison; S. Silveira; G. Chalouhi; V. Tsatsaris; P. Sonigo; F. Goffinet; C. Adamsbaum; F. Brunelle; Y. Ville; L. Salomon (France)</i>	OC10.02
09:13	Discussion	
09:16	MRI assessment of regional fractional moving blood volume within the placenta <i>R. Deshpande; D. Anblagan; N. Jones; N. Raine-Fenning; G. Bugg; P. Mansell; P. Gowland; L. Leach (United Kingdom)</i>	OC10.03
09:21	Discussion	
09:24	Analysis of fetal ear rotation by three-dimensional rendering mode using a novel method: the ear angle - preliminary results <i>A. Hatanaka; L. Rolo; E. Araujo Junior; P. Nowak; R. Mattar; L. Nardoza; A. Moron (Brazil)</i>	OC10.04
09:29	Discussion	
09:32	Early pregnancy changes in maternal arterial stiffness <i>A. Mahendru; T. Everett; C. McEniery; I. Wilkinson; C. Lees (United Kingdom)</i>	OC10.05
09:37	Discussion	
09:40	Additive manufacturing technologies applied in fetal medicine researches <i>H. Werner¹; J. dos Santos¹; R. Fontes¹; S. Belmonte¹; P. Daltro¹; E. Gasparetto¹; E. Marchiori¹; S. Campbell². ¹(Brazil); ²(United Kingdom)</i>	OC10.06
09:45	Discussion	
09:48	Summary and close <i>P. Jeanty (United States)</i>	

08:40 - 09:55 Pelvic pain Santa Monica

08:40	Chairs: <i>L. Valentin (Sweden); R. Marrs (United States)</i> Overview <i>L. Valentin (Sweden)</i>
08:45	The ultrasound features of typical and atypical endometriosis [supported by: Samsung Medison*] <i>C. Van Holsbeke (Belgium)</i> Incorporating: Live scan: demonstrating deep endometriosis [supported by: Samsung Medison*] <i>G. Condous (Australia)</i>

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Program – Tuesday 20 September 2011

09:10	Prevalence of deep endometriosis in patients of a second level ultrasound laboratory and tissue US characterization of nodules using VOCAL <i>S. Guerriero¹; V. Zanda¹; S. Ajossa¹; C. Peddes¹; B. Soggiu¹; S. Piras¹; F. Sedda¹; M. Verniciano¹; M. Pilloni¹; B. Piras¹; E. Solvetti¹; V. Mais¹; G. Melis¹; J. Alcazar²; A. Paoletti¹. ¹(Italy); ²(Spain)</i>	OC11.01
09:15	Discussion	
09:18	Determining the best diagnostic approach for deep infiltrating endometriosis <i>C. Saccardi; P. Litta; A. Borghero; F. Viganò; M. Borella; E. Cosmi (Italy)</i>	OC11.02
09:23	Discussion	
09:26	Can we predict pouch of douglas (POD) obliteration using a new real-time ultrasound technique: the "sliding sign" <i>S. Reid; S. Winder; G. Reid; G. Condous (Australia)</i>	OC11.03
	Office sonovaginography: redefining the concept of a normal pelvis on transvaginal ultrasound in women with suspected endometriosis <i>S. Reid; S. Winder; G. Reid; G. Condous (Australia)</i>	OC11.04
09:36	Discussion	
09:39	Accuracy of transvaginal sonography and contrast-enhanced MR-colonography for the pre-surgical assessment of deep pelvic endometriosis <i>M. Achilarré; A. Vimercati; S. Bettocchi; A. Scardapane; D. Scardigno; M. Abruzzese; L. Selvaggi (Italy)</i>	OC11.05
09:44	Discussion	

08:40 - 09:55 Management of fetal growth disorders

Beverly Hills

	<i>Chairs: K. Maršál (Sweden); D. Maulik (United States)</i>	
08:40	Overview <i>K. Maršál (Sweden)</i>	
08:45	Physiology of IUGR <i>A. Baschat (United States)</i>	
09:05	Assessment of feto-placental unit oxygenation in an IUGR rat model using BOLD effect in MRI 4.7T <i>G. Chalouhi; B. Deloison; M. Alison; O. Clément; Y. Ville; S. Nathalie; L. Salomon (France)</i>	OC12.01
09:10	Discussion	
09:13	Fetal aortic pulse pressure, distensibility and compliance assessment during the second half of pregnancy <i>P. Struijk¹; H. Michels¹; V. Mathews²; P. Stewart¹; E. Clark²; C. de Korte¹; F. Lotgering¹. ¹(Netherlands); ²(United States)</i>	OC12.02
09:18	Discussion	
09:21	Aortic isthmus reversed blood flow increases the risk of emergency cesarean delivery for nonreassuring fetal status in late-onset intrauterine growth restricted fetuses with normal umbilical artery Doppler <i>R. Cruz-Martinez; F. Figueras; S. Savchev; E. Gratacós (Spain)</i>	OC12.03
09:26	Discussion	
09:29	Increased umbilical artery pulsation in fetal growth restriction increases the risk of ST-depression of the fetal electrocardiogram during labor <i>J. Kessler; T. Kiserud; S. Albrechtsen (Norway)</i>	OC12.04
09:34	Discussion	
09:37	Umbilical artery Doppler indices and ultrasonographic placental biometry in relation to pregnancy outcome in a paradigm of fetal growth restriction <i>D. Carr; R. Aitken; J. Milne; A. David; J. Wallace (United Kingdom)</i>	OC12.05
09:42	Discussion	
09:45	Summary and close <i>K. Maršál (Sweden)</i>	

10:00 - 10:45 Short oral presentation (OP) sessions

OP13: Gynecology case reports	Santa Monica
<i>Chairs: B. Benacerraf (United States); C. Benson (United States)</i>	
OP14: Outcome and postnatal prognosis of CNS defects	Constellation 1
<i>Chairs: G. Malinge (Israel); S. Rotmensch (United States)</i>	
OP15: New approaches to fetal cardiac imaging	Constellation 2
<i>Chairs: B. Tutschek (Switzerland); H. Muñoz (Chile)</i>	
OP16: Maternal fetal Doppler	Westside
<i>Chairs: G. Mari (United States); A. Papageorghiu (United Kingdom)</i>	
OP17: Fetal therapy	Olympic 1
<i>Chairs: W. Sepulveda (Chile); K. Hecher (Germany)</i>	
OP18: Aneuploidy and fetal anomalies: first trimester I	Olympic 2
<i>Chairs: K. Kagan (Germany); O. Petersen (Denmark)</i>	

10:30 - 11:00 Coffee and e-poster viewing

California Showroom

11:00 - 12:15 Fetal echocardiography in 2D and 3D/4D

LA Room

	<i>Chairs: R. Chaoui (Germany); B. Tutschek (Switzerland)</i>
11:00	Overview <i>B. Tutschek (Switzerland)</i>
11:05	Live scan: 3D/4D of the fetal heart [supported by: GE*] <i>R. Chaoui (Germany)</i>

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11:25	First trimester study of fetal heart with 3D/4D echocardiography: is the step forward here yet? <i>S. Tudorache; D. Iliescu; A. Comanescu (Romania)</i>	OC13.01
11:30	Discussion	
11:33	Ventricular septal defects are commonly seen during early fetal echocardiography <i>D. Wood; S. Nicholas; V. Seravalli; E. El Gamal; S. Weiner; S. Shah (United States)</i>	OC13.02
11:38	Discussion	
11:41	Evaluation of automated multiplanar 4D sonography in prenatal diagnosis of congenital heart anomalies: analysis of 100 cases <i>E. Sinkovskaya; S. Horton; A. Abuhamad (United States)</i>	OC13.03
11:46	Discussion	
11:49	[^] The role of 4D ultrasound (STIC + sonoAVC) in the prenatal assessment of atrial appendages' morphology in cardiopulmonary syndromes <i>D. Paladini; G. Pastore; A. Masucci; G. Sglavo (Italy)</i>	OC13.04
11:54	Discussion	
11:57	The fetal tracheal stenosis of vascular ring, the new methods of evaluation <i>M. Kawataki (Japan)</i>	OC13.05
12:02	Discussion	
12:05	Summary and close <i>R. Chaoui (Germany)</i>	

11:00 - 12:15 Reproductive medicine

Santa Monica

	<i>Chairs: N. Raine-Fenning (United Kingdom); S. Campbell (United Kingdom)</i>	
11:00	Overview <i>S. Campbell (United Kingdom)</i>	
11:05	Using a model based on serum biochemistry at 4 and 5 weeks gestation to predict immediate viability and viability at 12 weeks in IVF pregnancies <i>A. Pexsters¹; K. Van Hoorde¹; B. Van Calster¹; S. Van Huffel¹; E. Kirk²; Y. Abdallah²; C. Bottomley²; S. Schildermans¹; T. D'Hooghe¹; T. Bourne²; D. Timmerman¹. ¹(Belgium); ²(United Kingdom)</i>	OC14.01
11:17	Discussion	
11:20	^{vi} Anatomic factors in recurrent miscarriage - US and HSG in evaluation of the uterine cavity in 352 women <i>S. Sethi; M. Aziz; E. Horner; S. Quinn; R. Margara; M. Crofton; L. Regan (United Kingdom)</i>	OC14.02
11:25	Discussion	
11:28	Prospective evaluation of polycystic ovaries by ultrasound predicts polycystic ovarian syndrome (PCOS) <i>E. Moschos; D. Twickler (United States)</i>	OC14.03
11:33	Discussion	
11:36	The reproductive outcomes of women with congenital uterine anomalies: a systematic review <i>Y. Chan; K. Jayaprakasan; A. Tan; J. Thornton; A. Coomarasamy; N. Raine-Fenning (United Kingdom)</i>	OC14.04
11:41	Discussion	
11:44	Hysterosalpingo-Foam Sonography (HyFoSy); first experiences with Hysterosalpingo-Contrast Sonography (HyCoSy) with Foam <i>M. Emanuel; N. Exalto (Netherlands)</i>	OC14.05
11:49	Discussion	
11:52	The role of antral follicle counts (AFC) via TVUSG in determining fertility preservation outcomes in cancer patients undergoing ovarian stimulation <i>E. Arslan²; M. Karsy¹; F. Moy¹; K. Oktay¹. ¹(United States); ²(Turkey)</i>	OC14.06
11:57	Discussion	
12:00	[^] Comparison of AFC & AMH for assessment of ovarian reserve <i>S. Panchal; C. Nagori (India)</i>	OC14.07
12:05	Discussion	

11:00 - 12:15 Fetal therapy

Beverly Hills

	<i>Chairs: Y. Ville (France); A. Johnson (United States)</i>	
11:00	The scope of fetal therapy <i>Y. Ville (France)</i>	
11:20	Neonatal morbidity in fetuses with severe isolated CDH in the FETO era <i>E. Done¹; P. Lewi¹; M. Rayyan¹; K. Nicolaidis²; A. Greenough²; J. Moreno³; E. Gratacós³; J. Jan²; O. Moreno³; J. Deprest¹. ¹(Belgium); ²(United Kingdom); ³(Spain)</i>	OC15.01
11:25	Discussion	
11:28	Radiofrequency ablation (RFA) vs. bipolar cord coagulation (BCC) in the management of complex monochorionic pregnancies: a 14 year single center experience <i>M. Bebbington; E. Danzer; J. Moldenhauer; N. Khalek; M. Johnson (United States)</i>	OC15.02
11:33	Discussion	
11:36	Changes in cardiac tissue Doppler imaging in fetuses with congenital diaphragmatic hernia and association with the risk of severe neonatal pulmonary hypertension <i>R. Cruz-Martinez; F. Crispi; J. Martinez; M. Castañon; J. Bartrons; E. Gratacós (Spain)</i>	OC15.03
11:41	Discussion	
11:44	Predictors of early neonatal morbidity in fetuses with severe isolated congenital diaphragmatic hernia (CDH) undergoing fetal endoluminal tracheal occlusion (FETO) <i>E. Done¹; P. Lewi¹; C. Vanhole¹; E. Gratacós³; K. Nicolaidis²; A. Greenough²; M. Castanon³; J. Jan²; O. Moreno³; J. Deprest¹. ¹(Belgium); ²(United Kingdom); ³(Spain)</i>	OC15.04

[^] This abstract has been shortlisted as a finalist for the Alfred Kratochwil 3D abstract award. The winner will be announced at the closing ceremony.

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11:49	Discussion	
11:52	Fetal intrapulmonary Doppler predicts severe neonatal pulmonary hypertension in fetuses with congenital diaphragmatic hernia treated with fetal endoscopic tracheal occlusion <i>R. Cruz-Martinez; O. Moreno-Alvarez; M. Castañon; J. Martinez; E. Hernandez-Andrade; E. Gratacós (Spain)</i>	OC15.05
11:57	Discussion	
12:00	^ Probability of neonatal outcomes in isolated congenital diaphragmatic hernia by evaluating fetal pulmonary vasculature <i>R. Ruano; E. Takashi; M. Silva; U. Tannuri; M. Zugaib (Brazil)</i>	OC15.06
12:05	Discussion	
12:08	Summary and close <i>Y. Ville (France)</i>	

12:20 - 13:05 Short oral presentation (OP) sessions

OP19: Reproductive medicine	Santa Monica
<i>Chairs: G. Condous (Australia); E. Epstein (Sweden)</i>	
OP20: Outcomes in fetal growth restriction	Constellation
<i>Chairs: K. Maršál (Sweden); T. Kiserud (Norway)</i>	
OP21: Developments in the first trimester scan	Westside
<i>Chairs: F. Audibert (Canada); H. Blaas (Norway)</i>	
OP22: Labour at term	Olympic 1
<i>Chairs: J. Hobbins (United States); K. Kalache (Germany)</i>	
OP23: New imaging technologies	Olympic 2
<i>Chairs: E. Hernandez-Andrade (Mexico); K. Baba (Japan)</i>	

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

13:10 - 14:10 Siemens satellite symposium** **LA Room**

14:15 - 15:30 Fetal neurosonography and CNS anomalies **LA Room**

	<i>Chairs: G. Pilu (Italy); J. Hobbins (United States)</i>	
14:15	Overview <i>G. Pilu (Italy)</i>	
14:20	Live scan [supported by: Samsung Medison*] <i>K. Kalache (Germany)</i>	
14:40	Mid-term neurological outcome in mild isolated ventriculomegaly diagnosed in fetal life <i>P. Gómez-Arriaga; J. Puente; J. Arbués; N. Nuñez; D. Escribano; A. Galindo Izquierdo (Spain)</i>	OC16.01
14:45	Discussion	
14:48	Brainstem-tentorium angle and brainstem-vermis angle in fetal posterior fossa abnormalities <i>E. Contro; T. Ghi; F. De Musso; N. Rizzo; G. Pilu; P. Volpe (Italy)</i>	OC16.02
14:53	Discussion	
14:56	Midbrain curvature for the detection of spina bifida in the first trimester of pregnancy <i>G. Lau; J. Acuna; I. Solt; C. Morales; S. Beauchamp; J. Mirocha; S. Rotmensch (United States)</i>	OC16.03
15:01	Discussion	
15:04	The "3-line sign": A useful observation in the detection of fetal agenesis of the corpus callosum (ACC) <i>M. Norton; J. Sung; A. Ness; C. Lindan (United States)</i>	OC16.04
15:09	Discussion	
15:12	Imaging and clinical findings in a cohort of fetuses with commissural pathologies <i>R. Moyal; T. Lerman-Sagie; D. Lev; G. Malinger (Israel)</i>	OC16.05
15:17	Discussion	
15:20	Summary and close <i>G. Pilu (Italy)</i>	

14:15 - 15:30 Abnormal uterine bleeding **Santa Monica**

	<i>Chairs: A. DeCherney (United States); A. Parsons (United States)</i>	
14:15	Overview <i>A. DeCherney (United States)</i>	
14:20	The association of patients' characteristics and bleeding pattern with uterine intracavitary pathology <i>J. Veldman¹; T. Van den Bosch¹; E. Werbruck¹; D. Van Schoubroeck¹; J. Deprest¹; T. Bourne²; D. Timmerman¹ (Belgium); ²(United Kingdom)</i>	OC17.01
14:32	Discussion	
14:35	Diagnosing and treating fibroids <i>T. Van den Bosch (Belgium)</i>	
14:50	New ultrasound based mathematical models for the preoperative prediction of high risk endometrial cancer <i>C. Van Holsbeke¹; L. Ameye¹; A. Testa²; F. Mascilini²; A. Masbäck³; D. Fischerova⁴; S. Fransis¹; E. de Jonge¹; D. Timmerman¹; E. Epstein³. ¹(Belgium); ²(Italy); ³(Sweden); ⁴(Czech Republic)</i>	OC17.02
14:55	Discussion	
14:58	Rate of non benign endometrial pathology among a series of 1345 patients with sonographic diagnosis of endometrial polyp <i>M. Tessarolo; L. Bonino; S. Aidala; M. Camanni; F. Deltetto (Italy)</i>	OC17.03
15:03	Discussion	

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15:06	Leiomyoma assessment by intra-abdominal ultrasound versus by preoperative ultrasound and preoperative magnetic resonance imaging <i>B. Lee; S. Palmer (United States)</i>	OC17.04
15:11	Discussion	
15:14	Prevalence of endometrial polyp in asymptomatic women <i>M. Pascual; L. Hereter; B. Graupera; C. Pedrero; R. Julve; M. Fernández-Cid; I. Rodríguez (Spain)</i>	OC17.05
15:19	Discussion	
15:22	Clinical Data Miner - a web-based electronic data capture framework for multi-centric studies with imaging modalities <i>A. Installe¹; T. Van den Bosch¹; D. Van Schoubroeck¹; J. Heymans¹; L. Zannoni²; L. Jokubkiene²; P. Sladkevicius²; L. Valentin²; B. De Moor¹; D. Timmerman¹. ¹(Belgium); ²(Sweden); ³(Italy)</i>	OC17.06
15:27	Discussion	

14:15 - 15:30 Outcomes in fetal growth restriction Beverly Hills

	<i>Chair: K. Maršál (Sweden); K. Calkins (United States)</i>	
14:15	Overview <i>K. Maršál (Sweden)</i>	
14:20	Fetal origins of adult disease - growth restriction and metabolic syndrome. <i>K. Calkins (United States)</i>	
14:35	Intrauterine growth restriction, aortic wall thickening, and glomerular proteinuria during infancy <i>M. Bertin; V. Zanardo; S. Visentin; T. Fanelli; O. Anis; M. Zaninotto; D. Trevisanuto; E. Cosmi (Italy)</i>	OC18.01
14:40	Discussion	
14:43	Hypertensive disorders in infants born with intrauterine growth restriction <i>S. Visentin; V. Zanardo; M. Bertin; O. Anis; F. Grumolato; E. Cosmi (Italy)</i>	OC18.02
14:48	Discussion	
14:51	Evaluation of brain microstructure assessed by computer-based fetal MRI analysis to detect progressive changes associated with brain sparing in small for gestational age (SGA) fetuses <i>M. Sanz-Cortes; F. Figueras; N. Padilla; N. Bargallo; J. Luque; I. Amat-Roldán; E. Gratacós (Spain)</i>	OC18.03
14:56	Discussion	
14:59	Evaluation of a computer-based analysis of brain textures on fetal MRI to detect changes in small for gestational age (SGA) fetuses and to predict neurodevelopmental outcome <i>M. Sanz-Cortes; F. Figueras; N. Padilla; N. Bargallo; J. Luque; E. Bonet; I. Amat-Roldán; E. Gratacós (Spain)</i>	OC18.04
15:04	Discussion	
15:07	^{vi} Neurodevelopmental outcome at 24-months of full-term small-for-gestational age infants with normal placental function <i>S. Savchev; F. Figueras; R. Cruz-Martinez; F. Botet; A. Arranz; E. Gratacós (Spain)</i>	OC18.05
15:12	Discussion	
15:15	Relationships between antepartum surveillance parameters in both fetal growth restriction and very low birth weight and 3 years infant neurodevelopment <i>M. Matsushita; T. Murakoshi; H. Naruse; Y. Torii (Japan)</i>	OC18.06
15:20	Discussion	
15:23	Summary and close <i>K. Maršál (Sweden)</i>	

15:30 - 16:00 Coffee and e-poster viewing California Showroom

16:00 - 17:20 Tips and tricks in ultrasound LA Room

	<i>Chairs: B. Benacerraf (United States); J. Spitz (United States)</i>	
16:00	Live scan: The acoustically challenged patient: how can we optimize the scan? [supported by: Philips*] <i>B. Benacerraf (United States)</i>	
16:20	How to organise your database of cases <i>C. Benson (United States)</i>	
16:40	The use of sonographers and the advanced practice sonographer <i>B. Benacerraf (United States)</i>	
17:00	How to work with your physician <i>J. Spitz (United States)</i>	

16:00 - 17:20 Evaluating ovarian function and infertility Santa Monica

	<i>Chairs: S. Campbell (United Kingdom); K. Barnhart (United States)</i>	
16:00	Characterising congenital uterine abnormalities and importance of fibroids and polyps to infertility <i>S. Campbell (United Kingdom)</i>	
16:20	Androgens and PCO <i>K. Barnhart (United States)</i>	
16:40	PCO and ovarian reserve <i>N. Raine-Fenning (United Kingdom)</i>	
16:50	Live scan: Using ultrasound to evaluate ovarian function [supported by GE*] <i>N. Raine-Fenning (United Kingdom)</i>	

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Program – Tuesday 20 September 2011

16:00 - 17:20 Fetal therapy workshop Beverly Hills

- 16:00 Chairs: *E. Gratacós (Spain); R. Chmait (United States)*
Natural history of Myelomeningocele
G. McComb (United States)
- 16:15 Prenatal repair of myelomeningocele - the MOMS trial
M. Bebbington (United States)
- 16:30 Prenatal open repair of myelomeningocele - is this the standard of care now Jan, Gordon McComb, Eduard, Tony, Michael
G. McComb (United States)
- 16:50 Fetoscopic tracheal occlusion for congenital diaphragmatic hernia
J. Deprest (Belgium)
- 17:05 Panel discussion
All speakers

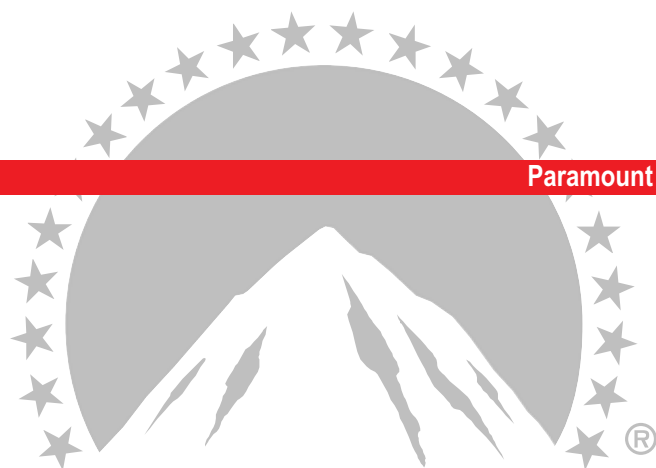
16:00 - 17:20 Advanced methods in prenatal diagnosis Constellation

- 16:00 Chair: *L. Platt (United States)*
Introduction
L. Platt (United States)
- 16:05 How prenatal diagnosis can answer the molecular basis of disease
D. Krakow (United States)
- 16:25 The good, the bad, the ugly: lessons learnt from the NIH microarray
R. Wapner (United States)
- 16:45 Molecular cytogenetic approaches for identifying chromosomal abnormalities in prenatal testing
L. Shaffer (United States)
- 17:05 Clinical use of whole exome/genome analysis
S. Nelson (United States)

16:00 - 17:20 Outreach workshop: training the trainers Westside

- 16:00 Introduction to the ISUOG Outreach structure and goals
S. Johnson (United Kingdom)
- 16:05 ISUOG Outreach organisation
M. Kamio Badiella (United Kingdom)
- 16:10 ISUOG Outreach - the NGO perspective: Médecins Sans Frontières
S. Spijker (Netherlands)
- 16:20 Course content and training stages
A. Abuhamad; P. Jeanty; T. Johnson (United States)
- 16:40 "How to / Six steps approach"
A. Abuhamad (United States)
- 16:50 Tracking success and testing evaluation methods
D. Paladini (Italy)
- 17:00 Lessons learnt in Outreach to date, how can ISUOG improve?
A. Tabor (Denmark)
- 17:10 Workshop feedback
A. Abuhamad (United States)
- 17:20 Closing comments
A. Abuhamad (United States)

19:30 - 23:59 Congress party Paramount Studios



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OP13: Gynecology case reports

Santa Monica

<i>Chairs: B. Benacerraf (United States); C. Benson (United States)</i>	
Treatment of heterotopic cervical pregnancies	OP13.01
<i>F. Faschingbauer (Germany)</i>	
A pelvic mass of curious origin in a patient with prior hysterectomy and bilateral salpingo-oophorectomy	OP13.02
<i>L. Haakova (Czech Republic)</i>	
A diagnosis with a concealing outfit	OP13.03
<i>S. Muhammad (United Kingdom)</i>	
McCune Albright Syndrome: a diagnosis to be kept in mind	OP13.04
<i>M. Bernardo (Portugal)</i>	
Case report of lithiazis in the periurethral gland of a woman	OP13.05
<i>R. Bayik (Turkey)</i>	
Local extravesical glandular cystitis mimicking pelvic neoplasm using transvaginal sonography: a case report and diagnostic characteristics	OP13.06
<i>Y. Huang (China)</i>	
Placenta percreta with bladder invasion	OP13.07
<i>A. Rossi (Italy)</i>	

OP14: Outcome and postnatal prognosis of CNS defects

Constellation 1

<i>Chairs: G. Malingier (Israel); S. Rotmensch (United States)</i>	
Apparently isolated prenatal interhemispheric cystic lesions: rate of associated anomalies after advanced neurosonography	OP14.01
<i>M. Sanz-Cortes (Spain)</i>	
Neurodevelopmental outcome of posterior fossa anomalies with uncertain prognosis	OP14.02
<i>M. Sanz-Cortes (Spain)</i>	
The International Fetal Neurology Network (IFN): a 3-year summary of an online academic videoconferencing collaboration	OP14.03
<i>S. Rotmensch (United States)</i>	
Fused fornices: CNS findings and outcome in 30 fetal cases	OP14.04
<i>A. Kennedy (United States)</i>	
Prenatal diagnosis and postnatal outcome of fetal posterior fossa abnormalities: a prospective multicenter study	OP14.05
<i>E. Contro (Italy)</i>	
Prenatal diagnostic & outcome of isolated fetal posterior cranial fossa cystic abnormalities	OP14.06
<i>K. Yusupov (Russian Federation)</i>	
Potential prognostic parameters of the Chiari II malformation	OP14.07
<i>S. Steinwendner (Austria)</i>	
The hidden mortality of vein of galen aneurysmal malformation	OP14.08
<i>G. Chalouhi (France)</i>	
Congenital CMV infection - a new approach to prenatal follow up	OP14.09
<i>S. Yagef (Israel)</i>	
Congenital CMV infection: prenatal predictors and outcome	OP14.10
<i>S. Yagef (Israel)</i>	

OP15: New approaches to fetal cardiac imaging

Constellation 2

<i>Chairs: B. Tutschek (Switzerland); H. Muñoz (Chile)</i>	
Inter-observer agreement in detailed prenatal diagnosis of congenital heart disease by telemedicine using four-dimensional ultrasound	OP15.01
<i>B. Adriaanse (Netherlands)</i>	
Applied research of spatio-temporal image correlation in congenital cardiovascular malformations	OP15.02
<i>X. Lin (China)</i>	
Volume and mass calculation of small hearts using matrix transducer data: in vitro validation	OP15.03
<i>B. Tutschek (Switzerland)</i>	
Data from a new matrix transducer to assess normal fetal hearts quantitatively	OP15.04
<i>S. Mohr (Switzerland)</i>	
A novel way to visualize the ductal arch and aortic arch by real-time three-dimensional ultrasound with live xPlane imaging	OP15.05
<i>Y. Xiong (China)</i>	
Differential insertion of the atrioventricular valves measured by four-dimensional ultrasound using spatio-temporal image correlation	OP15.06
<i>B. Adriaanse (Netherlands)</i>	
The role of enhance flow imaging in visualizing and locating in fetal pulmonary veins	OP15.07
<i>Y. He (China)</i>	
Feasibility and accuracy of enhance flow in the diagnosis of fetal heart malformation	OP15.08
<i>Y. He (China)</i>	
Comparison of real-time three-dimensional echocardiography and spatio-temporal image correlation in assessment of fetal interventricular septum	OP15.09
<i>Y. Xiong (China)</i>	
A new indirect sign of minor atrioventricular septal defects (AVSD): aiastolic disappearance of atrioventricular valves (AVV)	OP15.10
<i>J. Develay-Morice (France)</i>	

OP16: Maternal fetal Doppler

Westside

<i>Chairs: G. Mari (United States); A. Papageorgiou (United Kingdom)</i>	
Comparison of placental blood flow in the second trimester between normal and diabetic pregnancy using 3D power Doppler standardised to a local vessel	OP16.01
<i>N. Jones (United Kingdom)</i>	

Short oral presentations – Tuesday 20 September 2011

The Tei index to assess myocardial performance in fetuses of diabetic mothers <i>K. Campbell (United States)</i>	OP16.02
Fetal cerebral perfusion in the third trimester of pregnancies with controlled maternal insulin-dependent-diabetes (IDD) <i>I. Gussi (Romania)</i>	OP16.03
The value of cerebroplacental ratio for fetal assessment in prolonged pregnancy <i>F. D'Antonio (United Kingdom)</i>	OP16.04
Fetal cerebral perfusion in the third trimester of pregnancies with controlled maternal insulin-dependent-diabetes (IDD) <i>I. Gussi (Romania)</i>	OP16.05
Does maternal psychological distress affect uterine artery blood flow resistance measures in third trimester? <i>A. Helbig (Norway)</i>	OP16.06
Uterine artery Doppler during the second trimester of gestation in the screening for thrombophilic disorders <i>D. Pedraza (Chile)</i>	OP16.07
Can LMWHs affect uterine artery Doppler in patients with thrombophilia? <i>E. Tarim (Turkey)</i>	OP16.08
Relationship between uterine artery Doppler PI and platelet aggregation in women at risk of pre-eclampsia <i>T. Everett (United Kingdom)</i>	OP16.09
Role of uterine artery Doppler velocimetry in the third trimester of pregnancy <i>C. Zanardini (Italy)</i>	OP16.10
Uterine artery Doppler flow studies in late 2nd trimester for prediction of adverse pregnancy outcomes in low risk populations <i>H. Muto (Japan)</i>	OP16.11

OP17: Fetal therapy**Olympic 1**

<i>Chairs: W. Sepulveda (Chile); K. Hecher (Germany)</i>	
MRI findings in MC twin pregnancies after intra-uterine fetal death <i>S. Lipitz (Israel)</i>	OP17.01
Non-invasive antenatal management of neonatal alloimmune thrombocytopenia in recurring pregnancies <i>S. Lipitz (Israel)</i>	OP17.02
Perinatal outcome of monozygotic twins with severe selective IUGR <i>M. Marangoni (France)</i>	OP17.03
Ultrasound prognostic factors in the period a week or two after laser surgery for twin-twin transfusion syndrome <i>K. Ishii (Japan)</i>	OP17.04
Fetal lung response after complete and partial tracheal occlusion using a prototype engineered "smart" balloon in sheep model <i>R. Ruano (Brazil)</i>	OP17.05
Antenatal prognostic factors for fetal sacrococcygeal teratoma; a multicenter survey in Japan <i>J. Seung chik (Japan)</i>	OP17.06
Natural history and outcomes of right ventricular outflow tract obstruction (RVOTO) in twin-to-twin transfusion syndrome (TTTS) <i>M. Bebbington (United States)</i>	OP17.07
Cervical length and cervical infection as predictors of success of laser therapy in twin-to-twin transfusion syndrome (TTTS) <i>B. Hollwitz (Germany)</i>	OP17.08
Probability of neonatal outcomes in isolated congenital diaphragmatic hernia using fetal lung size measurements [^] <i>R. Ruano (Brazil)</i>	OP17.09
Posterior urethral valve treatment using an 18-gauge needle inserted through perineal surface of the fetus <i>E. Cosmi (Italy)</i>	OP17.10
Cord occlusion in a clinical series of 103 monozygotic pregnancies: Impact of early (≤ 18 weeks) versus later treatment in outcome <i>M. Sanz-Cortes (Spain)</i>	OP17.11

OP18: Aneuploidy and fetal anomalies: first trimester I**Olympic 2**

<i>Chairs: K. Kagan (Germany); O. Petersen (Denmark)</i>	
The influence of fetal sex on parameters of first trimester combined test in normal pregnancies and pregnancies with Down and Edwards syndromes <i>M. Hynek (Czech Republic)</i>	OP18.01
Improving the detection rate in first trimester screening for chromosomal abnormalities: using a 1 in 300 vs. a 1 in 100 risk assessment cut-off point <i>A. Tahmasebpour (Islamic Republic of Iran)</i>	OP18.02
First trimester screening in the Netherlands: why is the uptake so low? <i>M. Bakker (Netherlands)</i>	OP18.03
Impact of a new public screening policy for Down syndrome in Hong Kong: preliminary results <i>K. Leung (Hong Kong)</i>	OP18.04
The effect of the contents of exomphalos and nuchal translucency (NT) at 11-14 weeks on the likelihood of associated chromosomal abnormality <i>C. Iacovella (United Kingdom)</i>	OP18.05
First things first: preconditions to reliably estimate the risk of fetal trisomy <i>R. Snijders (Netherlands)</i>	OP18.06
Pre- and postnatal diagnosis of fetal trisomy in the north-east of the Netherlands <i>R. Snijders (Netherlands)</i>	OP18.07
Foetal umbilical vein varices and thrombus formation: are there identifiable risk factors by foetal echocardiography? <i>L. Tordjman (Canada)</i>	OP18.08

[^] This abstract has been shortlisted as a finalist for the Alfred Kratochwil 3D abstract award. The winner will be announced at the closing ceremony.

OP19: Reproductive medicine

Santa Monica

Chairs: G. Condous (Australia); E. Epstein (Sweden)

Comparison of CD & 3DPD for preHCG follicular & endometrial assessment in IUI cycles <i>C. Nagori (India)</i>	OP19.01
Stromal ovarian vascularization assessed by Spatial Temporal Image Correlation (STIC)-High Definition Flow (HDF) in women with PCOS [^] <i>M. Kudla (Poland)</i>	OP19.02
Intra-cycle variation of antral follicle counts measured using 3D ultrasound and anti-Müllerian hormone in normo-ovulatory healthy volunteers <i>S. Deb (United Kingdom)</i>	OP19.03
The prevalence of congenital uterine anomalies in high risk populations - a systematic review <i>Y. Chan (United Kingdom)</i>	OP19.04
Three dimensional echographic evaluation of septate uterus after hysteroscopic septum resection and correlation with pregnancy outcome <i>C. Ionescu (Romania)</i>	OP19.05
Anomalies of the Muller duct development in women with reproductive disorders <i>D. Smetanova (Czech Republic)</i>	OP19.06
Reference values for size and vascularization of ovaries in premenopausal women obtained by three-dimensional gray scale and power Doppler ultrasound <i>L. Jokubkiene (Sweden)</i>	OP19.07
The effect of ovulation on standardised fractional moving blood volume (sFMBV) of the subendometrium <i>S. Sur (United Kingdom)</i>	OP19.08
Validation of antral follicle counts of different follicle size cohorts made using two- and three-dimensional ultrasound <i>S. Deb (United Kingdom)</i>	OP19.09

OP20: Outcomes in fetal growth restriction

Constellation

Chairs: K. Maršál (Sweden); T. Kiserud (Norway)

Estimated fetal weight percentile predicts perinatal outcome in term, small-for-gestational-age fetuses with normal umbilical, uterine, and brain Doppler <i>S. Savchev (Spain)</i>	OP20.01
Utility of uterine artery Doppler, alone or in combination with brain Doppler, in the prediction of adverse perinatal outcome in term small-for-gestational-age fetuses <i>R. Cruz-Martinez (Spain)</i>	OP20.02
Difference of postnatal catch-up growth in fetuses with intrauterine growth restriction according to the maternal hypertensive disease <i>S. Kim (Republic of Korea)</i>	OP20.03
The relationship of newborn adiposity to neonatal growth outcome based on birth weight or the neonatal growth assessment score <i>W. Lee (United States)</i>	OP20.04
Abdominal aorta pathologic findings in stillbirth fetuses with intrauterine growth restriction <i>E. Cosmi (Italy)</i>	OP20.05
Small for gestational age and relationship of abnormal umbilical artery Doppler blood flow with perinatal mortality <i>R. Moisiu (Albania)</i>	OP20.06
Does fetal growth cessation affect the prediction of birth characteristics? <i>W. Lee (United States)</i>	OP20.07
Outcome of pregnancies with severe IUGR detected by ultrasound scan before 24 weeks <i>S. Sankaran (United Kingdom)</i>	OP20.08
The intra- and inter- observer variability in fetal measurements by ultrasound <i>I. Sarris (United Kingdom)</i>	OP20.09

OP21: Developments in the first trimester scan

Westside

Chairs: F. Audibert (Canada); H. Blaas (Norway)

Low maternal levels of first-trimester PAPP-A and free β -hCG are associated with an increased risk of admission to NICU and of neonatal disease <i>I. Kirkegaard (Denmark)</i>	OP21.01
Measurement of the fourth ventricle at the 11-13-week scan <i>K. Koterova (Czech Republic)</i>	OP21.02
Efficacy of complete morphological screening for chromosomal anomalies at the time of nuchal translucency measurement <i>M. Bellotti (Italy)</i>	OP21.03
First trimester diagnosis of SUA - feasibility of the marker, importance in screening for aneuploidies <i>S. Tudorache (Romania)</i>	OP21.04
Appearance of the posterior fossa in fetuses with spina bifida between 11+3 and 13+6 weeks of gestation by three dimensional sonography <i>M. Scheier (Austria)</i>	OP21.05
Early detection of limb defects in first trimester ultrasound <i>J. Bault (France)</i>	OP21.06
Ultrasound evaluation of fetal gender at 12-14 weeks <i>M. Prochazka (Czech Republic)</i>	OP21.07
Three-dimensional examination of the genital tubercle by means of virtual reality <i>H. Bogers (Netherlands)</i>	OP21.08

[^] This abstract has been shortlisted as a finalist for the Alfred Kratochwil 3D abstract award. The winner will be announced at the closing ceremony.

Short oral presentations – Tuesday 20 September 2011

OP22: Labour at term

Olympic 1

Chairs: J. Hobbins (United States); K. Kalache (Germany)

Markers for labour induction success in nullipara. Do cervical length and fetal fibronectin have any predictive value?

OP22.01

M. Theodora (Greece)

Comparison of clinical and sonographic parameters at labor induction

OP22.02

F. Avila (Chile)

Assessment of fetal head station in nulliparous and multiparous non laboring women at term

OP22.03

E. Vaisbuch (Israel)

Can the "angle of progression" as measured in nulliparous women before the onset of labor predict mode of delivery?

OP22.04

R. Levy (Israel)

Correlation of intrapartum ultrasonic fetal abdominal subcutaneous and skin thickness with birthweight and delivery indices

OP22.05

A. Fong (United States)

Pelvimetry by LaborPro System for the diagnosis of dystocia

OP22.06

E. Bertucci (Italy)

A study about sonographic parameters to assess labor progression use three-dimensional transperineal ultrasound

OP22.07

Q. Wu (China)

To evaluate the value of the determination of occipito posterior position before head engagement and risk of persistent OP and cesarean section

OP22.08

Y. Paltieli (Israel)

Abstract withdrawn

OP22.09

3D ultrasound evaluation of changes in the angle of progression in nulliparous women undergoing spontaneous vaginal and operative delivery

OP22.10

A. Youssef (Italy)

3D ultrasound evaluation of changes in the midline angle in nulliparous women undergoing spontaneous vaginal and operative delivery

OP22.11

A. Youssef (Italy)

OP23: New imaging technologies

Olympic 2

Chairs: E. Hernandez-Andrade (Mexico); K. Baba (Japan)

Fetal biometry: can offline measurements from 3D volumes substitute real time 2D measurements?

OP23.01

I. Sarris (United Kingdom)

A pilot study of automated anatomical landmark detection for quality control purposes in the context of multicentre studies: abdominal circumference

OP23.02

I. Sarris (United Kingdom)

Innovative platform for training coherent operational skills of the ultrasound equipment

OP23.03

R. Tepper (Israel)

The use of MRI for standard anatomical examination of the fetus

OP23.04

A. Millischer-Bellaiche (France)

Quality control of standardized 3D acquisition for the examination of the fetal head and abdomen volumes

OP23.05

Q. Thibaud (France)

Second trimester ultrasound scan feasibility in obese pregnant women

OP23.06

E. Fuchs (France)

A computerized courseware for the operation of ultrasound equipment uses didactic and interactive e-learning tools to deliver operation competence and insight

OP23.07

R. Tepper (Israel)

Virtual bronchoscopy in the fetus

OP23.08

H. Werner (Brazil)

Fetal aortic intima media thickness measurement by decomposing unprocessed radio frequency derived ultrasound wall reflection into two Gaussian pulses

OP23.09

H. Miquhels (Netherlands)



Wednesday 21 September - Program

MTP \$35	07:15 - 07:55 Meet the Professor' sessions <i>(these are not part of the main program and must be booked – see program for details)</i>
Plenary	08:00 - 08:40 State of the art lecture <i>LA Room</i>
OC	08:40 - 09:55 Echocardiography screening and detailed examination <i>LA Room</i> Caesarian section scars and other safety issues <i>Santa Monica</i> Management of ovarian masses <i>Beverly Hills</i>
OP	10:00 - 10:45 Ovarian masses <i>Beverly Hills</i> Normal and abnormal fetal growth <i>Constellation</i> Fetal anomalies: second trimester <i>Westside</i> Uteroplacental Doppler assessment <i>Olympic 1</i> Fetal intervention and first trimester: obstetric case reports <i>Olympic 2</i>
OC	11:00 - 12:15 Fetal Doppler <i>LA Room</i> Advanced sonographic assessment of the CNS <i>Santa Monica</i> Imaging in oncologic patients <i>Beverly Hills</i>
OP	12:20 - 13:05 Ultrasound imaging and treatment <i>Beverly Hills</i> Fetal cardiac function <i>Constellation</i> Perinatal outcomes and management of twin pregnancy <i>Westside</i> Obstetric case reports <i>Olympic 1</i> Assuring quality in ultrasound <i>Olympic 2</i>
Sponsor	13:10 - 14:10 Samsung Medison satellite symposium <i>LA Room</i>
OC	14:15 - 15:30 Fetal anomalies: second trimester <i>LA Room</i> Preterm and term labour <i>Santa Monica</i> Menopause <i>Beverly Hills</i>
Workshops	16:00 - 17:20 Borderline findings: CNS <i>LA Room</i> Optimising 3D/4D ultrasound <i>Santa Monica</i> How to scan for gynecological cancer <i>Beverly Hills</i> Monochorionic twins: managing the risks <i>Constellation</i> Cardiac functional evaluation <i>Westside</i>
MTP \$35	17:30 - 18:10 Meet the Professor' sessions <i>(these are not part of the main program and must be booked – see program for details)</i>

22nd World Congress on Ultrasound in Obstetrics and Gynecology

9–13 September 2012, Copenhagen, Denmark



Critical dates

January 2012	Registration and Call for Papers opens
9 April 2012	Abstract submission and reduced rate registration deadline
	Exhibition / sponsorship discount deadline
9 July 2012	Early bird registration rate deadline
9 September 2012	Onsite registration opens

Visit the ISUOG website for full details

Program – Wednesday 21 September 2011

07:15 - 07:55 'Meet the professor' sessions

Entry to these sessions is NOT included in the Congress registration fee.

Tickets cost \$35 to include breakfast and can be booked at the registration desk if places are available.

You will receive a ticket as proof of your registration, which you will need for entry to the session.

Current issues in IUGR management <i>A. Baschat (United States)</i>	Constellation
Fetal echocardiography: anomalies of cardiac chambers <i>A. Abuhamad (United States)</i>	Westside
3D in gynecology: luxury or necessity? <i>I. Timor-Tritsch (United States)</i>	Olympic 1
2nd trimester anomaly scan: what you can see and what you must see <i>D. Paladini (Italy)</i>	Olympic 2

08:00 - 08:40 State of the art lecture LA Room

08:00	Chair: <i>Y. Ville (France)</i> The impact of molecular imaging: what are the prospects for ultrasound? <i>M. Phelps (United States)</i>
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08:40 - 09:55 Echocardiography screening and detailed examination LA Room

08:40	Chairs: <i>D. Paladini (Italy); J. Rychik (United States)</i> Overview <i>D. Paladini (Italy)</i>	
08:45	Live scan [supported by: Samsung Medison*] <i>J. Carvalho (United Kingdom)</i>	
09:05	Atrioventricular valve regurgitation in patients with endocardial cushion defects: from fetal to postnatal life <i>B. Davey; D. Thacker; J. Rychik (United States)</i>	OC19.01
09:10	Discussion	
09:13	The spectrum of presentations of tetralogy of Fallot with absent pulmonary valve leaflet syndrome (ToF/APVLS) by fetal echocardiography <i>D. Wood¹; S. Kabra²; S. Nicholas¹; V. Seravalli¹; E. El Gamal¹; S. Weiner¹; S. Shah¹. ¹(United States); ²(India)</i>	OC19.02
09:18	Discussion	
09:21	Prediction of postnatal outcome of tetralogy of Fallot at mid-second trimester of pregnancy <i>D. Escribano; I. Herraiz; M. Granados; E. Gomez Montes; J. Puente; A. Galindo Izquierdo (Spain)</i>	OC19.03
09:26	Discussion	
09:29	Perinatal cardiac tumours - management, outcome and long-term follow-up <i>M. Machado; N. Melo; S. Garcia; R. Andrade; V. Alcantara; C. Mariani (Brazil)</i>	OC19.04
09:34	Discussion	
09:37	Fetal cerebral blood flow predicts neurologic functioning in infants with congenital heart disease (CHD) <i>I. Williams; A. Tarullo; P. Grieve; A. Wilpers; M. Myers; W. Fifer (United States)</i>	OC19.05
09:42	Discussion	
09:45	Ventricular myocardial performance using Velocity Vector Imaging in fetuses and infants with congenital complete heart block <i>C. Saunders; K. Jayakumar (United States)</i>	OC19.06
09:50	Discussion	
09:53	Summary and close <i>D. Paladini (Italy)</i>	

08:40 - 09:55 Caesarian section scars and other safety issues Santa Monica

08:40	Chairs: <i>J. Abramowicz (United States); C. Lees (United Kingdom)</i> Overview <i>J. Abramowicz (United States)</i>	
08:45	Live scan [supported by: Siemens*] <i>C. Lees (United Kingdom)</i>	
09:00	The effect of power settings on obstetric ultrasound measurements <i>R. Sande; K. Matre; G. Eide; T. Kiserud (Norway)</i>	OC20.01
09:05	Discussion	
09:08	Assessment of sonographers' variability in ultrasound measurements of BPD, HC, AC and FL <i>A. Gagnon; Z. Hodgson; M. Papsdorf; V. Nevmerjitskaia (Canada)</i>	OC20.02
09:13	Discussion	
09:16	Self vs expert scoring methods for quality control in the first trimester ultrasound examination. An internet based experience (www.sfape.com) <i>G. Benoit; J. Bernard; Y. Ville; L. Salomon (France)</i>	OC20.03
09:21	Discussion	

* Scientific content of live scan sessions is defined by ISUOG. Ultrasound systems and technical support are provided by sponsors.

Program – Wednesday 21 September 2011

09:24	Ultrasonographic features of Cesarean scars in non-pregnant uterus after single and multiple cesarean sections <i>M. Zimmer; M. Pomorski; M. Tomialowicz; A. Wiatrowski; T. Fuchs; E. Milnerowicz-Nabzdyk; J. Michniewicz; A. Koziol (Poland)</i>	OC20.04
09:29	Discussion	
09:32	Changes in Caesarean section scar size in the three trimesters of pregnancy <i>O. Najji¹; A. Daemen²; Y. Abdallah¹; A. Smith¹; A. Pexsters²; C. Stalder¹; S. Ghaem-Maghani¹; D. Timmerman²; T. Bourne¹. ¹(United Kingdom); ²(Belgium)</i>	OC20.05
09:37	Discussion	
09:40	Ultrasound findings of placenta accreta in the first trimester <i>J. Ballas; D. Pretorius; R. Resnik; G. Ramos (United States)</i>	OC20.06
09:45	Discussion	
09:48	Summary and close <i>J. Abramowicz (United States)</i>	

08:40 - 09:55 Management of ovarian masses Beverly Hills

	<i>Chairs: T. Bourne (United Kingdom); C. Holschneider (United States)</i>	
08:40	Overview <i>C. Holschneider (United States)</i>	
08:45	Pattern recognition for characterising ovarian pathology <i>L. Valentin (Sweden)</i>	
09:05	Correlation between contrast transvaginal sonography and angiogenesis in ovarian mass <i>J. Wang (China)</i>	OC21.01
09:10	Discussion	
09:13	Selection of women with an ovarian tumor for surgery in specialist centers: a comparison of two triaging protocols <i>B. Van Calster¹; T. Bourne²; R. Husicka²; L. Valentin²; A. Testa⁴; C. Van Holsbeke¹; I. Vergote¹; S. Van Huffel¹; D. Timmerman¹. ¹(Belgium); ²(United Kingdom); ³(Sweden); ⁴(Italy)</i>	OC21.02
09:18	Discussion	
09:21	Ultrasound imaging compared to a multivariate predictive algorithm combining HE4 and CA 125 (ROMA®) in the pre-operative assessment of adnexal masses <i>D. Franchi; S. Maria Teresa; B. Sara; R. Davide; S. Mario (Italy)</i>	OC21.03
09:26	Discussion	
09:29	A prediction model to distinguish between benign, borderline, stage I invasive, higher stage invasive, and metastatic adnexal tumors <i>B. Van Calster¹; L. Valentin²; L. Ameye¹; C. Van Holsbeke¹; A. Testa³; I. Vergote¹; S. Van Huffel¹; T. Bourne⁴; D. Timmerman¹. ¹(Belgium); ²(Sweden); ³(Italy); ⁴(United Kingdom)</i>	OC21.04
09:34	Discussion	
09:37	Sonographic follow-up of unilocular >5cm and multilocular ovarian cysts <7cm in post-menopausal women: preliminary results <i>F. Leone; A. Crepaldi; C. Marcianti; I. Cetin (Italy)</i>	OC21.05
09:42	Discussion	

10:00 - 10:45 Short oral presentation (OP) sessions

OP24: Ovarian masses	Beverly Hills
<i>Chairs: D. Timmerman (Belgium); A. Fleischer (United States)</i>	
OP25: Normal and abnormal fetal growth	Constellation
<i>Chairs: S. Eik-Nes (Norway); C. Bottomley (United Kingdom)</i>	
OP26: Fetal anomalies: second trimester	Westside
<i>Chairs: L. Silver (United States); J. Johnson (Canada)</i>	
OP27: Uteroplacental Doppler assessment	Olympic 1
<i>Chairs: D. Maulik (United States); S. Rotmensch (United States)</i>	
OP28: Fetal intervention and first trimester: obstetric case reports	Olympic 2
<i>Chairs: P. Jeanty (United States); K. Bradley (United States)</i>	

10:30 - 11:00 Coffee and poster viewing California Showroom

11:00 - 12:15 Fetal Doppler LA Room

	<i>Chairs: T. Kiserud (Norway); C. Brezinka (Austria)</i>	
11:00	Overview <i>T. Kiserud (Norway)</i>	
11:05	Live scan [supported by: Toshiba*] <i>A. Papageorgiou (United Kingdom)</i>	
11:20	Acceleration/ejection time ratio in fetal pulmonary artery predicts the development of neonatal respiratory distress syndrome <i>S. Kim¹; J. Park¹; E. Norwitz²; E. Hwang¹; S. Kim¹; H. Kang¹; C. Park¹; J. Jun¹; B. Yoon¹. ¹(Republic of Korea); ²(United States)</i>	OC22.01
11:25	Discussion	

* Scientific content of live scan sessions is defined by ISUOG. Ultrasound systems and technical support are provided by sponsors.

Program – Wednesday 21 September 2011

11:28	Validation of clinical Doppler parameters of pulmonary vascular responsivity and severity of lung hypoplasia in a fetal rat model <i>Y. Yamamoto; T. Bernard; V. Jain; L. Hornberger (Canada)</i>	OC22.02
11:33	Discussion	
11:36	Longitudinal changes in intrapulmonary artery Doppler during pregnancy in fetuses with congenital diaphragmatic hernia and impact of fetoscopic tracheal occlusion <i>R. Cruz-Martinez; E. Hernandez-Andrade; O. Moreno-Alvarez; R. Garcia-Posada; J. Martinez; E. Gratacós (Spain)</i>	OC22.03
11:41	Discussion	
11:44	Fetal breathing movements increase venous drainage through the superior vena cava <i>M. Nyberg; S. Johnsen; S. Rasmussen; T. Kiserud (Norway)</i>	OC22.04
11:49	Discussion	
11:52	Comparison of placental blood flow in the third trimester of normal and diabetic pregnancy using a novel stereological 3D power Doppler technique <i>N. Jones; N. Raine-Fenning; E. Bradley; H. Mousa; R. Deshpande; P. Mansell; G. Bugg (United Kingdom)</i>	OC22.05
11:57	Discussion	
12:00	Quantitative carotid volume blood flow measurements using PW-Doppler vs transit-time perivascular flowmetry in ovine twin fetuses <i>S. Gruessner; H. Hertel; P. Hillemanns; C. Peter (Germany)</i>	OC22.06
12:05	Discussion	
12:08	Summary and close <i>T. Kiserud (Norway)</i>	

11:00 - 12:15 Advanced sonographic assessment of the CNS

Santa Monica

	<i>Chairs: A. Ngu (Australia); I. Timor-Tritsch (United States)</i>	
11:00	Overview <i>A. Ngu (Australia)</i>	
11:05	Live scan: 1st trimester CNS [supported by: Siemens*] <i>I. Timor-Tritsch (United States)</i>	
11:25	Fetal optic nerve sheath measurement as a potential non-invasive tool for assessment of increased intracranial pressure <i>K. Haratz²; F. Viñals³; D. Lev¹; H. Feit¹; L. Ben-Sira¹; T. Lerman-Sagie¹; G. Malinger¹. ¹(Israel); ²(Brazil); ³(Chile)</i>	OC23.01
11:30	Discussion	
11:33	Sonographic assessment of normal transient patterns of fetal cerebral lamination <i>D. Pugash¹; K. Dewar¹; D. Prayer². ¹(Canada); ²(Austria)</i>	OC23.02
11:38	Discussion	
11:41	Feasibility of including a basic evaluation of fetal cortical appearance as a routine part of the ultrasound scan during the second half of pregnancy <i>F. Guerra; M. Zapata; J. Mansilla; R. Gutierrez (Chile)</i>	OC23.03
11:46	Discussion	
11:49	Superior imaging the fetal cerebellar vermis with 3D ultrasound multiplanar reconstruction and VCI-C to obtain the mid-sagittal plane <i>S. Yagel; O. Shen; D. Valsky; R. Rabinowitz; Y. Zalel (Israel)</i>	OC23.04
11:54	Discussion	
11:57	[^] Fetal brain morphology and medullary vascular development <i>R. PooH (Japan)</i>	OC23.05
12:02	Discussion	
12:05	Summary and overview <i>A. Ngu (Australia)</i>	

11:00 - 12:15 Imaging in oncologic patients

Beverly Hills

	<i>Chairs: A. Testa (Italy); D. Fischerova (Czech Republic)</i>	
11:00	Overview <i>D. Fischerova (Czech Republic)</i>	
11:05	What's new in ovarian cancer diagnostics <i>B. Karlan (United States)</i>	
11:20	Evaluating the extent of cervical carcinoma <i>A. Testa (Italy)</i>	
11:35	^{vi} Agreement between ultrasound and histopathological findings with regard to tumor size and extent of local disease in cases of early stage cervical cancer <i>A. Gaurilcikas¹; D. Vaitkiene¹; A. Cizauskas¹; E. Svedas¹; A. Bartusevicius¹; S. Augustis¹; A. Testa². ¹(Lithuania); ²(Italy)</i>	OC24.01
11:40	Discussion	
11:43	^{^ vi} 3D transvaginal ultrasound to assess the early chemotherapy response of locally advanced cervical cancer <i>G. Perniola; M. Graziano; C. Exacoustos; F. Tomao; A. Martoccia; A. Casorelli; C. Marchetti; F. Bellati; D. Arduini; P. Faiano; P. Benedetti Panici (Italy)</i>	OC24.02
11:48	Discussion	
11:51	[^] Can 3D Power Doppler be used as a prognosis tool for neoadjuvant chemotherapy of cervical carcinoma? <i>J. Qin; W. Lu; X. Cheng; X. Xie (China)</i>	OC24.03
11:56	Discussion	
11:59	Ultrasound presurgical endometrial cancer <i>D. Scardigno; A. Vimercati; M. Lorusso; A. Profeta; C. Nardelli; L. Leone; M. Abruzzese; V. Loizzi; G. Cormio; L. Selvaggi (Italy)</i>	OC24.04
12:04	Discussion	

* Scientific content of live scan sessions is defined by ISUOG. Ultrasound systems and technical support are provided by sponsors.

[^] This abstract has been shortlisted as a finalist for the Alfred Kratochwil 3D abstract award. The winner will be announced at the closing ceremony.

^{vi} This presentation is eligible for the Young Investigator award (to be presented at the closing ceremony).

Program – Wednesday 21 September 2011

12:20 - 13:05 Short oral presentation (OP) sessions

OP29: Ultrasound imaging and treatment

Chairs: J. Shwayder (United States); S. Laifer-Narin (United States)

Beverly Hills

OP30: Fetal cardiac function

Chairs: E. Gratacós (Spain); H. Gardiner (United Kingdom)

Constellation

OP31: Perinatal outcomes and management of twin pregnancy

Chairs: A. Gagnon (Canada); B. Thilaganathan (United Kingdom)

Westside

OP32: Obstetric case reports

Chairs: T. Shipp (United States); I. Timor-Tritsch (United States)

Olympic 1

OP33: Assuring quality in ultrasound

Chairs: C. Brezinka (Austria); T. Chudleigh (United Kingdom)

Olympic 2

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

California Showroom

13:10 - 14:10 Samsung Medison satellite symposium**

LA Room

14:15 - 15:30 Fetal anomalies: second trimester

LA Room

Chairs: S. Eik-Nes (Norway); T. Lau (Hong Kong)

14:15

Overview

S. Eik-Nes (Norway)

14:18

Using second trimester markers to adjust risk assessment

B. Benaceraf (United States)

14:33

Live scan [supported by: Toshiba*]

C. Bilardo (Netherlands)

14:53

^{yi} Assisted reproductive technologies and fetal anomalies in singleton gestations

C. Hillerup; R. Gutkin; N. Silverman; D. Krakow; L. Platt (United States)

OC25.01

14:58

Discussion

15:01

The impact of fetal renal pelvic diameter on postnatal outcome

A. Shamshirsaz; S. Ravangard; A. Shamshirsaz; A. Prubulos; W. Campbell; R. Billstrom; A. Sadowski; J. Makari;

F. Ferrer; K. Herbst; J. Egan (United States)

OC25.02

15:06

Discussion

15:09

Predicting adverse outcome in foetuses with gastroschisis by ultrasound markers

M. Kuleva; N. Khen-Dunlop; Y. Dumez; Y. Ville; L. Salomon (France)

OC25.03

15:14

Discussion

15:17

2D sonographic evaluation of the fetal palate

L. Wilhelm; H. Borgers (Germany)

OC25.04

15:22

Discussion

15:25

Summary and close

S. Eik-Nes (Norway)

14:15 - 15:30 Preterm and term labour

Santa Monica

Chairs: V. Berghella (United States); Z. Alfirevic (United Kingdom)

14:15

Pros and cons of ultrasound indicated cerclage

Z. Alfirevic (United Kingdom)

14:35

First trimester screening for preterm birth

J. Stimmermann; L. Salomon; G. Benoist; J. Bernard; Y. Ville (France)

OC26.01

14:40

Discussion

14:43

Validating a prediction model of spontaneous preterm birth using ultrasound cervical length measurement and fetal fibronectin immunoassay

O. Moreno-Alvarez; S. Rosales-Ortiz; M. Garcia-Espinosa; M. Gutiérrez-Villafuerte; J. Ayala-Mendez (Mexico)

OC26.02

14:48

Discussion

14:51

Fetal thymus and intrauterine inflammation

M. Kacerovsky; I. Musilova (Czech Republic)

OC26.03

14:56

Discussion

14:59

Ultrasound measurement of fetal thymic transverse diameter for identification of intraamniotic infection in women with preterm prelabor rupture of membranes

I. Musilova; M. Kacerovsky (Czech Republic)

OC26.04

15:04

Discussion

15:07

Longitudinal measurements of caesarean section scar size and residual myometrial thickness in pregnancy as predictors of scar appearance at repeat caesarean delivery

O. Najji¹; A. Daemen²; Y. Abdallah¹; A. Smith¹; A. Pexsters²; C. Stalder¹; S. Saso¹; S. Ghaem-Maghani¹; A. McIndoe¹; D. Timmerman²; T. Bourne¹. ¹(United Kingdom); ²(Belgium)

OC26.05

15:12

Discussion

15:15

Ultrasonographic fetal head position to predict the outcome of delivery: a systematic review

C. Verhoeven; M. Rückert; B. Opmeer; E. Pajkrt; B. Mol (Netherlands)

OC26.06

15:20

Discussion

15:23

Summary and close

Z. Alfirevic (United Kingdom)

* Scientific content of live scan sessions is defined by ISUOG. Ultrasound systems and technical support are provided by sponsors.

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^{yi} This presentation is eligible for the Young Investigator award (to be presented at the closing ceremony).

Program – Wednesday 21 September 2011

14:15 - 15:40		Menopause	Beverly Hills
		<i>Chairs: A. Parsons (United States); G. Chaudhuri (United States)</i>	
14:15		Current controversies in the menopause <i>G. Chaudhuri (United States)</i>	
14:30		Thick endometrium, polyps and simple cysts in older asymptomatic women <i>T. Bourne (United Kingdom)</i>	
14:45		Cancer risk and HRT <i>A. Parsons (United States)</i>	
15:00		Grayscale and color Doppler ultrasound characteristics of endometrial cancer in relation to stage, grade and tumor size <i>E. Epstein¹; C. Van Holsbeke²; F. Mascilini³; A. Måsbäck¹; P. Kannisto¹; L. Ameye²; D. Fischerova⁴; V. Vellone³; G. Zannoni³; D. Timmerman²; A. Testa³. ¹(Sweden); ²(Belgium); ³(Italy); ⁴(Czech Republic)</i>	OC27.01
15:12		Discussion	
15:15		Early diagnosis in ovarian cancer: role of transvaginal color Doppler ultrasound, twelve years experience <i>M. Pascual; B. Graupera; L. Herete; F. Tresserra; M. Cusidó; I. Rodríguez (Spain)</i>	OC27.02
15:20		Discussion	
15:23		Incidental ultrasound findings in the ovaries of asymptomatic premenopausal women <i>L. Jokubkiene; P. Sladkevicius; L. Valentin (Sweden)</i>	OC27.03
15:28		Discussion	
15:31		Ultrasound assessment of the intima and media layers on the carotid arteries in peri- and postmenopausal women <i>F. Chantraine¹; B. Tutschek²; J. Schaaps¹; J. Foidart¹. ¹(Belgium); ²(Switzerland)</i>	OC27.04
15:36		Discussion	
15:30 - 16:00		Coffee and e-poster viewing	California Showroom
16:00 - 17:20		Borderline findings: CNS	LA Room
		<i>Chairs: G. Pilu (Italy); A. Toi (Canada)</i>	
16:00		Live scan: multiplanar neurosonology [supported by: Samsung Medison*] <i>G. Pilu (Italy)</i>	
16:20		Are all former Dandy-Walker variants Blake's pouch cysts? <i>D. Paladini (Italy)</i>	
16:40		Mild ventriculomegaly and absent septum pellucidum <i>G. Pilu (Italy)</i>	
17:00		When to suspect gyration abnormalities in a normal fetal brain <i>A. Toi (Canada)</i>	
16:00 - 17:20		Optimising 3D/4D ultrasound	Santa Monica
		<i>Chairs: H. Blaas (Norway); R. Schild (Germany)</i>	
16:00		The outer surface <i>E. Merz (Germany)</i>	
16:20		The inner core <i>D. Pretorius (United States)</i>	
16:40		Live scan: Volume measurements [supported by: GE*] <i>W. Lee (United States)</i>	
17:00		Gynecology <i>N. Raine-Fenning (United Kingdom)</i>	
16:00 - 17:20		How to scan for gynecological cancer	Beverly Hills
		<i>Chairs: A. Testa (Italy); D. Timmerman (Belgium)</i>	
16:00		Alternative Imaging <i>A. Testa (Italy)</i>	
16:20		Early and advanced cervical cancer staging. Can ultrasound replace MRI? <i>D. Fischerova (Czech Republic)</i>	
16:40		Ultrasound and endometrial cancer <i>E. Epstein (Sweden)</i>	
17:00		Management of pelvic mass <i>C. Van Holsbeke (Belgium)</i>	
16:00 - 17:20		Monochorionic twins: managing the risks	Constellation
		<i>Chairs: Y. Ville (France); R. Chmait (United States)</i>	
16:00		Introduction <i>Y. Ville (France)</i>	
16:05		Risk stratification and management of monochorionic twins <i>K. Hecher (Germany)</i>	
16:25		Questions and answers	
16:30		The clinical spectrum of complicated monochorionic twins <i>A. Baschat (United States)</i>	
16:50		Discussion	

Program – Wednesday 21 September 2011

- 16:55 Fetoscopic laser ablation for severe TTTS - an update
R. Chmait (United States)
- 17:05 Fetoscopic laser for stage 1 TTTS - reasons for a randomized trial
Y. Ville (France)
- 17:15 Discussion

16:00 - 17:20 Cardiac functional evaluation

Westside

- 16:00 Chairs: *S. Yagel (Israel)*; *H. Gardiner (United Kingdom)*
Cardiac function and monitoring in different conditions
S. Yagel (Israel)
- 16:15 Questions and answers
- 16:20 Considerations for measuring cardiac function in the fetus
E. Gratacós (Spain)
- 16:35 Discussion
- 16:40 Speckle tracking, is it feasible in the fetus
H. Gardiner (United Kingdom)
- 16:55 Questions and answers
- 17:00 Applications of tissue Doppler: lessons learnt from fetal arrhythmias
B. Tutschek (Switzerland)
- 17:15 Questions and answers

17:30 - 18:10 'Meet the professor' sessions

Entry to these sessions is NOT included in the Congress registration fee.

Tickets cost \$35 to include drinks and refreshments and can be booked at the registration desk if places are available.

You will receive a ticket as proof of your registration, which you will need for entry to the session.

Systematic approach to diagnosis and management of monochorionic twin complications
E. Gratacós (Spain)

Constellation

New developments in first trimester ultrasound screening
C. Bilardo (Netherlands)

Westside

Applications and common technical errors in the use of fetal Doppler
C. Brezinka (Austria)

Olympic 1

Ultrasound in reproductive medicine
N. Raine-Fenning (United Kingdom)

Olympic 2



Short oral presentations – Wednesday 21 September 2011

OP24: Ovarian masses**Beverly Hills**Chairs: *D. Timmerman (Belgium); A. Fleischer (United States)*

3D procedure: immediate response for benignity or malignancy of ovarian lesions

OP24.01

E. Domali (Greece)

The evolution of simple ovarian cysts detected at transvaginal ultrasound examination in breast cancer patients

OP24.02

D. Franchi (Italy)

Value of preoperative ultrasound examination in the selection of women with adnexal masses for laparoscopic surgery

OP24.03

S. Reid (Australia)

Validation of pelvic masses score (PMS) in the preoperative evaluation of adnexal masses

OP24.04

A. Rossi (Italy)

Intra- and inter-observer reproducibility of Doppler ultrasound features in adnexal masses

OP24.05

L. Zannoni (Italy)

Three-dimensional volume off-line analysis as compared to real-time ultrasound for assessing adnexal masses

OP24.06

J. Alcazar (Spain)

Morphological and vascular ultrasound characteristics of pelvic masses of non-gynecological origin

OP24.07

M. Zikan (Czech Republic)

Intra- and inter-observer reproducibility of two morphological ultrasound features of adnexal masses and of ultrasound diagnosis regarding malignancy

OP24.08

*L. Zannoni (Italy)***OP25: Normal and abnormal fetal growth****Constellation**Chairs: *S. Eik-Nes (Norway); C. Bottomley (United Kingdom)*

Gestational age determination by last menstrual period versus crown-rump length in a United States cohort

OP25.01

M. Rosner (United States)

The influence of maternal body mass index and subsequent weight gain pattern on fetal growth

OP25.02

A. Pexsters (Belgium)

Does first trimester crown-rump length predict term birthweight?

OP25.03

R. Hackmon (Canada)

First trimester prediction of birth weight

OP25.04

I. Boucoiran (Canada)

First trimester growth and its correlation with SGA at term

OP25.05

D. Pedraza (Chile)

The relationship of crown-rump length at 11 to 14 weeks' to risk of large for gestational age and small for gestational age neonate

OP25.06

M. Rajaei (Islamic Republic of Iran)

First trimester screening and fetal growth

OP25.07

I. Ceausu (Romania)

3D and 3D power Doppler evaluation of the placenta at 11 weeks to 13 weeks 6 days of pregnancy improves the performance of low PAPP-A as a predictor of adverse pregnancy outcomes

OP25.08

A. Khurana (India)

Early fetal growth in malaria infected pregnancies

OP25.09

M. Rijken (Thailand)

Fetal biometrics, umbilical and uterine artery Doppler studies among malaria infected and not infected pregnant women

OP25.10

*N. Lazebnik (United States)***OP26: Fetal anomalies: second trimester****Westside**Chairs: *L. Silver (United States); J. Johnson (Canada)*

Prenatal diagnosis of trisomy 18 with sonogram index scoring system

OP26.01

X. Hong-Ning (China)

Second and third trimester termination of pregnancy for fetal anomaly: impact of a previous caesarean section on maternal morbidity

OP26.02

M. Driessen (France)

Hands-on anomaly scan masterclass for obstetricians in the Netherlands

OP26.03

K. Prinsen (Netherlands)

Sonographic evaluation of fetal kidney parenchymal growth

OP26.04

E. Hadar (Israel)

The risk of IUGR in pregnancies with acute cytomegalovirus infection and confirmed viremia

OP26.05

D. Nowakowska (Poland)

Rates of cesarean deliveries performed for Down syndrome fetuses with and without major congenital abnormalities in the United States of America

OP26.06

R. Faro (United States)

Outcome of fetal renal pyelectasis diagnosed during a routine second trimester screening ultrasound and a cut-off value for its progression in utero

OP26.07

M. Kim (Republic of Korea)

Postnatal diagnosis, treatment and follow-up of antenatal hydronephrosis: a health care challenge

OP26.08

A. Shamsirsaz (United States)

Fetal nasal bone length in second trimester ultrasound is a reliable ultrasound marker to detect fetuses with trisomy 21?

OP26.09

A. Gerede (Greece)

Short oral presentations – Wednesday 21 September 2011

OP27: Uteroplacental Doppler assessment**Olympic 1***Chairs: A. Papageorgiou (United Kingdom); S. Rotmensch (United States)*

Uterine artery Doppler in a high risk population from Chile <i>M. Yamamoto (Chile)</i>	OP27.01
Biochemical maternal serum markers alone and in combination predict extremes of Doppler abnormality (AREDV) <i>B. Rochelson (United States)</i>	OP27.02
A comparison of fractional moving blood volume and 3-D vascular flow indices of the placenta in the prediction of adverse pregnancy outcomes <i>K. Goetzinger (United States)</i>	OP27.03
Comparison of second trimester uterine artery impedance between IVF and spontaneous twins <i>R. Bayik (Turkey)</i>	OP27.04
The need to standardise Virtual Organ Computer-aided AnaLysis (VOCAL) power Doppler indices to the sub-bloom gain (SBG) level <i>S. Collins (United Kingdom)</i>	OP27.05
Does maternal psychological distress affect fetoplacental volume blood flow in third trimester? <i>A. Helbig (Norway)</i>	OP27.06
The comparison of two technical approaches for first trimester uterine artery Doppler velocimetry and correlation with mid-trimester Doppler <i>J. Lefebvre (Canada)</i>	OP27.07
Relationship between uterine artery Doppler PI and maternal heart rate in women at risk of pre-eclampsia OP27.08 <i>T. Everett (United Kingdom)</i>	
Comparison of wavelet and conventional analysis of uterine artery Doppler waveforms in pre-eclampsia screening <i>F. D'Antonio (United Kingdom)</i>	OP27.09
Relationship between uterine artery Doppler PI and augmentation index in women at risk of pre-eclampsia <i>T. Everett (United Kingdom)</i>	OP27.10
Relationship between uterine artery Doppler PI and pulse wave velocity in women at risk of pre-eclampsia OP27.11 <i>T. Everett (United Kingdom)</i>	

OP28: Fetal intervention and first trimester: obstetric case reports**Olympic 2***Chairs: P. Jeanty (United States); K. Bradley (United States)*

The human fetal tail: first trimester finding leading to the detection of familial pilonidal sinus <i>E. Bornstein (United States)</i>	OP28.01
Asymptomatic uterine rupture: a rare etiology for anhydramnios in the second trimester <i>Z. Rubeo (United States)</i>	OP28.02
Successfully treated fetus and mother - a case of mirror syndrome as the complication of fetal PVB19 infection <i>M. Debska (Poland)</i>	OP28.03
Nonsurgical treatment of an abdominal pregnancy with fetal intracardiac KCl injection and systemic methotrexate therapy <i>N. Mills (United States)</i>	OP28.04
Pleuro-amniotic shunting in bronchopulmonary sequestration with fetal hydrops - outcome in three cases depending on gestational age on birth and size of the lesion <i>M. Debska (Poland)</i>	OP28.05
Successful fetal surgery for a massive pulmonary mass due to a lobar bronchial atresia <i>J. Martinez (Spain)</i>	OP28.06
A case of suburethral myoma of the vagina in pregnancy <i>Y. Kim (Republic of Korea)</i>	OP28.07

OP29: Ultrasound imaging and treatment**Beverly Hills***Chairs: J. Shwayder (United States); S. Laifer-Narin (United States)*

2D/3D color Doppler and contrasted sonography of ovarian masses <i>A. Fleischer (United States)</i>	OP29.01
Research on contrast-enhanced sonography and enhanced MRI for evaluation of treatment effect of microwave ablation for hysteromyoma <i>L. Feng (China)</i>	OP29.02
Identification of parametria by 2D-3D ultrasound in patients with cervical cancer: new perspectives and future applications <i>G. Perriola (Italy)</i>	OP29.03
Teaching and self-study of gynecologic ultrasound: the role of virtual reality <i>B. Tutschek (Switzerland)</i>	OP29.04
3D ultrasound in diagnosis of uterine mullerian duct anomalies <i>Y. Derbala (Egypt)</i>	OP29.05
Pulsatility index evaluated by STIC three-dimensional power Doppler ultrasonography: description of the technique and evaluation of reproducibility <i>N. Raine-Fenning (United Kingdom)</i>	OP29.06
Defining the role of 3D ultrasound in the assessment of uterine shape <i>S. Chuang (Australia)</i>	OP29.07
3D-transvaginal sonography by VCI analysis to differentiate endometrial polyp and hyperplasia in pre-menopausal women <i>F. Leone (Italy)</i>	OP29.08
Prediction of the need for morcellation at total laparoscopic hysterectomy (TLH) from pre-operative 3-D volumetric ultrasound-estimated uterine weight and parity <i>S. Winder (Australia)</i>	OP29.09

OP30: Fetal cardiac function

Constellation

Chairs: E. Gratacós (Spain); H. Gardiner (United Kingdom)

Speckle tracking detects reduced myocardial strain in fetal congenital heart disease <i>H. Gardiner (United Kingdom)</i>	OP30.01
Cardiac valve annular motion by M-mode and tissue Doppler for assessment of cardiac dysfunction in small-for-gestational-age fetuses <i>M. Cruz Lemini (Spain)</i>	OP30.02
The Tei index in fetuses of diabetic mothers <i>K. Ichizuka (Japan)</i>	OP30.03
Fetal cardiac structure and function in pregestational and gestational diabetes <i>H. Duong (United States)</i>	OP30.04
Fetal tricuspid annular plane systolic excursion (F-TAPSE) evaluation in healthy fetuses <i>S. Yagel (Israel)</i>	OP30.05
Feasibility of strain and strain-rate analysis of the fetal heart by tissue Doppler and 2D speckle tracking imaging <i>M. Cruz Lemini (Spain)</i>	OP30.06
Comparison between fetal-TAPSE measurement by STIC-M-mode and conventional M-mode <i>S. Yagel (Israel)</i>	OP30.07
Fetal cardiac function by tissue Doppler imaging in fetuses with and without congenital heart disease <i>D. Albert (Spain)</i>	OP30.08
Assesment of fetal atrioventricular time intervals by dual Doppler in hepatic vein and descending aorta <i>T. Kaji (Japan)</i>	OP30.09
Left heart ejection fraction assessed by 4D ultrasound using STIC: observation of 265 normal fetuses <i>C. Simioni (Brazil)</i>	OP30.10

OP31: Perinatal outcomes and management of twin pregnancy

Westside

Chairs: A. Gagnon (Canada); B. Thilaganathan (United Kingdom)

Presentation of twins at delivery compared to ultrasound at 32,34 and 36 gestational weeks <i>K. O'Donoghue (Ireland)</i>	OP31.01
Aortic intima media thickness in twin pregnancies affected by selective intrauterine growth restricted and small for gestational age co-twin <i>E. Cosmi (Italy)</i>	OP31.02
Comparative outcomes in monochorionic and dichorionic twin pregnancies with active fetal surveillance and intervention <i>C. Ratha (India)</i>	OP31.03
Marginal umbilical cord insertion in sIUGR monochorionic twins does not correlate with TTTS and optimal timing of delivery avoid adverse perinatal outcome <i>E. Cosmi (Italy)</i>	OP31.04
MCMA twin: can delivery be considered at 35 weeks onwards <i>P. Sinha (United Kingdom)</i>	OP31.05
Pregnancy complications and neonatal outcome in spontaneous and assisted reproductive twin pregnancies <i>E. Cosmi (Italy)</i>	OP31.06
Prenatal ultrasonographic diagnosis of cerebral injury in twin pregnancy <i>X. Chen (China)</i>	OP31.07
Delayed delivery of multiple gestations: maternal and neonatal outcomes <i>H. Kang (Republic of Korea)</i>	OP31.08
Systematic labelling of twin pregnancies on ultrasound: limitations and guidance <i>T. Dias (United Kingdom)</i>	OP31.09

OP32: Obstetric case reports

Olympic 1

Chairs: T. Shipp (United States); I. Timor-Tritsch (United States)

Prenatal diagnosis of a facial fetal rhabdomyosarcoma <i>F. Morales Caballero (Mexico)</i>	OP32.01
Prenatal diagnosis of right diaphragmatic eventration associated with fetal hydrops <i>E. Tarim (Turkey)</i>	OP32.02
Laryngotracheoesophageal cleft and congenital diaphragmatic hernia: a rare association of two life-threatening anomalies <i>F. Gray (United States)</i>	OP32.03
Isolated ventriculocoronary fistula: prenatal diagnosis <i>M. Zamith (Brazil)</i>	OP32.04
Prenatal diagnosis of neonatal Marfan syndrome <i>D. Escribano (Spain)</i>	OP32.05
Prenatal diagnosis of Carpenter syndrome at 16 weeks: role of 3D ultrasound <i>G. Bekdache (United Arab Emirates)</i>	OP32.06
Subependymal heterotopia: US and MR diffusion tensor imaging <i>B. Matarrelli (Italy)</i>	OP32.07

Short oral presentations – Wednesday 21 September 2011

OP33: Assuring quality in ultrasound**Olympic 2***Chairs: C. Brezinka (Austria); T. Chudleigh (United Kingdom)*A different and even better way of doing your measures on 4D View software [^]

OP33.01

C. Simioni (Brazil)

The activities which make up a routine obstetric ultrasound examination

OP33.02

T. Chudleigh (United Kingdom)

Visibility and dimensions of caesarean section scars in pregnancy - an interobserver variability study

OP33.03

A. Smith (United Kingdom)

Sonographic findings on first trimester CRL growth by using maternal variables (BMI)

OP33.04

E. Ancuta (Romania)

The sonographic measurement of postpartum lower uterine segment thickness after intrauterine Bakri balloon tamponade

OP33.05

H. Kwon (Republic of Korea)

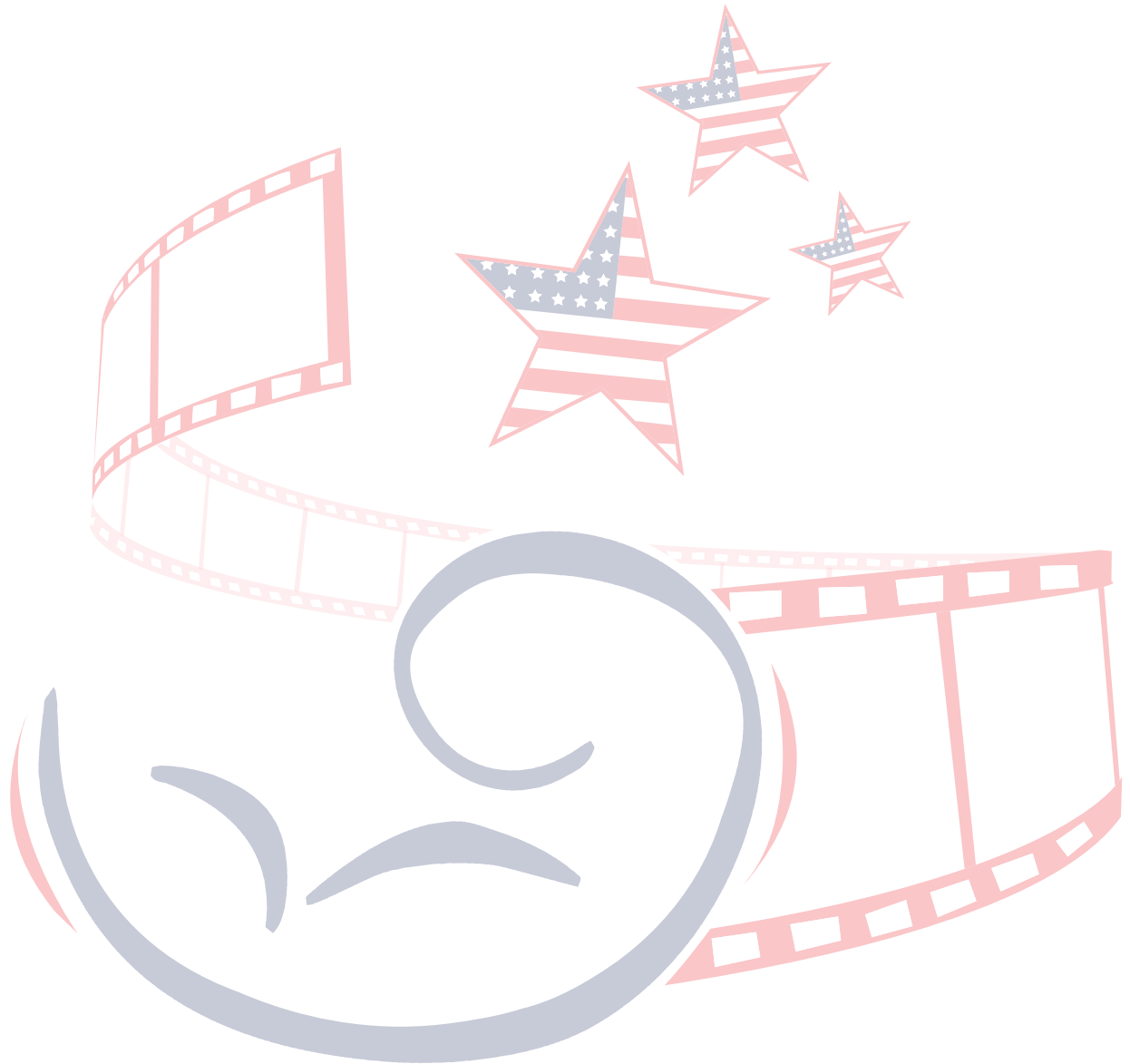
Where are the limits of accuracy for fetal weight estimation with two-dimensional parameters?

OP33.06

S. Kehl (Germany)

How is the orientation and magnitude of a CRL measurement used to estimate fetal gestation affected by ultrasound machines variability?

OP33.07

C. Lees (United Kingdom)[^] This abstract has been shortlisted as a finalist for the Alfred Kratochwil 3D abstract award. The winner will be announced at the closing ceremony.

Thursday 22 September - Program

MTP
\$35

07:15 - 07:55

Meet the Professor' sessions *(these are not part of the main program and must be booked – see program for details)*

Plenary

08:00 - 08:40

State of the art lecture *LA Room*

OC

08:40 - 09:55

Aneuploidy and fetal anomalies: second trimester *LA Room*

Imaging and urogynecology *Santa Monica*

Assessing fetal health *Beverly Hills*

OP

10:00 - 10:45

Urogynecology and pelvic floor *Santa Monica*

Detection of congenital cardiac defects *Olympic 2*

Fetal Doppler *Constellation*

Second trimester malformations *Westside*

Aneuploidy and fetal anomalies: first trimester II *Olympic 1*

OC

11:00 - 12:15

A mock trial: wrongful administration of Methotrexate with a subsequent fetal anomaly *LA Room*

Awards

12:15 - 12:30

Closing plenary: Presentation of awards & Welcome to Copenhagen! *LA Room*

Close

12:30 - 14:15

Lunch and closing drinks *California Lounge*

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Program – Thursday 22 September 2011

07:15 - 07:55 'Meet the professor' sessions

Entry to these sessions is NOT included in the Congress registration fee.

Tickets cost \$35 to include breakfast and can be booked at the registration desk if places are available.

You will receive a ticket as proof of your registration, which you will need for entry to the session.

Skeletal dysplasias <i>D. Krakow (United States)</i>	Constellation
Beyond the 4 chamber view: getting used to the outflow tract <i>G. DeVore (United States)</i>	Westside
Getting the most out of 3D volumes <i>L. Platt (United States)</i>	Olympic 1
How to diagnose and stage cervical cancer <i>D. Fischerova (Czech Republic)</i>	Olympic 2

08:00 - 08:40 State of the art lecture LA Room

08:00 Chair: *A. Tabor (Denmark)*
Ultrasound and ovarian cancer
D. Timmerman (Belgium)

08:40 - 09:55 Aneuploidy and fetal anomalies: second trimester LA Room

08:40 Chairs: *D. Krakow (United States); J. Hyett (Australia)*
Overview
D. Krakow (United States)

08:45 Live scan [supported by: Samsung Medison*]
L. Platt (United States)

09:00 The thymic-thoracic ratio: a simple quotient for detecting fetuses at high risk for microdeletion 22q11 OC28.01
R. Chaoui; K. Heling; A. Sarut Lopez; G. Thiel; K. Karl (Germany)

09:05 Discussion

09:08 BACs on beads: a clue to ultrasound findings OC28.02
L. Sonnier; T. Popowski; P. Bouhanna; L. Loeuillet; B. Leroy; F. Vialard; D. Molina-Gomes; J. Roume; J. Bault (France)

09:13 Discussion

09:16 Whole-genome SNP array analysis in routine prenatal diagnosis of chromosomal abnormalities - a one-year experience OC28.03
M. Hynek; M. Trkova; V. Becvarova; J. Horacek; M. Putzova; E. Kulovany; M. Matouskova; D. Smetanova; V. Krutikova; M. Hejtmankova; D. Raskova; E. Hlavova; D. Stejskal (Czech Republic)

09:21 Discussion

09:24 Isolated single umbilical artery: is it an indication for prenatal karyotyping? OC28.04
K. Yusupov; I. Ryabov (Russian Federation)

09:29 Discussion

09:32 Does serotonin transporter gene polymorphism influence the maternal psychological reaction shortly after sonographic detection of fetal anomaly? OC28.05
A. Kaasen¹; A. Helbig¹; A. Heiberg¹; K. Eiklid¹; T. Næs²; U. Malt¹; G. Haugen¹. ¹(Norway); ²(Denmark)

09:37 Discussion

09:40 Potential role and clinical impact of noninvasive prenatal testing by massively parallel DNA sequencing of maternal blood OC28.06
A. Sehner¹; L. Platt; A. Abuhamad; R. Rava (United States)

09:45 Discussion

09:48 Summary and close
D. Krakow (United States)

08:40 - 09:55 Imaging and urogynecology Santa Monica

08:40 Chairs: *J. Deprest (Belgium); D. Pretorius (United States)*
Overview
J. Deprest (Belgium)

08:45 What you need to know about pelvic floor anatomy
D. Pretorius (United States)

09:00 Live scan: Demonstrating the 4D view and pelvic floor oncology [supported by: Siemens*]
H. Dietz (Australia)

09:15 The association between stress urinary incontinence and perineal ultrasound parameters representing bladder neck mobility and hiatal dimensions OC29.01
A. Van Veelen; K. Schweitzer; H. Bontje; H. Van Der Vaart (Netherlands)

09:20 Discussion

09:23 Do women notice the effect of levator trauma? OC29.02
H. Dietz; S. Langer; K. Shek (Australia)

09:28 Discussion

09:31 [^] Does levator trauma 'heal'? OC29.03

* Scientific content of live scan sessions is defined by ISUOG. Ultrasound systems and technical support are provided by sponsors.

[^] This abstract has been shortlisted as a finalist for the Alfred Kratochwil 3D abstract award. The winner will be announced at the closing ceremony.

Program – Thursday 22 September 2011

09:36	K. Shek; V. Wong; S. Langer; <u>H. Dietz</u> (Australia)	
09:39	Discussion Risk factors for levator avulsion trauma in women with obstetric anal sphincter injuries <u>V. Eisenberg</u> ; S. Brecher; I. Yodfat; G. Bitman; R. Achiron; E. Schiff; M. Alcalay (Israel)	OC29.04
09:44	Discussion	
09:47	Should mesh be used with Anterior Colporrhaphy? V. Wong; K. Shek; A. Rane; J. Goh; <u>H. Dietz</u> (Australia)	OC29.05
09:52	Discussion	

08:40 - 09:55 Assessing fetal health Beverly Hills

08:40	<i>Chairs: P. Calda (Czech Republic); B. Thilaganathan (United Kingdom)</i> Assessing fetal health near term <u>B. Thilaganathan</u> (United Kingdom)	
09:00	Perinatal outcome of mildly decreased amniotic fluid index (AFI) in the early third trimester <u>K. Hashimoto</u> ; T. Kasdaglis; C. Sharoky; S. Jain; S. Turan; K. Atkins; J. Kopelman; C. Harman; A. Baschat (United States)	OC30.01
09:05	Discussion	
09:08	Discrepancy in Doppler waveforms between two umbilical arteries in high-risk pregnancies <u>J. Park</u> ; J. Jun; C. Park; J. Park; B. Yoon; H. Syn (Republic of Korea)	OC30.02
09:13	Discussion	
09:16	Cerebrouterine Doppler ratio: a predictor of third trimester stillbirth <u>T. Kasdaglis</u> ; S. Jain; C. Sharoky; A. Binstock; K. Hashimoto; K. Atkins; S. Turan; J. Kopelman; C. Harman; A. Baschat (United States)	OC30.03
09:21	Discussion	
09:24	Early treatment of gestational diabetes and obstetric adverse outcome prevention <u>B. Matarrelli</u> ; E. Vitacolonna; M. D'Angelo; G. Pavone; C. Celentano (Italy)	OC30.04
09:29	Discussion	
09:32	The value of fetal home monitoring in addition to routine ultrasound follow-up in pregnancies complicated by fetal gastroschisis M. Kuleva; N. Khen-Dunlop; G. Benoit; Y. Dumez; Y. Ville; <u>L. Salomon</u> (France)	OC30.05
09:37	Discussion	
09:40	Integrated surveillance predicts deterioration in fetal gastroschisis <u>T. Kasdaglis</u> ; C. Sharoky; S. Jain; K. Hashimoto; S. Turan; K. Atkins; J. Kopelman; C. Harman; A. Baschat (United States)	OC30.06
09:45	Discussion	
09:48	Summary and close <u>B. Thilaganathan</u> (United Kingdom)	

10:00 - 10:45 Short oral presentation (OP) sessions

OP34: Urogynecology and pelvic floor	Santa Monica
<i>Chairs: D. Pretorius (United States); H. Dietz (Australia)</i>	
OP35: Detection of congenital cardiac defects	Olympic 2
<i>Chairs: J. Carvalho (United Kingdom); J. Espinoza (United States)</i>	
OP36: Fetal Doppler	Constellation
<i>Chairs: E. Cosmi (Italy); D. Maulik (United States)</i>	
OP37: Second trimester malformations	Westside
<i>Chairs: D. Nyberg (United States); K. Baba (Japan)</i>	
OP38: Aneuploidy and fetal anomalies: first trimester II	Olympic 1
<i>Chairs: E. Merz (United States); L. Gindes (Israel)</i>	

10:30 - 11:00 Coffee and e-poster viewing California Showroom

11:00 - 12:15 A mock trial: wrongful birth LA Room

Chair and Clerk of the Court: L. Platt (United States)

Judge: J. Shwayder (United States)

Plaintiff Attorney: S. Loggans, Esq (United States)

Defense Attorney: D. O'Keefe, Esq (United States)

Expert witnesses: K. Barnhart (United States), G. Condous (United States), G. DeVore (United States), M. Porto (United States) & others TBC

11:00	Overview and explanation of the case
11:05	Opening statements from the attorneys
11:10	Expert witnesses in radiology, gynecology and perinatology; cross examination for the defence and plaintiff
12:00	Closing arguments
12:05	Audience vote and verdict; explanation of real case outcome

12:15 - 12:30 Closing ceremony LA Room

12:15	<i>Chairs: L. Platt (United States); A. Tabor (Denmark)</i> Presentation of award: Young Investigator award; Alfred Kratochwil 3D award; best presentations <u>E. Gratacós</u> (Spain)
12:25	Welcome to Copenhagen! <u>A. Tabor</u> (Denmark)

12:30 - 14:15 Lunch and closing drinks California Lounge

OP34: Urogynecology and pelvic floor

Santa Monica

Chairs: D. Pretorius (United States); H. Dietz (Australia)

Tomographic imaging of the pelvic floor in nulliparous women: limits of normality ^A <i>H. Dietz (Australia)</i>	OP34.01
Multicompartmental 3D ultrasonography of pelvic floor workshop (including endovaginal and endoanal) <i>S. Shobeiri (United States)</i>	OP34.02
III° or IV° in partum anal sphincter tears are a significant risk factor for levator ani trauma <i>S. Yagel (Israel)</i>	OP34.03
Determination of residual urine volume by translabial ultrasound <i>H. Dietz (Australia)</i>	OP34.04
Obstetric anal sphincter injury - how does a subsequent delivery affect long term outcome? <i>V. Eisenberg (Israel)</i>	OP34.05
The birthmark of instrumental deliveries <i>V. Eisenberg (Israel)</i>	OP34.06
Levator ani muscle injury after first delivery in Chinese primiparous women <i>S. Chan (Hong Kong)</i>	OP34.07
Building a wellness reference biometry of levator hiatus of Chinese women using 3D ultrasound imaging <i>J. Qin (China)</i>	OP34.08
Ultrasonographic scan evaluation of synthetic mesh used for vaginal cystocele repair comparing two techniques at 1 year follow up <i>E. Mousty (France)</i>	OP34.09
Rate of incontinence at long follow-up of women after III° and IV° in partum sphincter tears with normal ultrasound, are similar to women following normal delivery <i>S. Yagel (Israel)</i>	OP34.10

OP35: Detection of congenital cardiac defects

Olympic 2

Chairs: J. Carvalho (United Kingdom); J. Espinoza (United States)

Prenatal findings in fetuses diagnosed with isolated total anomalous pulmonary venous return <i>J. Stimmann (France)</i>	OP35.01
Prenatal detection of congenital heart defects is hampered by overweight and obesity: review on 19.687 pregnant women <i>A. Schroer (Germany)</i>	OP35.02
Fetal cardiac rhabdomyoma: short-term and long-term outcome <i>K. Lee (Republic of Korea)</i>	OP35.03
1st trimester detection of congenital heart defects during routine nuchal translucency screening: a prospective study <i>G. DeVore (United States)</i>	OP35.04
Accuracy of antenatal fetal cardiac diagnoses in a tertiary fetal medicine unit <i>D. Howe (United Kingdom)</i>	OP35.05
Detection of major fetal heart defects with routine use of colour Doppler <i>C. Heien (Norway)</i>	OP35.06
In vitro fertilization does not predict fetal diagnosis of congenital heart disease <i>J. Votava-Smith (United States)</i>	OP35.07
How good are we in prenatal diagnosis of congenital heart disease in Lebanon? <i>R. Abu-Rustum (Lebanon)</i>	OP35.08
Ultrasound diagnosis of fetal aortic arch anomalies <i>Y. Yuan (China)</i>	OP35.09
Pulmonary atresia/critical stenosis with intact ventricular septum: prediction of outcome in the second trimester of pregnancy <i>E. Gomez-Montes (Spain)</i>	OP35.10

OP36: Fetal Doppler

Constellation

Chairs: E. Cosmi (Italy); D. Maulik (United States)

Longitudinal changes in middle cerebral artery Doppler in fetuses requiring postnatal therapy of haemolytic disease <i>M. Pétroš (Czech Republic)</i>	OP36.01
Correlation between cerebral blood perfusion by fractional moving blood volume and the degree of fetal anemia in maternal red-cell alloimmunization <i>R. Cruz-Martinez (Spain)</i>	OP36.02
Time-related analysis of ductus venosus flow velocity waveforms in normal fetuses and intrauterine growth restriction <i>D. Tachibana (Japan)</i>	OP36.03
Fetal hepatic vascularization with three dimensional power doppler in intrauterine growth restricted fetuses <i>S. Molina (Colombia)</i>	OP36.04
Difference in pre-pregnancy arterial stiffness in women with previous severe pre-eclampsia/ IUGR and women with prior normal pregnancies <i>A. Mahendru (United Kingdom)</i>	OP36.05
Antenatal characteristics and indications for delivery in intermittent absent end diastolic velocity <i>J. Rosner (United States)</i>	OP36.06
A novel method of true global fetal perfusion measurement from three-dimensional color Doppler data with the PixelFlux-technique <i>T. Scholbach (Germany)</i>	OP36.07
Three dimensional cerebroplacental ratio (CPR 3DPDA): a proposal of a new parameter for the antenatal surveillance in IUGR fetuses <i>A. Rossi (Italy)</i>	OP36.08
Changes in amniotic fluid and umbilical cord serum proteomic profiles in fetuses with intrauterine growth restriction and Doppler velocimetry abnormalities <i>E. Cosmi (Italy)</i>	OP36.09

^A This abstract has been shortlisted as a finalist for the Alfred Kratochwil 3D abstract award. The winner will be announced at the closing ceremony.

Short oral presentations – Thursday 22 September 2011

Evaluation of fetal cerebral blood flow perfusion using power Doppler uUltrasound angiography (3D-PDA) in normal and growth-restricted fetuses (IUGR)
A. Rossi (Italy) OP36.10

OP37: Second trimester malformations

Chairs: D. Nyberg (United States); K. Baba (Japan)

Increasing diagnostic accuracy of facial cleft at anomaly scan using 2D ultrasound, correlation with chromosomal anomalies and feeding outcome - a 5 year audit
S. Gaur (United Kingdom) OP37.01

A comparison of 3D ultrasound and magnetic resonance imaging in 25 fetuses with suspected anomalies
H. Werner (Brazil) OP37.02

Primary or delayed omphalocele closure prediction in the second trimester of pregnancy
N. Peters (Netherlands) OP37.03

Multidisciplinary prediction on likelihood of primary closure for an omphalocele
N. Peters (Netherlands) OP37.04

The perinatal outcome of cleft lip/palate
H. Samarage (United Kingdom) OP37.05

Measurement of fetal urine production rate by three-dimensional ultrasonography in fetuses with congenital heart disease and hydronephrosis
J. Xie (China) OP37.06

Paternal psychological response shortly after ultrasonographic detection of structural fetal anomaly
A. Kaasen (Norway) OP37.07

Quality of three-dimensional (3D) volume datasets for examination of the fetal secondary palate at the midtrimester anatomy scan
W. Sepulveda (Chile) OP37.08

A score-based approach for prenatal staging of congenital diaphragmatic hernia
J. Stirnemann (France) OP37.09

OP38: Aneuploidy and fetal anomalies: first trimester II

Chairs: E. Merz (United States); L. Gindes (Israel)

A novel, simple technique for the diagnosis of micrognathia in the first-trimester: identification of the receding chin on the retronasal triangle (RNT) view
W. Sepulveda (Chile) OP38.01

Diagnostic techniques and criteria for first trimester conjoined twin evaluation
L. Baken (Netherlands) OP38.02

Outcome of fetal exomphalos diagnosed at 11-14 weeks of gestation
A. Khalil (United Kingdom) OP38.03

New aids to the prenatal diagnosis of thanatophoric dysplasia
A. Khalil (United Kingdom) OP38.04

Prognostic value of first trimester nuchal translucency in isolated congenital diaphragmatic hernia
J. Stirnemann (France) OP38.05

OEIS and LBWC, two distinct fetal anomalies or a spectrum of a common underlying pathway of pathogenesis
L. De Catte (Belgium) OP38.06

Intracranial translucency (IT) and posterior brain at 11-14 weeks in fetuses with opened spina bifida: an update
R. Chaoui (Germany) OP38.07

Abdominal wall defects: evaluation of 20 cases at a tertiary care center
E. Tarim (Turkey) OP38.08

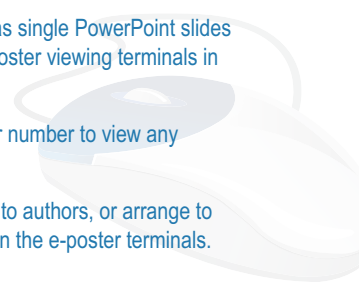


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Poster session		
P01	Advanced ultrasound and MRI evaluation of the CNS	Obstetrics
P02	Outcome and postnatal prognosis of CNS defects	
P03	Case reports in fetal neurosonography and CNS anomalies	
P04	Fetal heart	
P05	Case reports in fetal echocardiography and CHD	
P06	Aneuploidy and fetal anomalies: first trimester	
P07	Case reports in aneuploidy and fetal anomalies: first trimester	
P08	Aneuploidy and fetal anomalies: second trimester	
P09	Case reports in aneuploidy and fetal anomalies: second trimester	
P10	Fetal growth restriction	
P11	Case reports in diagnosing and managing fetal growth restriction	
P12	Fetal and maternal Doppler	
P13	Case reports in maternal fetal Doppler	
P14	Ultrasound in the third trimester and fetal surveillance	
P15	Case reports in the third trimester and fetal surveillance	
P16	Labour at term	
P17	Preterm labour and Caesarian section	
P18	Case reports in term and preterm labour	
P19	Multiple pregnancy	
P20	Case reports in multiple pregnancy	
P21	Fetal interventions	
P22	Case reports in fetal interventions	
P23	Imaging technologies	
P24	Case reports in imaging technology including MRI	
P25	Quality assurance	
P26	Case reports in the role of ultrasound in patient safety	
P27	Early pregnancy	
P28	Ovarian masses	
P29	Pelvic pain and endometriosis	
P30	Reproductive medicine	
P31	Abnormal uterine bleeding	
P32	Urogynecology and pelvic floor	
P33	Advances in imaging	
P34	Case reports in gynecology	

ISUOG

Education 2012

**Fetal anomalies & echocardiography:
advanced sonographic techniques**

Course directors:

*Rabih Chaoui (Germany), Dario Paladini (Italy),
Gianluigi Pilu (Italy), Yves Ville (France)*



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17 – 18 February 2012

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E-POSTERS

Electronic poster stations

P01: Advanced ultrasound and MRI evaluation of the CNS

The study of normal fetal cerebellum volume measured by using virtual organ computer aided analysis of three-dimensional ultrasound <i>X. Zuoping (China)</i>	P01.01
Gender differences in the foetuses with mega cisterna magna <i>G. Tao (China)</i>	P01.02
Would gestational age and the presence of brain anomalies affect inter-observer reliability of fetal head biometry? Using off-line analysis of 3D dataset <i>M. Salman (Egypt)</i>	P01.03
Challenges of posterior fossa anomalies: revised approach to increased pericerebellar fluid collections in the fetus <i>R. Palma-Dias (Australia)</i>	P01.04
Comparative evaluation of the fetal cisterna magna measurement by 2D ultrasonography and 3D eXtended Imaging (3DXI) <i>L. Bussamra (Brazil)</i>	P01.05
Combined imaging by specialized 2D/3D ultrasound and magnetic resonance in cases with abnormal cavum septi pellucidi (CSP) and corpus callosum (CC) <i>V. Frisova (Czech Republic)</i>	P01.06
Measuring the Sylvian fissure in the fetal brain during the normal pregnancy using 3-dimensional ultrasound <i>L. Gindes (Israel)</i>	P01.07
A clue to the pathogenesis of occipital encephalocele and a possible etiology <i>I. Solt (Israel)</i>	P01.08
Fetal intracranial translucency measurement using volume NT program by sonographers with different levels of experience <i>S. Park (Republic of Korea)</i>	P01.09
Neuroimaging parameters in early open spina bifida detection <i>S. Tudorache (Romania)</i>	P01.10
Correlation of fetal length and area of corpus callosum by 3D sonography with 2D biometric parameters <i>L. Bussamra (Brazil)</i>	P01.11
Reference ranges of fetal length and area of corpus callosum by three-dimensional ultrasonography <i>L. Nardoza (Brazil)</i>	P01.12
The accuracy of nuchal fold, cerebellum and cistern magna estimation using ultrasonography at 14-16 weeks of gestation <i>E. Ancuta (Romania)</i>	P01.13
Comparative evaluation of the fetal cerebellum measurement by 2D ultrasonography and 3D eXtended Imaging (3DXI) <i>L. Bussamra (Brazil)</i>	P01.14

P02: Outcome and postnatal prognosis of CNS defects

Prenatal diagnosis of rhombencephalosynapsis: case series with outcome <i>A. Kennedy (United States)</i>	P02.01
Is the prognosis of isolated agenesis of the corpus callosum good? <i>E. Hwang (Republic of Korea)</i>	P02.02
Outcome of antenatally diagnosed fetal arachnoid cyst <i>B. De Keersmaecker (Belgium)</i>	P02.03
Prenatal neurological level in myelomeningocele: a new tool to improve counselling? <i>E. Carreras (Spain)</i>	P02.04
Correlation of the ultrasound findings of the intracranial translucency to the physical specimens <i>I. Urbánková (Czech Republic)</i>	P02.05
Late diagnosis of fetal CNS anomalies <i>S. Lipitz (Israel)</i>	P02.06
Long-term neuro-developmental outcome of prenatally diagnosed isolated complete agenesis of the corpus callosum <i>B. Kang (Republic of Korea)</i>	P02.07
Prenatal diagnosis and outcome of dysgenesis of the corpus callosum <i>C. Hsieh (Taiwan)</i>	P02.08

P03: Case reports in fetal neurosonography and CNS anomalies

Prenatal imaging findings in PHACES syndrome <i>A. Kennedy (United States)</i>	P03.01
Outcome of antenatally diagnosed retinal detachment <i>B. De Keersmaecker (Belgium)</i>	P03.02
Mega cisterna magna in combination with cardiomyopathy and cutis laxa in two cases <i>A. Weichert (Germany)</i>	P03.03
A fetus with sirenomelia and a lumbosacral myelomeningocele: an uncommon association <i>S. Mann (United States)</i>	P03.04
Astrocytoma diagnosed in a fetus: a case report <i>M. Debska (Poland)</i>	P03.05
First trimester prenatal puncture of an arachnoid cyst: outcome and follow-up <i>G. Chalouhi (France)</i>	P03.06
A case of prenatal diagnosis of fetal dural sinus malformation: a rare intracranial cystic lesion <i>Y. Sato (Japan)</i>	P03.07
Enlarged intracranial translucency at the 11-13 weeks scan - a persisting Blake's pouch? <i>B. Pertl (Austria)</i>	P03.08
Double Occipital Cephalocele - Prenatal signs of good prognosis <i>S. Herbst (Brazil)</i>	P03.09

Electronic poster stations

- Two and three dimensional sonographic images of isolated partial agenesis of corpus callosum P03.10
K. Leung (Hong Kong)
- Three dimensional extended imaging in the prenatal diagnosis of Galen vein aneurism: a case report P03.11
S. Molina (Colombia)
- Posterior fossa arachnoid cyst: value of mid-sagittal view of the vermis P03.12
K. Fong (Canada)
- P04: Fetal heart**
- Aberrant right subcalvian artery: prenatal diagnostic - routine exam or challenge? P04.01
G. Iliev (Romania)
- Characteristics and outcomes in fetuses with Ebstein's anomaly or pulmonary atresia with intact ventricular septum P04.02
H. Lee (Republic of Korea)
- Fatal cardiac diverticulum and ventricular aneurysm: four cases report diagnosed by 4D-Ultrasound STIC and literature review P04.03
J. Xie (China)
- Comparison of fetal echocardiographic characteristics and pathological findings about fetal cardiac complex malformation P04.04
Y. He (China)
- The demonstration of the fetal arterial and venous system applying STIC combined with HDF: a feasibility study P04.05
Y. He (China)
- Reproducibility of the measurements determined by multiplanar method and rendering mode of fetal cardiac examination using STIC P04.06
C. Simioni (Brazil)
- Comparison between the left and the right ventricular myocardial performance in normal fetuses by using vector velocity imaging P04.07
A. Tajima (Japan)
- Tricuspid and mitral area measurement and correlation with the fetal biometric parameters P04.08
L. Nardozza (Brazil)
- Reference values for the right Mod-MPI (modified myocardial performance index) in normal fetuses within an Australian population P04.09
N. Meriki (Saudi Arabia)
- P05: Case reports in fetal echocardiography and CHD**
- Uhl's anomaly: prenatal diagnosis at 20 weeks gestation P05.01
Y. Derbala (Egypt)
- Prenatal ultrasound diagnosis of MYH7 noncompaction cardiomyopathy P05.02
T. Cohen-Overbeek (Netherlands)
- Ultrasound prenatal diagnosis of Pompe disease: Is it possible? P05.03
G. Haddad (France)
- Holmes heart - always easy to diagnose antenatally? P05.04
J. Weichert (Germany)
- Idiopathic dilatation of the right atrium (IDRA): antenatal appearance and postnatal management of a rare finding P05.05
R. Lachmann (Germany)
- Prenatal diagnosis of a pulmonary arteriovenous malformation P05.06
S. Yagel (Israel)
- Fetal cardiac tumours in twin pregnancy using 4D echocardiography P05.07
M. Machado (Brazil)
- Isolated right diaphragmatic hernia mimicking congenital heart disease in utero P05.08
G. Bekdache (United Arab Emirates)
- Echocardiographic assessment of isolated TAPVD (IIb) using STIC P05.09
K. Yoshikoshi (Japan)
- P06: Aneuploidy and fetal anomalies: first trimester**
- Impact of universal prenatal screening program for Down syndrome in a local obstetric unit in Hong Kong P06.01
K. Leung (Hong Kong)
- Introduction of ultrasound for nuchal translucency (NT) as part of combined screening test (CST): impact on local practice P06.02
M. Mohan (United Kingdom)
- Establishment of a first trimester screening service in Brazil: first impressions P06.03
P. Nowak (Brazil)
- Fetal nuchal translucency in 26912 uncomplicated pregnancies in Saint Petersburg, Russia P06.04
I. Chubkin (Russian Federation)
- Learning curve for nuchal translucency measurement by semi-automated and manual methods P06.05
V. Borobio (Spain)
- Quality control for nuchal translucency measurements based on a mixture model P06.06
A. Serrano (Spain)
- Effect of maternal age on patient choice for first trimester screening for chromosomal abnormalities on a private Fetal Medicine Unit in Brazil P06.07
C. Drummond (Brazil)
- A comparison of first trimester 3D multiplanar sonography in the obese and non-obese population P06.08
A. Spencer (United States)
- The correlation between random-sagittal nuchal volume measurement from three-dimensional ultrasound and nuchal translucency thickness P06.09
S. Armartasn (Thailand)
- Characteristics of 11-14 week scan and maternal serum biochemical markers for fetal aneuploidy in pregnancy with fetal macrosomia at term P06.10
Y. Sohn (Republic of Korea)

Electronic poster stations

Normative values of fetal nasal bone lengths of Turkish singleton pregnancies in first trimester <i>R. Bayik (Turkey)</i>	P06.11
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The conservative management of heterotopic pregnancy: four cases with ultrasonographically guided KCl injection of cornual pregnancy	P22.13
<i>H. Park (Republic of Korea)</i>	
Non-immune hydrops fetalis and inborn errors of metabolism (IEM): Niemann-Pick Type C	P22.14
<i>J. Smoleniec (Australia)</i>	

P23: Imaging technologies

Assessment of renal volume by three-dimensional ultrasonography in pregnant bitches	P23.01
<i>L. Nardoza (Brazil)</i>	
The fetal larynx and pharynx - anatomy and development	P23.02
<i>S. Yagef (Israel)</i>	
Biometry of the fetal larynx and pharynx in the 2nd trimester of pregnancy with 3D ultrasound acquired images	P23.03
<i>S. Yagef (Israel)</i>	
4D ultrasound of tongue movements during breast-feeding - would the findings lead to prenatal studies?	P23.04
<i>J. Deng (United Kingdom)</i>	
Fetal MRI depiction of chest masses	P23.05
<i>S. Laifer-Narin (United States)</i>	
Fibrochondrogenesis: prenatal 3D sonographic features	P23.06
<i>G. Bekdache (United Arab Emirates)</i>	
Correlation of long bone measurements using two- and three-dimensional ultrasound	P23.07
<i>S. Chung (Republic of Korea)</i>	
The petrous part of the temporal bone as demonstrated by ultrasound between 14 to 40 weeks of gestation	P23.08
<i>M. Odeh (Israel)</i>	

Electronic poster stations

Correlation of fetal thigh and upper-arm volumes by 3D-sonography with 2D-biometric parameters <i>L. Nardoza (Brazil)</i>	P23.09
Rule of three: a systematic method of performing a thorough obstetric ultrasound examination <i>I. Suresh (India)</i>	P23.10
Comparison between bidimensional sonography and three dimensional power Dopple angiography (VOCALTM) for assessment of fetal renal blood flow in normal gestation <i>A. Rossi (Italy)</i>	P23.11
MRI evaluation of acute maternal abdominopelvic pain - nonobstetric maternal emergencies <i>S. Laifer-Narin (United States)</i>	P23.12
Magnetic resonance fetal lung volumetry for predicting postnatal short-term outcome in congenital left diaphragmatic hernia <i>N. Hidaka (Japan)</i>	P23.13
Remote ultrasound diagnosis of fetal cardiac abnormality using real-time high quality digital video transport system <i>M. Suzuki (Japan)</i>	P23.14
Fetal MRI of abnormalities of the genitourinary system <i>S. Laifer-Narin (United States)</i>	P23.15

P24: Case reports in imaging technology including MRI

Fetal hypothalamic hamartoma with suprasellar arachnoid cyst <i>P. Tang (Singapore)</i>	P24.01
3DXI in the prenatal diagnosis of massive congenital retro-orbital teratoma with intracranial and face extension: a case report <i>S. Molina (Colombia)</i>	P24.02
Fetal cardiac rhabdomyomas: MRI and tissue Doppler imaging <i>B. Matarrelli (Italy)</i>	P24.03
B-cell Lymphoma of urinary bladder in pregnancy <i>M. Mohan (United Kingdom)</i>	P24.04
3D inversion technique for evaluation of fetal lower urinary tract obstruction <i>A. Jadhav (United States)</i>	P24.05
Prenatal diagnosis of bilateral porencephaly <i>S. Crimmins (United States)</i>	P24.06
Prenatal diagnoses of an epignathus <i>P. Nowak (Brazil)</i>	P24.07
Second trimester cystic hygroma and MRI assisted clinical management a case report <i>J. Alves (Portugal)</i>	P24.08
The role of computed tomography in the investigation of stillbirth due to congenital malformation <i>K. O'Donoghue (Ireland)</i>	P24.09
The benefit of 3D-power Doppler compare with MRI on the placenta accrete/previa <i>R. Oyama (Japan)</i>	P24.10
Mediastinal linfangioma: importance of MRI in prenatal differencial diagnosis <i>M. Zamith (Brazil)</i>	P24.11
Use of prenatal ultrasound and MRI to aid in the diagnosis of a complex renal anomaly <i>S. Mann (United States)</i>	P24.12
Fetal facial tumors <i>G. Bekdache (United Arab Emirates)</i>	P24.13
Congenital cystic adenomatoid malformation of the lung, type I: a case report <i>T. Guerrero (Spain)</i>	P24.14
A large amniocele with protruded umbilical cord diagnosed by 3D ultrasound and CT <i>S. Kim (Republic of Korea)</i>	P24.15

P25: Quality assurance

Evaluation of ultrasound training in Ob/Gyn residency programs in Lebanon <i>R. Abu-Rustum (Lebanon)</i>	P25.01
How do different ultrasound machines affect fetal gestation estimations from gestation sac measurements? <i>C. Lees (United Kingdom)</i>	P25.02
Antenatal prediction and maternal morbidity of adhesive placenta occurred in placenta previa <i>Y. Kim (Republic of Korea)</i>	P25.03
Routine ultrasound in low risk pregnancy collaborates with the reduction of maternal and neonatal mortality? <i>C. Simioni (Brazil)</i>	P25.04
Uterine artery embolization in the management of obstetric hemorrhage <i>T. Park (Republic of Korea)</i>	P25.05

P26: Case reports in the role of ultrasound in patient safety

Sonographic documentation of prenatal regression of cervical cystic lymphangioma <i>P. Bouhanna (France)</i>	P26.01
Successful conservative management of tubal pregnancy with ultrasound-guided intraamniotic methotrexate injection : two case reports <i>S. Kim (Republic of Korea)</i>	P26.02
Voluminous uterine fibroids associated pregnancy resolved with conservative surgery <i>C. Petru (Romania)</i>	P26.03
Sonographic visualization of postpartum maternal aortic dissection. A lifesaving diagnosis <i>M. Yamamoto (Chile)</i>	P26.04

Electronic poster stations

P27: Early pregnancy

Why are some ectopic pregnancies characterized as pregnancies of unknown location at the initial transvaginal ultrasound examination? 3-D volumetric transvaginal evaluation of the ectopic pregnancy mass	P27.01
<i>S. Winder (Australia)</i>	
Reproductive outcome in women with incidental diagnosis of septate uterus at viability scan	P27.02
<i>F. De Musso (Italy)</i>	
Outcome of the 1st trimester of intrauterine pregnancies of uncertain viability (IPUVIs)	P27.03
<i>S. Reid (Australia)</i>	
Do intrauterine pregnancies of uncertain viability becoming viable after the 1st ultrasound behave differently to initially viable intrauterine pregnancies?	P27.04
<i>S. Reid (Australia)</i>	
Adjunctive use of three-dimensional imaging in assessment of early embryonic demise	P27.05
<i>J. Weichert (Germany)</i>	
Prediction of ectopic pregnancy with transvaginal Doppler ultrasonography based on multivariate logistic model	P27.06
<i>Z. Chen (China)</i>	
Intrauterine pregnancy of uncertain viability: what influences outcome of the first trimester?	P27.07
<i>S. Reid (Australia)</i>	
Serial β hCG levels - 48 hours plus or minus how long?	P27.08
<i>I. Siddiq (United Kingdom)</i>	
New logistic regression model compared to the type of miscarriage alone for the prediction of successful expectant management of miscarriage	P27.09
<i>I. Casikar (Australia)</i>	
Expectant management of acquired post abortion high velocity uterine arteriovenous shunt	P27.10
<i>S. Degani (Israel)</i>	
Demographic characteristics and pregnancy outcome among patients with recurrent pregnancy losses and abnormal uterine anatomy findings	P27.11
<i>D. Bashiri (Israel)</i>	
Interobserver variability, diagnostic accuracy in PUL & ectopic pregnancy using off-line analysis of 3-D ultrasound volumes	P27.12
<i>S. Winder (Australia)</i>	
A new mathematical model for the prediction of successful expectant management of first trimester miscarriage	P27.13
<i>I. Casikar (Australia)</i>	
Is there a relationship between the trophoblastic volume of the ectopic pregnancy mass on 3-D volumetric evaluation and the absolute level of serum human chorionic gonadotrophin?	P27.14
<i>S. Winder (Australia)</i>	
Is there a correlation between aberrant crown-rump length (CRL) growth velocities and subsequent birth weights?	P27.15
<i>M. Mongelli (Australia)</i>	
Re-inventing the wheel - what hCG change over 48 hours reliably predicts pregnancy outcome?	P27.16
<i>S. Merritt (United Kingdom)</i>	
Ovulation-implantation interval in relation to previous obstetric history	P27.17
<i>A. Mahendru (United Kingdom)</i>	
Is there a correlation between crown-rump length determined by menstrual dates and subsequent birthweights? A cross-sectional analysis	P27.18
<i>M. Mongelli (Australia)</i>	
Appropriate ultrasound case selection and follow-up in medical management of miscarriage (MMOM)	P27.19
<i>S. Mohan (United Kingdom)</i>	
Role of 3D transvaginal scan in the diagnosis of ectopic pregnancies in different locations	P27.20
<i>P. Sinha (United Kingdom)</i>	
Reproductive history of long-term female survivors of Hodgkin's lymphoma	P27.21
<i>A. Li (United States)</i>	
Normal values of the embryo volume and yolk sac volume using three-dimensional transvaginal ultrasound	P27.22
<i>Y. Kim (Republic of Korea)</i>	

P28: Ovarian masses

The pre-operative diagnosis of different secondary ovarian cancer is related to the origin of the primary tumor	P28.01
<i>S. Guerriero (Italy)</i>	
Inter-observer reproducibility of GI-RADS reporting system for adnexal masses using three-dimensional volume off-line analysis	P28.02
<i>J. Alcazar (Spain)</i>	
Ovarian torsion in pregnancy: ultrasound characteristics and histopathology	P28.03
<i>J. Chan (United States)</i>	
Reproducibility of color flow location and color score in operators with different degree of experience using virtual navigation of 3D volumes	P28.04
<i>S. Guerriero (Italy)</i>	
Three-dimensional power Doppler angiography (3DPD) in adnexal masses: re-analysis of prospective collected data	P28.05
<i>J. Alcazar (Spain)</i>	
Incidence and regression of haemorrhagic ovarian cysts	P28.06
<i>M. Pascual (Spain)</i>	
The importance of papillary projection in a small unilocular-solid cyst	P28.07
<i>S. Giunchi (Italy)</i>	
Blood flow velocimetry in metastatic ovarian tumors in comparison to primary ovarian tumors	P28.08
<i>R. Hershkovitz (Israel)</i>	
Quantifying extension and prediction of cytoreduction in ovarian cancer using subjective evaluation of ultrasound findings	P28.09
<i>E. Ancuta (Romania)</i>	

Electronic poster stations

P29: Pelvic pain and endometriosis

- Comparative study between ultrasound and magnetic resonance imaging of the pelvis in the deep endometriosis
H. Werner (Brazil) P29.01
- Doppler sonography peculiarities of uterus tissual blood flow of patients sonography with adenomyosis treated with steroid hormonal therapy
T. Makukhina (Russian Federation) P29.02
- Ultrasonography in deep endometriosis: a consensus opinion from the International Deep Endometriosis Analysis (IDEA) group. A preliminary statement
S. Guerriero (Italy) P29.03
- Reproducibility and comparison of two different methods for performing mean gray value evaluation of cystic content in endometriomas using VOCAL
S. Guerriero (Italy) P29.04
- Two-year outcome of MRgFUS treatment of adenomyosis
H. Fukunishi (Japan) P29.05
- Pelvic pain- pressure on our gynaecological services?
S. Muhammad (United Kingdom) P29.06

P30: Reproductive medicine

- Determining the temporal effect of ovulation on uterine artery blood flow in women with regular menstrual cycles
S. Sur (United Kingdom) P30.01
- The use of gel-foam to evaluate tubal patency: a pilot study
T. Van den Bosch (Belgium) P30.02
- Localization of essure microinserts with 3d transabdominal ultrasound after hysteroscopic sterilization
P. Bouhanna (France) P30.03
- Sonographic dynamics of the cervix during spontaneous and induced ovarian cycles
M. Abdel-Aleem (Egypt) P30.04
- Diagnostic accuracy of sonohysterography in detection of intrauterine lesions in infertile patients
M. Nik Nejadi (Islamic Republic of Iran) P30.05
- Standardized 3D acquisition for the assessment of the ovarian follicle
P. Bouhanna (France) P30.06
- Clinical outcomes of IVF-ET treatment in infertile patients with polycystic ovary syndrome or polycystic ovaries
H. Makuli (The Former Yugoslav Republic of Macedonia) P30.07
- Three dimensional sonographic evaluation of septate uterus after hysteroscopic metroplasty: correlation with pregnancy outcome
C. Ionescu (Romania) P30.08
- Three-dimensional ultrasound in diagnosis of unicornuate uterus
L. Hereter (Spain) P30.09
- The spiral artery sonographic parameters in assessing endometrial receptivity in infertile women taking low-dose aspirin
S. Wozniak (Poland) P30.10
- The effects of electromagnetic field (EMF) on ovary in rat
A. Khaki (Germany) P30.11
- Spatio-temporal image correlation (STIC) using high definition flow (HDF) for assessing ovarian vascularization: An inter-observer reproducibility analysis
J. Alcazar (Spain) P30.12
- Ultrasound guided hysteroscopic surgery: a novel approach in complex uterine reproductive surgery
J. Levillant (France) P30.13

P31: Abnormal uterine bleeding

- Vascularization flow index as a predictor of uterine fibroid volume reduction after uterine artery embolization
P. Szkodziak (Poland) P31.01
- Can ultrasound predict successful hysteroscopic resection of submucosal fibroids?
N. Page (United Kingdom) P31.02
- Pipelle endometrial assessment: how effectively does it yield a diagnosis?
A. Dutta (United Kingdom) P31.03
- Evaluation of the transcatheter arterial infusion of CDDP as neoadjuvant chemotherapy for cervical cancer by MRI and its prognosis
T. Waseda (Japan) P31.04
- Hysteroscopic approach of submucosal fibroids
A. Ursuleanu (Romania) P31.05
- Endometrial thickness measurement for detection of endometrial cancer in premenopausal and postmenopausal Taiwanese women
B. Cheng (Taiwan) P31.06
- Bleeding in postmenopause - one day clinic evaluation
I. Ceausu (Romania) P31.07
- Transvaginal ultrasound evaluation of long-term endometrial thickness evolution in patients treated with tamoxifen
L. Hereter (Spain) P31.08

P32: Urogynecology and pelvic floor

- Prevalence of major abnormalities of levator ani in women with moderate symptomatic prolapse
K. Dlouha (Czech Republic) P32.01
- Episiotomy does not prevent pelvic floor damage during delivery
E. Irina (Turkey) P32.02

Electronic poster stations

Assessment of pelvic floor by 3D-ultrasound in primiparous women in different types of delivery: initial experiment from a single reference service in Brazil <i>R. Ximenes (Brazil)</i>	P32.03
Can transperineal ultrasound assist in the evaluation of women following colpocleisis? <i>V. Eisenberg (Israel)</i>	P32.04
Area of pubovisceral muscle and levator hiatus by 3D translabial ultrasound in runner women: preliminary results <i>L. Nardoza (Brazil)</i>	P32.05
3D endovaginal ultrasound imaging of vaginal masses <i>S. Shobeiri (United States)</i>	P32.06
Can the levator hiatus be reduced surgically? <i>H. Dietz (Australia)</i>	P32.07
P33: Advances in imaging	
Can fibroids be demonstrated on 3-dimensional elastography? <i>E. Neale (United Kingdom)</i>	P33.01
Interobserver agreement on reporting breast density using extended view ultrasound imaging (XTD-view) <i>D. Prete (Brazil)</i>	P33.02
Researching female malignancies via ISUOG 2010 guidelines <i>E. Domali (Greece)</i>	P33.03
Non-gynaecological pathology diagnosed with transvaginal ultrasound (TVU) <i>L. Bonino (Italy)</i>	P33.04
Effects of the breast ultrasound types for detection of mammary lesion in females <i>D. Zhang (China)</i>	P33.05
Application of contrast-enhanced ultrasound in diagnosis of uterine cavity abnormalities <i>J. Weijing (China)</i>	P33.06
Evaluation of ovarian vascularization in the diagnosis of polycystic ovary syndrome by three-dimensional power Doppler ultrasonography <i>H. Park (Republic of Korea)</i>	P33.07
Elastography as a selecting tool for the endometrial biopsy in perimenopausal women with a suspicion of the endometrial hyperplasia <i>K. Preis (Poland)</i>	P33.08
Vasculogenic mimicry, microvessel density, three-dimensional high-definition color Doppler flow assessment in malignant ovarian tumors: a preliminary experience <i>A. Czekierdowski (Poland)</i>	P33.09
ImageJ system: a novel technique to identify cervical lesions <i>E. Domali (Greece)</i>	P33.10
Study of ultrasound-targeted microbubble destruction associated with RNA: techniques to induce cervical cancer cell apoptosis and inhibit proliferation in vivo <i>Z. Chen (China)</i>	P33.11
P34: Gynecology case reports	
Secondary tubal haemorrhage in an abdominal ectopic pregnancy <i>O. Thompson (United Kingdom)</i>	P34.01
A case of congenital toxoplasmosis stillbirth diagnosed at ultrasonography and at autopsy finally with the incidence of congenital toxoplasmosis stillbirth calculated from the autopsy database and vital statistics <i>T. Hoshino (Japan)</i>	P34.02
An unusual presentation of ectopic pregnancy following IVF - Ovarian ectopic pregnancy with Normal β HCG <i>S. Singh (United Kingdom)</i>	P34.03
Successful pregnancy post laparoscopic management of adnexal torsion at 7 weeks of pregnancy and luteal corpus removed <i>J. Alves (Brazil)</i>	P34.04
Intraoperative use of ultrasound for assisting the diagnosis and management of localised uterine adenomyoma <i>M. Mohan (United Kingdom)</i>	P34.05
Difficulties in the diagnosis of a large intramyometrial abscess <i>A. Kuah (Singapore)</i>	P34.06
Diagnosis of a communicating, non-functioning, rudimentary uterine horn with hysterosonography and 3D ultrasound <i>A. Emmi (United States)</i>	P34.07
Leiomyoma and adenomyosis lesions appearing malignant in young patient <i>E. Domali (Greece)</i>	P34.08
The use of three dimensional (3D) ultrasound in early diagnosis of sextuplet pregnancy <i>E. Zohav (Israel)</i>	P34.09
Diagnosics and treatment of uterine artery pseudoaneurysm, appeared after artificial abortion: a case report <i>L. Teregulova (Russian Federation)</i>	P34.10
Endometriosis in posterior fornix of the vagina diagnosed by transvaginal ultrasonography by free hand real-time elastography: a case report <i>S. Wozniak (Poland)</i>	P34.11
The use of laparoscopic ultrasound in an unusual case of bilateral ectopic pregnancies: a case report <i>A. Wong (Hong Kong)</i>	P34.12

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Exhibition & sponsorship

Satellite symposia

Room	Monday 19 September	Tuesday 20 September	Wednesday 21 September
LA Room	 <p>GE Healthcare</p> <p>Satellite symposium 13:10 - 14:10</p>	 <p>SIEMENS</p> <p>Satellite symposium 13:10 - 14:10</p>	 <p>SAMSUNG MEDISON</p> <p>Satellite symposium 13:10 - 14:10</p>

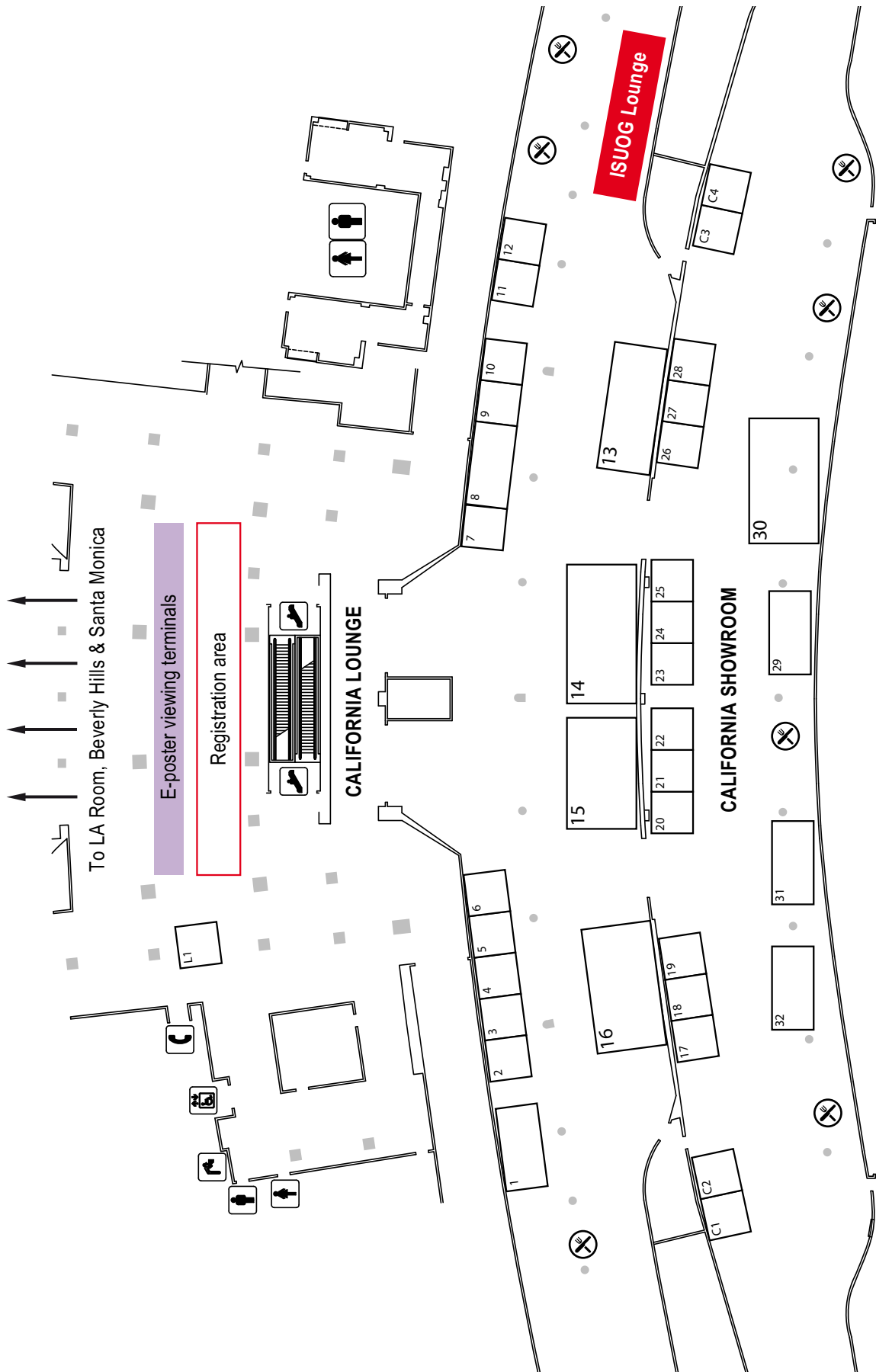
Hospitality suites

Room	Monday 19 September	Tuesday 20 September	Wednesday 21 September
Plaza Pavilion (Plaza level)	 <p>GE Healthcare</p>	<p>GE Healthcare</p> <p>VolusonClub lounge & hospitality room (don't forget your VolusonClub member card)</p>	
Pacific Palisades room (California Level)	 <p>SAMSUNG MEDISON</p>	<p>Samsung Medison</p> <p>Hospitality & demonstration sessions</p>	
Brentwood room (California Level)	 <p>SIEMENS</p>	<p>Siemens Medical</p> <p>Hospitality & demonstration sessions</p>	
Westwood room (California Level)	 <p>Verinata Health</p> <p>Hospitality & demonstration sessions</p>	 <p>PHILIPS sense and simplicity</p> <p>Philips Healthcare</p> <p>Hospitality & demonstration sessions</p>	 <p>TOSHIBA Leading Innovation >>></p> <p>Toshiba Medical Systems</p> <p>Hospitality & demonstration sessions</p>

Exhibition opening times

Room	Sunday	Monday	Tuesday	Wednesday
California Showroom	16:00 - 16:50	10:00 - 17:00	10:00 - 17:00	10:00 - 17:00





Exhibitor floor plans






Exhibitor listing

Company	Stand no.
American Institute of Ultrasound in Medicine (AIUM)	18
The American Registry for Diagnostic Medical Sonography (ARDMS)	17
astraia software gmbh	25
Center for Fetal Diagnosis & Treatment at The Children's Hospital of Philadelphia	32
CHISON Medical Imaging Co.,Ltd	09
CIVCO Medical Solutions	06
CombiMatrix Diagnostics	12
ContextVision	07
Cook Medical	03
Digisonics	10
Elsevier	TBC
Fetal Medical Foundation (FMF)	28
Future meetings	California Showroom
GE Healthcare	16
Genzyme genetics	20
Hitachi Aloka Medical	31
ISUOG	ISUOG Lounge, California Showroom
Karl Storz GmbH & Co. KG	11
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Toshiba America Medical Systems	30
Trig Medical Inc	23
Ultrasound Manager	26
Vasa Previa	22
Verinata Health Inc	04
Vision Chips, Inc.	19
Watson Pharma, Inc.	21
Wiley Blackwell	ISUOG Lounge, California Showroom
ZONARE Medical Systems, Inc.	02

Hospitality suites

Room	Monday 19 September	Tuesday 20 September	Wednesday 21 September
Plaza Pavillion (Plaza level)	<p style="text-align: center;">GE Healthcare</p> <p style="text-align: center;">VolusonClub lounge & hospitality room</p> <p style="text-align: center;">Visit the GE Pavilion to experience today's Voluson and ViewPoint innovations. You can attend educational seminars, learn about Voluson and ViewPoint recent enhancements, and see GE newest imaging product Vcsan. GE Voluson customers are also invited to attend the VolusonClub where you can relax, browse the internet and network with colleagues.</p>		
Pacific Palisades room (California Level)	 <p style="text-align: center;">Samsung Medison</p> <p style="text-align: center;">Hospitality & demonstration sessions</p>		
	<p style="text-align: center;">Smart tool and imaging in fetal echocardiography</p> <p>10:30 – 11:00 Application of 3CXI Multi-Slice View in Fetal Echocardiography <i>J. Carvalho (United Kingdom)</i></p> <p>15:30 – 16:00 Fetal echocardiography: A review of standard techniques and new trends <i>L. Cohen (United States)</i></p>	<p style="text-align: center;">Smart tool and imaging in gynecology</p> <p>10:30 – 11:00 Elastography for Cervix in pre-term labour <i>K. Preis (Poland)</i></p> <p>15:30 – 16:00 Noble uses of 3D ultrasound in Gynecology <i>G. Condous (Australia)</i></p>	<p style="text-align: center;">Smart tool and imaging in obstetrics</p> <p>10:30 – 11:00 The first trimester assessment: VolumeNT & IT <i>W. Sepulveda (Chile)</i></p> <p>15:30 – 16:00 Using 3D ultrasound to help define fetal dysmorphism <i>J. Hyett (Australia)</i></p> <p style="text-align: center;">Spanish Seminars</p> <p>16:05 – 16:10 Discurso de apertura</p> <p>16:10 – 16:30 Uso del ultrasonido tridimensional en diagnóstico prenatal <i>D. Cafici (Buenos Aires)</i></p> <p>16:30 – 16:50 La evaluación del primer trimestre: VolumeNT & IT <i>W. Sepulveda (Chile)</i></p> <p>16:50 – 17:00 Discusión</p>
Brentwood room (California Level)	<p style="text-align: center;"></p> <p style="text-align: center;">Siemens Medical</p> <p style="text-align: center;">Hospitality & demonstration sessions</p> <p>Siemens will be offering live scanning demonstrations (including 3D scans) in their hospitality suite throughout the congress.</p> <p>Please visit the Siemens booth no. 15 in the California showroom to make an appointment or come to the Brentwood room during coffee and lunch breaks.</p>		
Westwood room (California Level)	 <p style="text-align: center;">Philips Healthcare</p> <p style="text-align: center;">Hospitality & demonstration sessions</p>		
	<p style="text-align: center;"></p> <p style="text-align: center;">Verinata Health</p> <p style="text-align: center;">Hospitality & demonstration sessions Private event hosted by Verinata Health</p>	<p>Live scanning with experts using xMATRIX technology, on Tuesday, Sept 20th only. Please make an appointment at the Philips booth.</p>	<p style="text-align: center;">TOSHIBA</p> <p style="text-align: center;">Leading Innovation >>></p> <p style="text-align: center;">Toshiba Medical Systems</p> <p style="text-align: center;">Hospitality & demonstration sessions</p> <p>10:30 - 11:00 Live scanning Sonographic evaluation of fetal facial clefts <i>L. Wilhelm (Germany)</i></p> <p>13:00 - 14:00 Live scanning State of the art in fetal imaging 2D and volumetric imaging</p> <p>15:30 - 16:00 Clinical cases Advanced 3D imaging of the uterine cavity with Fly Thru <i>B. Smith (United Kingdom)</i></p> <p>Outside of Congress breaks you can make an appointment for a practical demonstration in the hospitality suite. Please visit our booth.</p>

Satellite Symposia

Room	Monday 19 September	Tuesday 20 September	Wednesday 21 September
LA Room	 <p>Satellite symposium 13:10 - 14:10</p>	 <p>Satellite symposium 13:10 - 14:10</p>	 <p>Satellite symposium 13:10 - 14:10</p>
	<p>Ultrasound Re-imagined - Experience the next generation extraordinary vision</p> <p>Fetal Echo in the First Trimester <i>A. Abuhamad (USA)</i></p> <p>HD Live Experience <i>B. Benoit (Monaco)</i></p>	<p>Pioneering ultrasound in fetal brain imaging <i>A. Kennedy (United States)</i></p> <p>Come join Siemens for discovery of fetal brain development through ultrasound. Dr. Kennedy will show how fetal ultrasound can now show structures previously only seen on adult MRI. She will also address developmental milestones and show examples of compelling pathology.</p>	<p>Smart Tools and Imaging in Obstetrics and Gynecology</p> <p>13:10 – 13:15 Opening speech</p> <p>13:15 – 13:30 Elastography for gynecology in endometrial pathology <i>K. Preis (Poland)</i></p> <p>13:30 – 13:50 The first trimester assessment: VolumeNT & IT <i>W. Sepulveda (Chile)</i></p> <p>13:50 – 14:10 Using 3D ultrasound to help define fetal dysmorphism <i>J. Hyett (Australia)</i></p>

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Exhibitor profiles

American Institute of Ultrasound in Medicine (AIUM) **Stand no: 18**

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The American Institute of Ultrasound in Medicine is a multidisciplinary association dedicated to advancing the safe and effective use of ultrasound in medicine through professional and public education, research, development of guidelines, and accreditation. AIUM's membership consists of more than 8960 physicians, sonographers, scientists, students, and other health care providers. Membership benefits include the *Journal of Ultrasound in Medicine*, free CMEs, and multiple educational opportunities through its convention, postgraduate courses, webinars, and online resources.

The American Registry for Diagnostic Medical Sonography (ARDMS) **Stand no: 17**

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The American Registry for Diagnostic Medical Sonography (ARDMS) is an independent, not-for-profit organization founded in 1975. ARDMS is the globally recognized standard of excellence in sonography and has certified more than 70,000 individuals. Credentials awarded by ARDMS document personal achievement of recognized professional standards and are widely accepted in the medical community by sonography and vascular professional organizations. ARDMS promotes quality care and patient safety through the certification and continuing competency of ultrasound professionals.

astraira software GmbH **Stand no: 25**

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astraira software is based in Munich, Germany and was founded in 2000. astraira has established its position as a market leader and pioneer in obstetric and gynaecological database applications. Today a dedicated team of 25 employees is taking care of more than 1,000 customers worldwide and is also represented by local sales partners. astraira is known for offering high end solutions that are always up-to-date with the latest scientific data.

Center for Fetal Diagnosis & Treatment at **Stand no: 32**

The Children's Hospital of Philadelphia
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 F: +01 1 215 590 2447
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 E: galiem@email.chop.edu
 W: www.fetalsurgery.chop.edu

Expert Resources – All In One Place

One of only a few programs worldwide to offer comprehensive prenatal diagnosis, fetal therapy – including open fetal surgery for spina bifida – postnatal treatment and the option of delivering at a leading pediatric hospital. For over 15 years, we have been a beacon of hope and expertise for more than 10,000 families facing the impact of a prenatally diagnosed birth defect. Our abiding goal: the best outcome for both mother and baby. Hope lives here.

CHISON Medical Imaging Co.,Ltd **Stand no: 9**

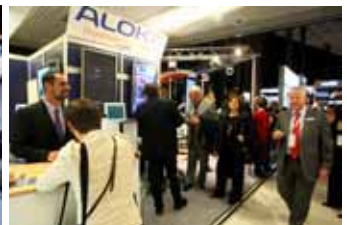
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 C: *Lucy Chen; Amy Zhu*
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CHISON Medical Imaging Co., Ltd. is one of the world's leading manufacturers for ultrasound systems. It has specialized in the development & manufacturing of high quality ultrasound systems for over 15 years. With 305 employees, CHISON has an annual production capacity of 8,000 ultrasound systems. It is ISO & CE certified by TÜV in Germany, and has also received FDA approval from USA.

CIVCO Medical Solutions **Stand no: 6**

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 F: + 1 319 656 4451
 C: *Jennifer Tobin*
 E: info@civco.com
 W: www.civco.com

With over 30 years of experience, CIVCO is a recognized leader in increasing patient throughput and clinical productivity while improving patient outcomes. CIVCO's Women's Healthcare product line focuses on breast imaging, obstetrical scanning and gynecological applications. Solutions include transducer covers and needle guidance. Additional information is available at www.CIVCO.com.



Exhibitor profiles

CombiMatrix Diagnostics

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 W: www.combimatrix.com

Stand no: 12

CombiMatrix Diagnostics, an industry-leader in genomic testing, offers clinicians a broad menu of innovative microarray tests. CLIA-certified and CAP-accredited, we provide state-of-the-art genetic testing services in the areas of Prenatal & Reproductive Health (prenatal and products of conception testing), Pediatrics (for autism & other development delay disorders) & Hematology-Oncology. To learn more, visit us at www.combimatrix.com.

ContextVision

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Stand no: 7

ContextVision is the leading independent developer in medical imaging enhancement, analysis and processing technologies, serving leading OEMs and distributors for 27 years. ContextVision's embedded imaging software is relied upon daily by thousands of users around the globe. ContextVision's patented GOP algorithm allows unprecedented image quality to be achieved by simultaneously enhancing fine structure while reducing noise and speckle across MRI, X-Ray, Ultrasound, CT, and IR.

Cook Medical

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 E: sales.ops@cookmedical.com
 W: www.cookmedical.com

Stand no: 3

With an emphasis on reproductive technology and maternal-fetal medicine, Women's Health provides innovative solutions in reproductive health, obstetrics and gynecology that help global medical professionals support the varying needs of patients around the world.

Digisonics

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Stand no: 10

Digisonics has set the standard for OB/GYN software systems for over 25 years – with the first review station, the first fully functional web-based system and fully integrated 3D/4D analysis package. OB-View solutions bring together high-performance image analysis systems, professional reporting choices, an integrated clinical database and a powerful PACS image archive all into one system. OB-View solutions maximize efficiency by integrating and automating the entire complex workflow resulting in maximum productivity.

ELSEVIER

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 W: www.elsevierhealth.com

Stand no: TBC

ELSEVIER dedicated to being your integral partner in delivering exceptional healthcare. Trust ELSEVIER to offer superior resources that expand your knowledge, foster communication, build insights, enable individual and collective advancements in the healthcare field. ELSEVIER proudly publishes Mosby, Saunders, Churchill, Livingstone, Butterworth-Heinemann and Hanley and Belfus titles. ELSEVIER. Building Insights, breaking boundaries.

Fetal Medical Foundation (FMF)

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 W: www.fetalmedicine.com

Stand no: 28

Founded by Prof. Kypros Nicolaides in 1995, the FMF is recognized as the world leader in First Trimester Ultrasound Training and Accreditation. In the past 2 years over 35,000 physicians and sonographers from around the world have taken our FREE online courses. Visit www.fetalmedicine.com for all of our latest information including new courses, lectures and dates for upcoming international meetings.

Future meetings

California Showroom

Pick up information about future meetings and related events. This table has information on a number of upcoming events relating to all areas of ultrasound in obstetrics and gynecology.



GE Healthcare

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Stand no: 16

Through healthymagination, GE Healthcare is addressing global healthcare needs in very real and relevant ways. We are bringing solutions to our customers in more than 100 countries and territories. At this year's ISUOG congress, learn more about healthymagination and our rich tradition of ultrasound excellence over the decades. You are invited to tour booth #16 to experience the distinctive/impressive history. Then join us in the GE Pavilion on the Plaza level to experience today's innovations in Voluson ultrasound and ViewPoint IT solutions. VolusonClub members are welcome to relax and network with other Voluson ultrasound users in the VolusonClub lounge in the Pavilion.

Exhibitor profiles

Genzyme genetics

Stand no: 20

1700 West Park Drive, Siute 400, Westborough, MA 01581, USA
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Genzyme Genetics and LabCorp are the human genetics specialists' resource for ordering tests from SNP arrays to prenatal and carrier screening. Combined, their extensive portfolio is supported by expert genetics specialists including the largest network of genetic counselors and competitive managed care contracts.

HITACHI
Inspire the Next

ALOKA
illuminate the change

Hitachi Aloka Medical

Stand no: 31

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Hitachi Aloka Medical is proud of the reputation we're built as an industry leader in Women's Imaging. Known for our unparalleled image quality, superior reliability and intuitive use of cutting edge technology, Hitachi Aloka Medical remains the ideal choice for exceptional diagnostic ultrasound imaging in the field of Women's Healthcare. Our focused dedication to diagnostic ultrasound imaging allows us to offer a range of products to meet the needs of every Women's Healthcare professional. Visit us at booth #31. www.hitachi-alka.com

isuog.org

ISUOG

ISUOG Lounge, California Showroom

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With more than 5,000 members in 100 countries **ISUOG** is the most important Society in ultrasound in obstetrics and gynecology. All full paid delegates are enrolled as members of ISUOG and can immediately access our many member benefits including the Journal, Ultrasound in Obstetrics and Gynecology, reduced fees to ISUOG Courses and Congresses, online educational material such as Web Lectures and access to our Congress web portal, **ISUOG OnDemand**. Reduced rates to attend our 2012 World Congress in Copenhagen, Denmark (9-13 September 2012) also apply. Come and collect a sample of our latest Journal at the ISUOG lounge (while stocks last!) and find out more.



Karl Storz GmbH & Co. KG

Stand no: 11

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KARL STORZ is one of the world's leading suppliers of endoscopes for all fields of application. The family-owned company with its headquarters in Tuttlingen, Germany has 5300 employees worldwide. With a history that stretches back over 60 years, KARL STORZ is well-known for its innovative and high-quality products. Its range of products has been rounded off with the development of the integrated operating room OR1™ and by integrating the field of flexible endoscopy into the various specialties.

Lippincott Williams & Wilkins

Stand no: L1

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Lippincott Williams & Wilkins (LWW) is a leading international publisher of professional health information for physicians, nurses, specialized clinicians and students.

MedStreaming

Stand no: 27

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W: www.medstreaming.com

At Medstreaming we provide the world's most comprehensive integrated practice management, electronic medical record (EMR) and image management platform. Our singular architecture and intuitive user interface helps to reduce errors, improve patient care, and simplify the IT infrastructure in your practice. From structured reporting automation to device interoperability, Medstreaming provides products that increase efficiencies, customize to your practice needs. Medstreaming has been granted 'Meaningful Use' certification.

PerkinElmer Inc.

Stand no: 29

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PerkinElmer is a global company committed to healthier pregnancies, healthier babies and healthier families. We are pioneering the use of dried blood spot sampling to make screening more widely available and have recently launched a risk assessment for early-onset pre-eclampsia in Europe. PerkinElmer's NTD Labs offers the most accurate first trimester aneuploidy screening service. PerkinElmer's Signature Genomics Laboratories, the leader in microarray-based cytogenetic diagnostics, offers a range of prenatal diagnostic testing to suit the needs of every patient case.

For help using
OnDemand, visit the
ISUOG Lounge
in the California
Showroom

isuog.org OnDemand

ISUOG OnDemand is an online multimedia platform, which allows you to watch presentations recorded at the World Congress in Los Angeles.

All presentations (OC and OP, invited talks and workshops) will be made available OnDemand, from the end of the day on which they are presented. **E-posters (P)** can also be viewed on this platform.

Access to this resource is **free to all delegates and ISUOG members**. Revisit your favourite lectures, or view missed sessions at your leisure.

ISUOG members can view **OnDemand** at any time. To login from your own computer, follow these simple instructions:



- Visit www.isuog.org and login to your online ISUOG membership account.
- If you do not know your login details, visit the ISUOG Lounge to find out.
- Once logged in, click on 'Preferences' in the top right hand corner of the web page.
- Click on the 'Activate Web Portal' link and then select 'View Web Portal'
- Select the sessions you are interested in viewing and enjoy!

NB: Delegates are not permitted to make individual recordings of lectures.

ISUOG cannot guarantee that all lectures will be available OnDemand, as authors have the right to refuse recording.



Don't miss **ISUOG OnDemand** and the chance to view any presentation online!

Exhibitor profiles

PHILIPS

sense and simplicity

Philips Healthcare

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C: Amy Lex

W: www.healthcare.philips.com

Philips Healthcare is a diverse health and well-being company, focused on improving people's lives through timely innovations. Philips integrates technologies and design into people-centric solutions, based on fundamental customer insights and the brand promise of "sense and simplicity." Our women's healthcare ultrasound portfolio includes solutions for maternal fetal medicine, obstetrics, gynecology, and breast imaging. Philips newest ultrasound systems and transducers incorporate the latest in ergonomic research and design and have set industry standards for design and comfort.

Stand no: 13



SAMSUNG MEDISON

Samsung Medison

Samsung Medison Bldg., 42, Teheran-ro 108-gil, Gangnam-gu, Seoul 135-851, Korea

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Stand no: 14

Samsung Medison is one of the world's leading researchers, developers and manufacturers of ultrasound and other medical imaging products. Medison was founded in 1985, and acquired by Samsung Electronics in February 2011, to form Samsung Medison. Driven by R&D, the company has achieved a series of technological breakthroughs, such as introducing the world's first commercially-available 3D and 40 diagnostic ultrasound scanners. Samsung Medison also produces digital X-rays and other medical imaging products.

Not just a revolution, a revelation

There are revolutions in medicine, in technology, in music, in society. Then there are revelations: ideas and insights so far advanced from what was, they alter your perception of what could be.



Experience the future of ultrasound

The Philips iU22 xMATRIX is a revolutionary imaging system that will forever change the way you view ultrasound as a clinical tool for women's imaging. Now you can see more clearly, explore more fully, and resolve more thoroughly. Now you can be sure.

www.philips.com/xmatrix/womenshealthcare



XMATRIX

PHILIPS
sense and simplicity

Exhibitor profiles

Scan Trainer

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Stand no: 24

ScanTrainer is a 24/7 virtual reality ultrasound simulator, which combines 'real-feel' haptic simulation, real patient scans and curriculum-based interactive learning, to provide fast and effective ultrasound training prior to patient contact. ScanTrainer's self directed learning removes the requirement for patients to learn on and minimises an expert's direct supervision, making the system both resource efficient and cost effective. The system comes with integrated OBGYN training modules and a wide range of pathology modules are available.

Shenzhen Mindray Bio-Medical Electronics Co., Ltd. Stand no: 1

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Mindray was founded in 1991 with the goal of delivering high-quality, competitively priced medical devices to make healthcare more accessible and affordable around the world. In 2006, Mindray listed on the New York Stock Exchange and is now a leading developer, manufacturer and marketer of medical devices worldwide. Now the company has three well-established business segments: Patient Monitoring and Life Support Products, *In-Vitro* Diagnostic Products and Medical Imaging Systems. Health care facilities equipped with Mindray's products can be found in over 190 countries and Regions.

SIEMENS

Siemens AG

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Stand no: 15

Siemens Healthcare is a world-class, leading supplier to the healthcare industry and a pioneer in ultrasound technology, providing accessible, efficient, and quality solutions for today's OB/GYN clinicians. Our ultrasound systems for obstetrics and gynecology feature a range of innovative clinical and workflow applications. At Siemens, we continually make breakthroughs in technology so that you can obtain the accurate, in-depth information you need to help your patients make the best decisions about their health.



Sonultra

877-SONULTRA P.O. Box 3910 Beverly Hills, CA 90212, USA
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Stand no: 8

For 20+ years Sonultra equipped MFM, OB/GYN, and radiology specialists with productivity and research enhancing OB/GYN ultrasound reporting and DICOM image management tools. Resolving many of the limitations found in today's hospital and private-office based reporting/image management solutions, Sonultra's comprehensive EMR, PACS and U/S integration services streamlines your workflow while managing your bottom line. Visit booth #8 and see our latest Fetal Echo module and U/S reporting integration solutions for EMR, PACS and U/S Scanners.

Texas Children's Fetal Center

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Stand no: 5

Texas Children's Fetal Center – located within Texas Children's Hospital in Houston, Texas – is one of only a few centers in the United States to offer the full spectrum of fetal therapies. Our physicians are recognized leaders in fetal medicine and fetal and neonatal surgery. We offer compassionate, comprehensive care including advanced diagnostic procedures and consultation. At Texas Children's Fetal Center, our team is committed to providing the the best possible outcome for each mother, baby and family.

TOSHIBA

Leading Innovation >>>

Toshiba America Medical Systems

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Stand no: 30

An innovator in medical imaging technology, Toshiba America Medical Systems markets, sells, distributes and services diagnostic imaging systems throughout the U.S. Toshiba is committed to providing customers with the patient-focused technology and optimum system performance needed to succeed in today's healthcare marketplace.

Trig Medical Inc

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Stand no: 23

Trig Medical provides labor progression management and image guidance solutions for important times in a woman's life. Trig's innovative, non-invasive tracking and image based guidance products provide clinicians with images and information to take care to a higher level. Stop by the trig booth to see a demo of Labor Pro, a non-invasive, labor progression management system, and TrigGuide™, an interventional ultrasound guidance system.



SIEMENS

www.siemens.com/ultrasound

She came in with a stomach ache. But she was hiding something.

As a healthcare professional, you never know when a difficult case will come through the door. What appears to be a simple complaint can sometimes turn into a case that requires every ounce of your patience, determination, and skill.

You're always up for the challenge—and so are we. We don't only develop ultrasound solutions that handle the most straightforward cases—we also strive to find solutions for the most complicated ones.

Siemens pioneers ultrasound to make the impossible possible. Our ultrasound systems provide advanced image quality that reveals complex anatomical structures, so that you can discover answers to even the most perplexing questions—and help make the stomach aches go away.

Siemens. The ultrasound pioneers.

Answers for life.

Exhibitor profiles

Ultrasound Manager

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Stand no: 26

Ultrasound manager is an innovative cloud based system for sharing scan video, images and data. Our secure, multilingual system has been developed with Donald Gibb and other leading obstetricians to provide an enhanced scan experience for expectant mothers and their families along with easy sharing between professionals for analysis of scans. We have 15 years experience in providing Video Review and Data Capture Solutions. Come to stand 26 and talk to us about how we can enhance your scans.



Verinata Health, Inc.

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Stand no: 4

Verinata Health is driven by a sole, extraordinary purpose – maternal and fetal health. Our initial focus is to develop and offer non-invasive tests for the early identification of fetal chromosomal abnormalities through our proprietary technologies. We aim to reduce the anxiety associated with today's multi-step process, the unacceptable false positive rates, the non-specific and sometimes confusing results of current prenatal screening methods and the risk of current invasive procedures.

Vision Chips, Inc.

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 W: www.visionchips.com

Stand no: 19

Vision Chips, Inc. is the developer of advanced OB/GYN reporting solutions. Observer 7 is the latest version of the highly regarded Observer Ultrasound Information System that was first introduced almost 20 years ago. The Observer system has always been known for its ease of use, robustness and attention to detail with fast, effective and friendly support to back it up. Observer 7 takes OB/GYN Reporting and Imaging software to a whole new level of flexibility with extremely advanced customization options and an enhanced user experience. Find out for yourself why Vision Chips earns the vast majority of its customers through enthusiastic referrals from existing, very happy customers.

Vasa Previa Foundation, Inc.

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Stand no: 22

The International Vasa Previa Foundation is an all volunteer charity organized to provide prevention and detection information and bereavement support to the general public and professionals regarding the potentially fatal fetal condition known as vasa previa. Our objectives are to raise awareness about vasa previa and eliminate infant mortality and complications caused by undiagnosed or poorly managed vasa previa. It only takes a moment to diagnose life...

Watson Pharma, Inc.

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Stand no: 21

Watson Pharmaceuticals has a clear objective to expand our presence in Women's Health through internal research and development and alliances that will expand our brand offerings in pre-term birth, infertility, emergency and oral contraception. Watson, a long-standing and committed partner to women throughout their reproductive lives – and beyond.

Wiley Blackwell

ISUOG Lounge, California Showroom

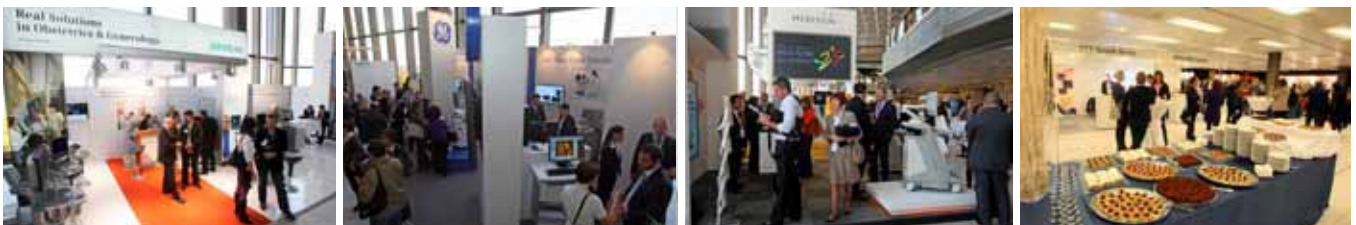
Make sure you visit the Ultrasound in Obstetrics & Gynecology (UOG) section of the ISUOG stand. Collect your free sample copy of the latest issue, claim your free UOG pen, or sign up for our UOG newsletter to be in with a chance of winning an iPad. You can also chat with someone who works on the Journal to find out more about the latest developments. UOG is the leading peer-reviewed Journal on imaging within the field of obstetrics and gynecology, with an Impact Factor of 3.163 (JCR® 2010).

ZONARE Medical Systems, Inc.

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Stand no: 2

ZONARE Medical Systems is committed to ultrasound excellence through its innovative, software-based, next generation technology, and putting customers and employees first. The patent design and architecture of the z.one Ultrasound™ platform deliver premium image quality and clinical versatility at unparalleled value. ZONARE's exclusive ultrasound focus has resulted in achieving a user loyalty rating of 100 percent in the KLAS Top 20: 2009 Year-End Report. All ZONARE customers interviewed for this ultrasound market report indicated that they would purchase a z.one ultrasound system again.



Trainees

ISUOG Trainee Membership Program

ISUOG is pleased to offer free online membership for two years to trainees with an interest in ultrasound in obstetrics and gynecology who are registered with a participating organisation.



Membership includes:

- Annual online subscription to UOG
- Member only access to the Society's official website
- Web lectures & webcasts from ISUOG congress, courses and other events
- Access to ISUOG OnDemand, the Congress web portal (view congress sessions online after the event)
- Regular e-newsletters
- ISUOG support of teaching programs
- ISUOG Book Club: 20% discount on Wiley-Blackwell books
- Reduced fees to ISUOG educational courses, ISUOG Symposium and the annual World Congress



Organisations currently offering ISUOG trainee membership include societies in the UK, USA, Denmark, Hong Kong, Italy, Malaysia, Norway, Singapore and Switzerland. If you are a trainee of one of these societies, and were not aware of this offer, please contact them directly. If your organisation is not listed, please get in touch and we can look at extending the scheme to your region. A list of organisations we are currently offering trainee membership to can be found on our website:

www.isuog.org/membership/trainees



ISUOG committee meetings

Date	Start Time	End Time	Meeting (Secretary)	Meeting Room
Saturday 17 September	8:30	18:00	ISUOG Board	Directors
Sunday 18 September	9:00	10:30	Meeting Planning Committee	Directors
	10:30	11:30	Copenhagen Congress Advisory Board	Directors
	12:00	13:00	Scientific Committee	Directors
	13:00	13:45	Session Chairs' Briefing & Lunch	Directors
	15:50	16:20	Annual General Meeting (ALL DELEGATES)	LA Ballroom
Monday 19 September	8:30	10:00	Education Committee	Directors
	10:15	11:15	Gold Medal Committee	Directors
	10:00	11:00	Patient Liaison Group	Park
	11:15	12:30	1st Trimester Guidelines Task Force	Park
	11:30	12:30	Safety Committee	Directors
	12:45	14:45	Editorial Board	Directors
	15:00	16:00	Perinatal Doppler Focus Group	Park
	15:00	16:30	Clinical Standards Committee	Directors
	16:00	17:20	IOTA Group (open meeting, all welcome)	Sherman Oaks
	17:30	18:30	IOTA Group	Directors
Tuesday 20 September	8:30	9:30	Journal Strategy meeting (SJ, SH)	Directors
	10:00	11:00	IETA Group	Park
	10:00	11:00	Medison Mongolia Meeting	Directors
	12:45	13:45	Gynecology Special Interest Group	Park
	12:45	14:15	Outreach Committee	Directors
	14:00	15:00	Fetal Heart Special Interest Meeting	Park
	15:15	16:15	Journal Editors Meeting	Directors
	15:30	16:30	Fetal MRI Focus Group	Park
Wednesday 21 September	8:30	10:00	Web Editorial Board	Directors
	10:00	11:00	Scientific Committee 2	Directors
	11:15	12:15	3D Focus Group	Directors
	11:15	12:15	Basic Training Curriculum	Park
	12:45	14:15	Membership Development Committee	Directors
	16:00	17:00	Exhibitors' Closing Meeting	Directors
	17:30	18:30	IPULA (Early Pregnancy) Group	Directors
Thursday 22 September	9:00	10:00	ISUOG Board (supplementary)	Directors
	10:30	11:30	IETA Group (open meeting, all welcome)	Olympic 2

Committee meetings are for committee members by invitation; if you are interested in joining one of the committees listed, please visit the ISUOG stand to register your interest.

General information

Cash machines

Banks are normally open 09:00-18:00 each weekday. The nearest bank branch can be located in the Century City shopping complex, across the road from the hotel. There is also a cash point located within the hotel, near the concierge desk on the ground floor.

Catering

Tea, coffee and light lunches will be served in the exhibition area from Sunday to Wednesday. On Thursday, refreshments will be served in the California lounge and Plaza level. Please join us for a farewell lunch and look forward to next year's Congress with a Danish beer after the closing ceremony on Thursday afternoon!

Certificates of attendance

Certificates of attendance will be available from the main registration desk from Wednesday 21 September for all registered delegates who complete the CME questionnaire. Certificates will be available for collection until lunchtime on Thursday 22 September.

USA CME: US delegates collecting *AMA PRA Category 1 Credits™* must visit the CME desk at registration to sign in and collect their CME certificates. You will also be asked to complete the evaluation questionnaire.

Congress contact details

Congrex UK

(registration and booking enquiries)

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ISUOG Secretariat

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Disclaimer

Best endeavours will be made to present the program as printed. However ISUOG and its agents reserve the right to alter or cancel without prior notice, any of the arrangements, timetables, plans or other items relating directly or indirectly to the Congress for any reason beyond its reasonable control. ISUOG and its agents are not liable for any loss or inconvenience caused as a result of such alteration.

Duplications/recordings

Photography, audio taping, video recording, digital taping or any other form of duplication is strictly prohibited in the session halls and poster areas, except with the express consent, in advance, of ISUOG and the speakers involved. Please note that all sessions are available to delegates and ISUOG members after the Congress, through the ISUOG OnDemand web portal.

First aid

Should you require assistance during the Congress hours, please contact the registration desk.

Future meetings

Literature regarding future meetings of interest to participants is displayed in the exhibition area.

ISUOG membership

All paid delegates are online members of ISUOG for 2012, including access to UOG and the Congress web portal ISUOG OnDemand. Visit the ISUOG lounge in the California Showroom for more information.

Lost property

Please hand any lost property to the staff at the registration desk where it will be made available for collection. At the end of the Congress, any unclaimed items will be taken back to London by ISUOG.

Name badges

Please wear your name badge at all times, you will need this to gain admission to the sessions or exhibition area. Please note, our staff are instructed not to permit entry without your badge, so please be understanding if you are asked to return to the registration desk. Name badge holders have been colour coded as follows:

Clear	Full delegates
Red	Board
Blue	Invited faculty
Yellow	Exhibitors
Green	Accompanying persons
Deep red	Staff
	Day delegates:
Pink	Saturday/Sunday (pre-congress courses only)
Orange	Sunday
Purple	Monday
Light blue	Tuesday
Light green	Wednesday
Clear	Thursday

Official language

The official language of the Congress is English. No translation facilities are available.

Smoking policy

Smoking is not permitted in the building.

Telephones

Mobile telephones work well within the venue.

Travel and sightseeing

The Hyatt Regency Century Plaza hotel is situated directly adjacent to Century City, a large shopping complex offering a wide choice of shops (including branches of Bloomingdales and Macy's) and restaurant options to suit every budget. There is also a cinema located here. Century City is approximately a 5 minute walk from the hotel. To reach the mall, leave the hotel by the main entrance and turn left. At the junction with Constellation Blvd, turn left again and walk down Constellation Blvd approximately 100m, then cross the road.

The most common form of transport is by taxi cab. There is no underground or comprehensive inner city train service. LA Metro operates train and bus services around the city. The basic fare single tickets is \$1.50 and you can pay cash each time you board a Metro bus (bus operators don't carry change, so you'll need exact fare) or buy a ticket from a self-service vending machine on entry to a Metro Rail or Metro Orange Line station. A weekly pass is also available (valid Sunday through Saturday) for \$20.

The Hyatt is also located a short taxi ride from some of LA's most famous shopping and tourist districts. More information on what to see and do, where to eat, museums and other attractions can be found in ISUOG's specialty prepared Visitor Guide, prepared by our Local Organising Committee. A copy of this guide can be found in your delegate bag, or is also available from our registration desk.

You can also visit the concierge on the Reception level of the Hyatt hotel where they will be happy to help you with planning any trips or excursions and advise on public transport or taxi options.

WIFI

ISUOG is pleased to announce that thanks to an unrestricted educational grant from GE, WIFI internet access will be accessible to all delegates on the Congress levels of the Hyatt hotel.

ISUOG would like to thank the following industry partners for their support of the 21st World Congress:

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18–22 September 2011, Los Angeles, USA



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