



18th World Congress on Ultrasound in Obstetrics and Gynecology

24-28 August 2008, Chicago, USA

Final Program

40 AMA PRA Category 1 Credits™
36 ECMEC Credit Points

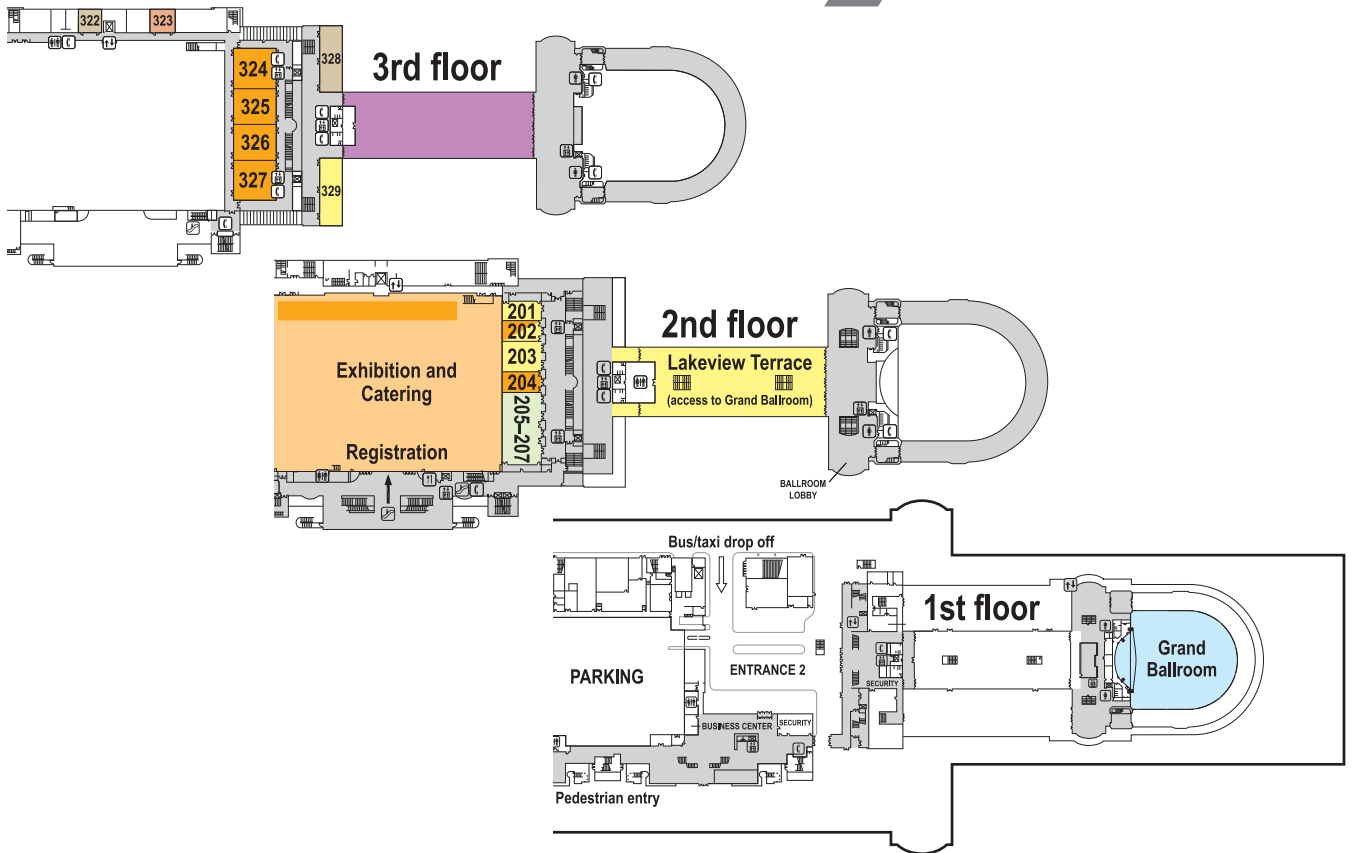
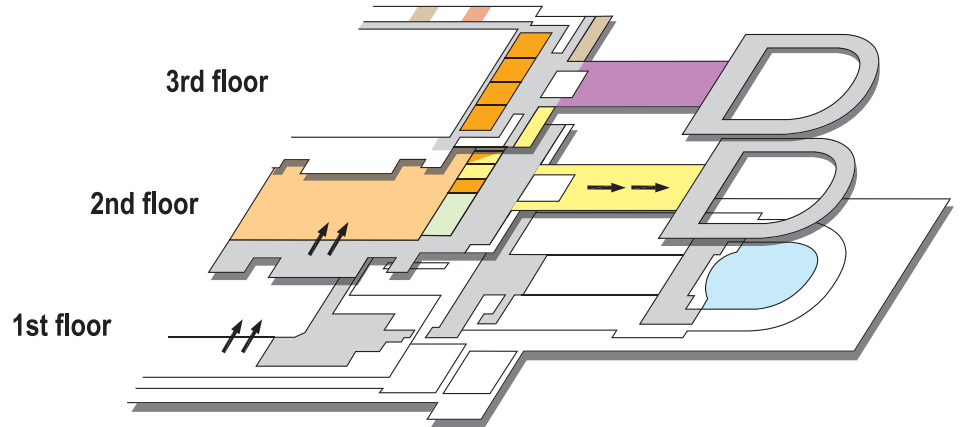


Organised by The
International Society of
Ultrasound in Obstetrics
and Gynecology
www.isuog.org

Venue floor plans

Key:

- Meeting room
- Exhibition
- Sponsors
- Congress Party
- Speaker preparation room
- Obstetric session hall/Plenary sessions
- Gynecology session hall
- Posters



Critical dates and times

Registration opening hours

The Navy Pier registration area is located at the entrance to the exhibition hall and is open at the following times:

Saturday 23 August 2008	07:30–15:00 (<i>InterContinental only</i>)
Sunday 24 August 2008	07:30–19:30
Monday 25 August 2008	07:15–18:00
Tuesday 26 August 2008	07:30–18:00
Wednesday 27 August 2008	07:30–18:00
Thursday 28 August 2008	07:30–16:30

Scientific program hours

The scientific program sessions will take place in the Grand Ballroom and Room 205–207. Poster sessions are located in the areas marked in orange on the floor plan. Please refer to the program for exact locations.

Sunday 24 August 2008	14:00–18:30
Monday 25 August 2008	08:00–18:00
Tuesday 26 August 2008	08:00–18:00
Wednesday 27 August 2008	08:00–18:00
Thursday 28 August 2008	08:00–16:30

Speakers' preparation room opening hours

The speakers' preparation room is located in room 323 on the third floor of the Navy Pier and is open at the following times:

Sunday 24 August 2008	10:00–18:00
Monday 25 August 2008	07:30–18:00
Tuesday 26 August 2008	07:30–18:00
Wednesday 27 August 2008	07:30–18:00
Thursday 28 August 2008	07:30–14:00

Speakers **MUST** check in their presentation at the speakers' preparation room at least four hours prior to the commencement of the session.

Exhibition opening hours

Sunday 24 August 2008	18:30–21:30
Monday 25 August 2008	09:30–17:00
Tuesday 26 August 2008	09:30–17:00
Wednesday 27 August 2008	09:30–17:00
Thursday 28 August 2008	09:30–14:00

Organising Committees

ISUOG President

- K. Hecher, Germany

Congress Chairman

- L. Platt, USA

Local Organising Committee, USA

- J. Abramowicz
- A. Abuhamad
- A. Baschat
- B. Benacerraf
- G. DeVore
- J. Copel
- S. Goldstein
- D. Nyberg
- I. Timor-Tritsch

ISUOG Meeting Planning Committee

- A. Tabor, Denmark (Chair)
- A. Abuhamad, USA
- T. Bourne, UK
- J. Copel, USA
- A. Gagnon, Canada
- K. Hecher, Germany
- K. Nicolaides, UK
- D. Nyberg, USA
- G. Pilu, Italy
- L. Platt, USA
- Y. Ville, France

ISUOG Scientific Committee

- A. Baschat, USA (Chair)
- B. Benacerraf, USA
- C. Bilardo, Netherlands
- T. Bourne, UK
- E. Ferrazzi, Italy
- S. Goldstein, USA
- K. Maršál, Sweden
- K. Nicolaides, UK
- A. Papageorghiou, UK
- B. Thilaganathan, UK
- D. Timmerman, Belgium
- L. Valentin, Sweden
- Y. Ville, France
- S. Yagel, Israel

Executive Director

- S. Johnson, UK

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Welcome message

ISUOG's 2008 host committee is extremely proud to welcome you to Chicago and the 18th World Congress. We are delighted to be welcoming well over 1,000 participants from over 70 countries. We hope that our Congress's breathtaking location, right on the Chicago lakefront, will inspire you to participate actively in our on site activities, but also that you will find time to enjoy the city to the full through its first class shopping, museums, varied dining opportunities and its thriving blues, jazz and theatre scene.

The local and international host committees, scientific committee and our incredible ISUOG administrative staff have developed an outstanding program both educationally and socially. With almost 1000 presentations the opportunity to learn new and exciting applications of ultrasound in Ob/Gyn is nearly endless. It is thanks to the cutting edge research submitted by you to our annual meetings that ISUOG can continue to be at the forefront of expanding the boundaries of diagnostic imaging.

The unique plenary presentations should prove to be an exciting addition to our already excellent meeting. On Sunday we have a special program which showcases the best new scientific presentations for the year; the return of our Ultrasound Millionaire cup winners from 2007 and their new challengers; and a very special highlight lecture by Dr Skip Granai which explores the human aspects of our academic and clinical challenges. Our exhibitors will also provide attendees the opportunity to see the newest products available to the market.

We look forward to greeting you personally and are confident ISUOG 2008 will prove to be a memorable event.



Lawrence D. Platt



Ahmet A. Baschat

Contents

Program (general)

Chairperson, speaker and poster presenter guidelines	2
CME accreditation	3
Speaker declarations	3
List of invited speakers	4
Program orientation	5
Program at a glance	6
Posters at a glance	8
Meet the professor breakfast sessions	9

Program (in detail)

Pre-Congress courses – Saturday 23 August 2008	10
Pre-Congress courses – Sunday 24 August 2008	12
Program – Sunday 24 August 2008	14
Program – Monday 25 August 2008	15
Posters – Monday 25 August 2008	19
Program – Tuesday 26 August 2008	25
Posters – Tuesday 26 August 2008	30
Program – Wednesday 27 August 2008	35
Posters – Wednesday 27 August 2008	40
Program – Thursday 28 August 2008	46
Posters – Thursday 28 August 2008	49

Industry

Sponsors' activities	54
Exhibition floor plan and list of exhibitors	55
Exhibitor profiles	56

Social program

General information

ISUOG committee meetings

Chairperson, speaker and poster presenter guidelines

If you are chairing a session, or presenting in an oral or oral poster session, 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, after reading the guidelines, you have any questions, please address them to the Congress staff in the speakers' preparation room.

Recording of sessions

Please note that it is increasingly difficult to prevent individuals from recording sessions. Although participants are asked not to do so, ISUOG can take no responsibility for third party recordings of lectures. **We request that speakers who specifically object to audio/video recording of their presentations state this before their lecture.**

General notes

- Please ensure that you meet at the front of the session hall 15 minutes before the start of the session to introduce yourselves, and in order for 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 of discussion times in your session.
- If you have been asked to give a session overview, you should present a background review of the subject and the overall contribution of the scientific presentations with the session to the field.
- **The program schedule is extremely tight so all speakers must adhere to the time allocated to them. Should a speaker overrun they will be interrupted by the chairperson who will request that the speaker stop. Please be considerate of other scheduled speakers if you are asked to conclude your talk and please do so promptly.**

Chairpersons only

- There will be a chairpersons' briefing on Sunday 24 August at 18:45 in Room 202 following the opening plenary session. Please ensure you attend (drinks will be served).
- It is your responsibility to ensure strict adherence to presentation times as listed in the program and to direct and moderate discussion.
- 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 turn off all mobile phones and pagers. Please also remind the audience that the recording of sessions is prohibited unless they have specific permission from the speakers.
- 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 standing microphones within each hall for discussions. Delegates will need to wait behind the microphones for questions. Please direct the audience at the start of the session as to how questions will be managed to ensure the best use of the time available.

- Please note that delegates will not be permitted to stand at the back of the hall due to fire regulations.

Speakers (invited and OC presentations) only

- All speakers must report to 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. Speakers can then check their presentation with the audio-visual staff prior to the presentation being sent to the lecture hall.
- Presentation direct from a laptop is only permissible if pre-arranged. If you are presenting from your laptop you still need to report to the speakers' preparation room the day before your presentation.
- If you are presenting an oral abstract you must 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.

PowerPoint poster (OP and P) presenters

- Presenters should have emailed their PowerPoint slides in advance of the Congress. The Organisers cannot guarantee that PowerPoint posters can be included if they are not received in advance.
- All PowerPoint poster presenters should report to the speaker preparation room the day before their presentation to check their presentation has been included.
- Posters will be on display from Monday 25 to Thursday 28 August 2008 in PowerPoint format. Delegates will be able to view posters in various locations throughout the venue.
- Presentations will be destroyed at the end of the Congress and will not be kept, used again, recorded or otherwise reproduced.

Oral poster (OP) presenters – chaired discussion sessions

- You will have been previously informed of the day of your poster presentation in your abstract acceptance letter. Presenters should be available to answer questions at their specific discussion session (please refer to this program if you are unsure). Presenters should arrive at the relevant poster room at least 10 minutes prior to the listed start time for the discussion group.
- On the day of presentation, posters will be presented on a continuous rolling loop within the relevant poster session area.



Accreditation and CME credit

ACCME accreditation

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 40 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.

Nurses may claim credit for activities approved for AMA PRA Category 1 Credits™ in most states, for up to 50% of the nursing requirement for recertification. This activity is designated for up to 40 AMA PRA Category 1 Credits™.

Target Audience

This conference will appeal to researchers, obstetricians, gynecologists, radiologists, pediatricians, sonographers, nurses and all other professionals who perform obstetrical and gynecological ultrasound examinations.

Educational Objectives:

Upon completion of this conference, the participant will be able to:

- Describe the practice of prenatal genetic screening
- Know how to perform nuchal translucency measurements
- Understand the role of 3D ultrasound in obstetrical and gynecological diagnosis
- Understand new developments in the field of OB-GYN ultrasound
- Know applications of pelvic ultrasound in evaluation of the endometrium, adnexae, infertility, and pelvic emergencies
- Know how to use Doppler ultrasound in obstetrical ultrasound and adnexal evaluation
- Describe how to sonographically evaluate the fetal heart and cardiovascular system
- Explain how to sonographically diagnose fetal structural abnormalities

EACCME accreditation

ISUOG is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net.

The 18th World Congress on Ultrasound in Obstetrics and Gynecology is designated for a maximum of (or 'for up to') 36 hours of European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the education activity.

Speaker declarations

The following declarations have been received:

J. Abramowicz	Research instruments provided by Zonare. (OP17.08)
A. Abuhamad	EVMS uses loaned ultrasound equipment from GE Healthcare. EVMS has licensing agreement with GE Healthcare for Sono VCAD.
R. Bataeva	Relationship with Medison. (OP08.12)
J. Carvalho	Sponsorship for participation in Congress and equipment loan from ALOKA, arranged by the ISUOG organising committee (no financial interest in company).
J. Chung	Financial interest from Medison Co. Supported in part by a grant from the Medison Research Fund. (OP01.12)
L. Cohen	On the speaker bureau for both Philips and GE Ultrasound. (OP02.06 & OP02.12)
H. Di	Users of Voluson 730 and Logic 7, provided by GE Health System. (OP12.11)
C. Exacoustos	Relationship with GE Healthcare (no financial interest, only tests and research on new sonographic softwares). (OP05.01)
S. Goldstein	Consultant for Cook Ob/Gyn, Ackrad Labs.
C. Hsiao	Relationship with GE Healthcare. (OP01.10)
W. Lee	Consultant for both Siemens Medical Solutions and GE Healthcare with limited research support. (OP.08 & OC119)
G. Piliu	Equipment loan from GE Healthcare.
L. Platt	Consultant for GE Medical Systems and Philips Medical Systems with Research support from both. On the Board of Directors for Insightec Ltd.
D. Pretorius	Consultant for Philips Medical Systems. Equipment loans from both Philips Medical Systems and GE Healthcare. (OP24.02)
N. Raine-Fenning	Consultancy agreement and equipment loan with GE Medical Systems.
G. Ramos	Dr Pretorius is a consultant for Philips Medical Systems. The University of California, San Diego has received ultrasound equipment loans from Philips Medical Systems for research purposes. (OC040)
W. Sepulveda	Member of the Medison speaker bureau.
E. Stewart	Clinical trial investigator for Insightec (previous relationship as a consultant for Insightec).
F. Vinals	Relationship with GE Healthcare. Clinical evaluation of ultrasound systems. (OC028, OP03.07 & OP03.07)
B. Xin Lin Chen	Ultrasound equipment provided by Siemens. (OC080)

Declarations have not been received from the following speakers: C. Bamberg (Germany), M. Kim (Republic of Korea), S. Molina (Colombia), Q. Min (China), F. Molina Garcia (Spain), M. Pietryga (Poland), D. Zhang (China)



International Society of Ultrasound in Obstetrics and Gynecology

Invitation to attend ISUOG's Annual General Meeting (AGM)

Sunday 24 August 2008

15:30

Grand Ballroom, Navy Pier

All fully paid delegates at ISUOG's 18th World Congress in Chicago are automatically enrolled as members of ISUOG in 2009 and are encouraged to attend the AGM.

List of invited speakers

- | | | | |
|---------------------------|-------------------------------|--------------------------|---------------------------|
| J. Abramowicz, USA | D. D'Agostini, USA | S. Laifer-Narin, USA | R. Sabbagha, USA |
| A. Abuhamad, USA | M. D'Alton, USA | T. Lau, China | K. Salvesen, Norway |
| R. Achiron, Israel | G. DeVore, USA | W. Lee, USA | W. Sepulveda, Chile |
| J. Alcázar, Spain | H. Dietz, Australia | C. Lees, UK | N. Silverman, USA |
| Z. Alfirevic, UK | M. Divon, USA | A. Lev-Toaff, USA | M. Sklansky, USA |
| L. Allan, UK | E. Dreisler, Denmark | P. Libby, USA | M. Solari, USA |
| R. Axt-Fliedner, Germany | S. Eik-Nes, Norway | G. Malinger, Israel | J. Sonek, USA |
| R. Bahado-Singh, USA | E. Epstein, Sweden | G. Mari, USA | C. Spong, USA |
| K. Barnhart, USA | J. Espinosa, USA | K. Maršál, Sweden | A. Steensma, Netherlands |
| A. Baschat, USA | C. Exacoustos, Italy | D. Maulik, USA | E. Stewart, USA |
| B. Benacerraf, USA | E. Ferrazzi, Italy | M. Merialdi, Switzerland | A. Tabor, Denmark |
| C. Berg, Germany | D. Fischerova, Czech Republic | E. Merz, Germany | S. Tan, Canada |
| V. Berghella, USA | A. Fleischer, USA | A. Mikhailov, Russia | A. Testa, Italy |
| D. Bianchi, USA | A. Gagnon, Canada | M. Momtaz, Egypt | B. Thilaganathan, UK |
| C. Bilardo, Netherlands | H. Galan, USA | A. Monteagudo, USA | D. Timmerman, Belgium |
| H. Blaas, Norway | H. Gardiner, UK | A. Ngu, Australia | I. Timor-Tritsch, USA |
| M. Blanchette-Porter, USA | T. Ghi, Italy | K. Nicolaidis, UK | B. Tutschek, Germany |
| C. Bottomley, UK | S. Goldstein, USA | A. Odibo, USA | H. Valensise, Italy |
| T. Bourne, UK | S. Granai, USA | D. Paladini, Italy | L. Valentin, Sweden |
| C. Brezinka, Austria | E. Gratacós, Spain | A. Papageorghiu, UK | T. Van Den Bosch, Belgium |
| M. Bronshtein, Israel | S. Gudmundsson, Sweden | A. Parsons, USA | Y. Ville, France |
| P. Calda, Czech Republic | M. Hansmann, Germany | O. Petersen, Denmark | F. Vinals, Chile |
| S. Campbell, UK | K. Hecher, Germany | G. Pilu, Italy | A. Vintzileos, USA |
| J. Carvalho, UK | E. Hernandez-Andrade, Spain | L. Platt, USA | R. Wapner, USA |
| R. Chaoui, Germany | J. Hobbins, USA | D. Pretorius, USA | I. Wilkins, USA |
| L. Cohen, USA | D. Jurkovic, UK | L. Puscheck, USA | S. Yagel, Israel |
| G. Condous, Australia | K. Kalache, Germany | R. Quintero, USA | G. Yeo, Singapore |
| J. Copel, USA | E. Kirk, UK | N. Raine-Fenning, UK | L. Yeo, USA |
| B. Cuneo, USA | T. Kiserud, Norway | S. Rigano, Italy | Y. Zalel, Israel |
| A. Czekirowski, Poland | C. Kleinman, USA | R. Romero, USA | |

Program orientation

- Saturday courses and daily meet the professor sessions take place at the InterContinental Chicago, 505 North Michigan Avenue, Chicago. The remaining program takes place at Navy Pier.
- The program at a glance gives you an outline to each day's events including session titles and times, and refreshment breaks.
- The program pages give you the detailed chronological listing of events – please note that most sessions run in parallel so you will need to read through all sessions of similar time to decide which best suits your needs.
- In all presentation listings the presenting author name is underlined.
- All presentations which are supported by free communication abstracts have an OC (oral communication), OP (oral poster) or P (poster) number listed next to them; you can use this to refer to the Abstract book in your congress bag and the detailed abstract.
- Some sessions include 'live scan' demonstrations: these are live updates on the latest techniques and technologies in the field which support the scientific data in the same subject area.
- The poster titles are listed in the pages immediately following the day of oral sessions. Oral posters are referenced to as 'OP' numbers and view only posters are referenced to as 'P' numbers.
- All oral poster (chaired discussion) sessions will be judged within their subject categories. The best oral poster presenters in each session will receive certificates and will be formally acknowledged in the Journal Ultrasound in Obstetrics & Gynecology.
- There will be one overall 'best abstract' prize awarded at the Annual General Meeting.
- There are allocated chaired poster discussion times for oral poster sessions (OP). Poster authors are asked to be present during the relevant discussion session (these are listed at the appropriate times in the program pages).
- The exhibition hall opens at 09:30 each day in time for the morning coffee break. All refreshment breaks are located within this room.

Visit the ISUOG Lounge in the Exhibition Hall to find out more about...

- ISUOG membership and ISUOG's new website
- Submitting articles to ISUOG's official journal: Ultrasound in Obstetrics and Gynecology (UOG)
- Accessing UOG online
- ISUOG's online educational resources



Special events on the ISUOG Stand:

- **Meet the Publisher:** representatives from the publisher Wiley-Blackwell will be on the ISUOG stand at all times.
- **Meet an Editor:** ISUOG's managing Editor Sarah Hatcher and/or UOG's Editors will be on the stand to answer any questions you have on the editorial process.
- **Membership & Website Clinic:** answer all your member queries and find out more about the new ISUOG website.

	Monday 25th	Tuesday 26th	Wednesday 27th	Thursday 28th
09:00 - 17:00 (all day)	Meet the Publisher			
10.00 - 11.15 (morning break)		Meet an Editor		Membership & Website Clinic
12.30 - 14.00 (lunch)	Meet an Editor	Membership & Website Clinic	Meet an Editor	Meet an Editor
15.45 - 16.30 (afternoon break)	Membership & Website Clinic		Membership & Website Clinic	

Program at a glance

Saturday 23 August 2008 InterContinental Chicago, Michigan Avenue

	InterContinental, Seville Ballroom	InterContinental, Valencia	InterContinental, Ballroom	
07:30	Registration – InterContinental			07:30
09:00–17:30	Differential diagnosis of congenital anomalies: an interactive experience	The use of ultrasound in infertility and reproductive medicine	Fetal echocardiography	09:00–17:30

Sunday 24 August 2008

	327	326	324	325	Grand Ballroom	Exhibition Hall	
07:30–20:00	Registration – Navy Pier						07:30–20:00
09:00–12:30	Obstetrics Just Images	Gynecology Just Images	Practical application of Doppler in Obstetrics and Gynecology	The 11–14 week scan			09:00–12:30
14:00–15:00					Welcome; top 5 abstracts		14:00–15:00
15:00–15:30					Gold medal presentation and lecture		15:00–15:30
15:30–16:00					ISUOG Annual General Meeting & presentations		15:30–16:00
16:00–16:30					Coffee break		16:00–16:30
16:30–17:15					Who wants to be an ultrasound millionaire?		16:30–17:15
17:15–18:30					Keynote lecture: Perceived for Birds <i>Dr Skip Granai</i>		17:15–18:30
18:30–21:30						Opening ceremony and welcome reception	18:30–21:30

Monday 25 August 2008

	ORAL SESSIONS		ORAL POSTERS	POSTERS	
07:00–07:45	Meet the Professor breakfast sessions, Ferris Room, InterContinental*				07:00–07:45
	Grand Ballroom	205–207	202, 204, 324–327	Exhibition hall	
08:00–08:45	Keynote lecture Non-invasive prenatal diagnosis: are cell-free nucleic acids better than ultrasound? <i>D. Bianchi (USA)</i>		OP01 OP02 OP03 OP04 OP05 OP06 OP07	P25 P26 P27 P28 P29 P30	08:00–08:45
08:45	Live scan demonstration				08:45
09:00–10:00	The 11–14 week scan	Complementary imaging and therapies			09:00–10:00
10:00–10:45			Chaired discussions		10:00–10:45
10:45–11:15	COFFEE & POSTER VIEWING				10:45–11:15
11:15–12:30	Live scan demonstration Fetal heart I: Cardiac function	Deep endometriosis			11:15–12:30
12:30–14:00	Medison satellite symposium (12:45–13:45)		LUNCH & POSTER VIEWING		12:30–14:00
14:00–16:00	Live scan demonstration Fetal CNS	Interactive sessions – clinical cases and images			14:00–16:00
16:00–16:30	COFFEE & POSTER VIEWING				16:00–16:30
16:30–18:00	Live scan demonstration 3D/4D and MRI	Abnormal bleeding and fibroids			16:30–18:00

Tuesday 26 August 2008

	ORAL SESSIONS		ORAL POSTERS	POSTERS	
07:00–07:45	Meet the Professor breakfast sessions, Ferris Room, InterContinental*				07:00–07:45
	Grand Ballroom	205–207	204, 324–327	Exhibition hall	
08:00–08:45	Keynote lecture Debate – First trimester Doppler: do the benefits outweigh the costs?		OP08 OP09 OP10 OP11 OP12	P31 P32 P33 P34 P35	08:00–08:45
08:45	Live scan demonstration				08:45
09:00–10:00	The second trimester scan	Reproductive medicine			09:00–10:00
10:00–10:45			Chaired discussions		10:00–10:45
10:45–11:15	COFFEE & POSTER VIEWING				10:45–11:15
11:15–12:30	Live scan demonstration Fetal heart II: Diagnostic advances	Assisted reproductive technologies (in association with ESHRE)			11:15–12:30
12:30–14:00	Siemens satellite symposium (12:45–13:45)		LUNCH & POSTER VIEWING		12:30–14:00
14:00–16:00	Live scan demonstration Fetal and maternal Doppler	Early pregnancy – PUL and ectopic pregnancy			14:00–16:00
16:00–16:30	COFFEE & POSTER VIEWING				16:00–16:30
16:30–18:00	Pre-term labour	Early pregnancy miscarriage			16:30–18:00

Program at a glance

Wednesday 27 August 2008

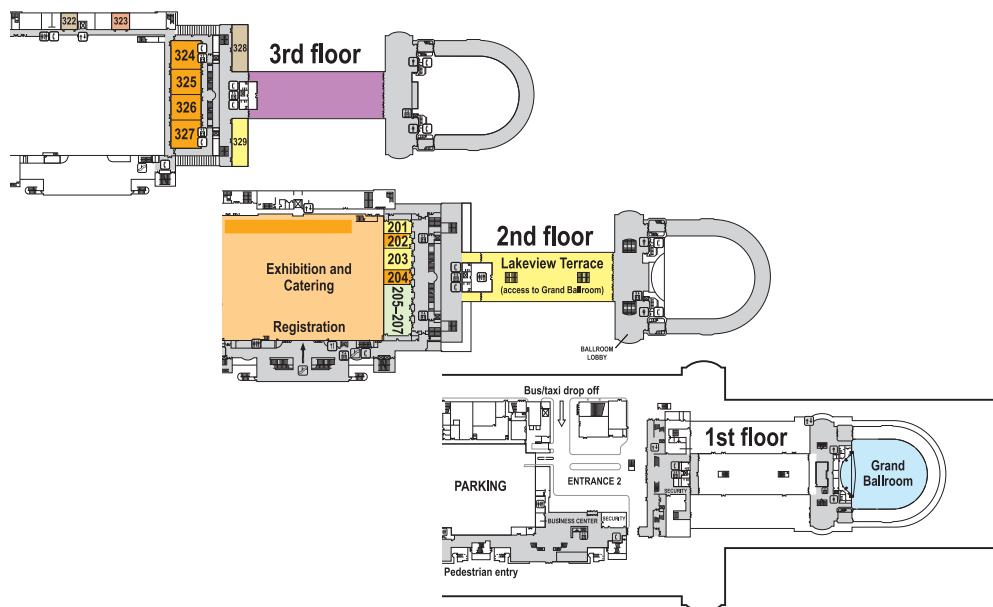
	ORAL SESSIONS		ORAL POSTERS	POSTERS	
07:00–07:45	Meet the Professor breakfast sessions, Ferris Room, InterContinental*				07:00–07:45
	Grand Ballroom	205–207	202, 204, 324–327	Exhibition hall	
08:00–08:45	Keynote lecture Molecular imaging in cardiology <i>P. Libby (USA)</i>		OP13 OP14 OP15 OP16 OP17 OP18	P36 P37 P38 P39 P40 P41	08:00–08:45
08:45	Live scan demonstration				08:45
09:00–10:00	Fetal growth & surveillance	Breast imaging			09:00–10:00
10:00–10:45			Chaired discussions		10:00–10:45
10:45–11:15	COFFEE & POSTER VIEWING				10:45–11:15
11:15–12:30	Live scan demonstration Multiple pregnancy	Gynecological oncology			11:15–12:30
12:30–14:00	GE Healthcare satellite symposium (12:45–13:45)		LUNCH & POSTER VIEWING		12:30–14:00
14:00–16:00	Live scan demonstration Ultrasound & obstetric management	Ovarian pathology lessons from clinical trials			14:00–16:00
16:00–16:30	COFFEE & POSTER VIEWING				16:00–16:30
16:30–18:00	Live scan demonstration Detailed fetal anatomy	Diagnosis and management of ovarian pathology			16:30–18:00

Thursday 28 August 2008

	ORAL SESSIONS		ORAL POSTERS	POSTERS	
07:00–07:45	Meet the Professor breakfast sessions, Ferris Room, InterContinental*				07:00–07:45
	Grand Ballroom	205–207	202, 204, 324–327	Exhibition hall	
08:00–08:45	Keynote lecture Why pelvic floor reconstructive surgeons need ultrasound imaging <i>H. Dietz (Australia)</i>		OP19 OP20 OP21 OP22 OP23 OP24	P42 P43 P44 P45 P46	08:00–08:45
08:45	Live scan demonstration				08:45
09:00–10:00	Fetal heart III: 4D & outcomes	Imaging the pelvic floor			09:00–10:00
10:00–10:45			Chaired discussions		10:00–10:45
10:45–11:15	COFFEE & POSTER VIEWING				10:45–11:15
11:00–12:30	Fetal interventions	Menopausal endometrium & screening for pelvic pathology			11:00–12:30
12:30–14:00	Philips satellite symposium (12:45–13:45)		Hamburgers and beer – welcome to Hamburg 2009! LUNCH & POSTER VIEWING		12:30–14:00
14:00–16:30	Controversies in obstetric imaging – Debate: Is 3D/4D clinically useful?				14:00–16:30

Key:

- Location – Navy Pier
- Location – InterContinental hotel
- Pre-Congress courses
- Opening plenaries
- Social
- Gynecology sessions
- Obstetric sessions
- Live scan
- Speaker preparation room
- Exhibition
- Sponsors
- Meeting room
- Posters



* Meet the professor breakfasts must be pre-booked, see page 9 for details

Posters at a glance

OP – Oral Posters are presented at 10:00 and are available for viewing all day

P – Posters are available for viewing all day

Day		Poster session	Discussion time	Room
Monday	OP	OP01: Aneuploidy screening in the first trimester	10:00–10:45	325
	OP	OP02: Fetal heart I		324
	OP	OP03: Fetal neurosonography and CNS anomalies		326
	OP	OP04: Imaging techniques and technology		327
	OP	OP05: Complementary imaging and therapies		Presentation: 205–207; viewing: 204
	OP	OP06: Pelvic pain and endometriosis		202
	OP	OP07: Abnormal bleeding and fibroids		
	P	P25: Aneuploidy and other fetal anomalies in the first trimester	Viewing all day	Exhibition hall
	P	P26: Fetal echocardiography and CHD I		
	P	P27: Fetal neurosonography and CNS anomalies		
	P	P28: New imaging technologies		
	P	P29: Pelvic pain and endometriosis		
	P	P30: Abnormal bleeding and fibroids		
	Tuesday	OP	OP08: Fetal heart II	10:00–10:45
OP		OP09: First trimester ultrasound	325	
OP		OP10: Multiple pregnancies	327	
OP		OP11: Pre-eclampsia screening and uterine artery Doppler	326	
OP		OP12: Early pregnancy	Presentation: 205–207; viewing: 204	
P		P31: Fetal echocardiography and CHD II	Viewing all day	Exhibition hall
P		P32: Maternal fetal Doppler		
P		P33: Second and third trimester malformations I		
P		P34: Ultrasound in obstetric management I		
P		P35: Early pregnancy		
Wednesday		OP	OP13: Fetal anomalies I	10:00–10:45
	OP	OP14: Fetal growth restriction	324	
	OP	OP15: Screening and diagnosis in pregnancy	327	
	OP	OP16: Twins	326	
	OP	OP17: Ovarian masses	Presentation: 205–207; viewing: 204	
	OP	OP18: Reproductive medicine		
	P	P36: Fetal growth restrictions	Viewing all day	Exhibition hall
	P	P37: Multiple pregnancies		
	P	P38: Second and third trimester malformations II		
	P	P39: Ultrasound in obstetric management II		
	P	P40: Ovarian masses		
P	P41: Reproductive medicine			
Thursday	OP	OP19: Fetal anomalies II	10:00–10:45	325
	OP	OP20: Fetal Doppler		326
	OP	OP21: Fetal heart III		324
	OP	OP22: Fetal interventions		327
	OP	OP23: Ultrasound in obstetric management		202
	OP	OP24: Pelvic floor		Presentation: 205–207; viewing: 204
	P	P42: Fetal interventions	Viewing all day	Exhibition hall
	P	P43: Fetal MRI		
	P	P44: Second and third trimester screening and diagnosis		
	P	P45: Pelvic floor		
	P	P46: Complementary imaging and therapies		

Meet the Professor breakfast sessions

Meet the Professor breakfast sessions will be held in the Intercontinental Chicago from Monday 25 to Thursday 28 August at 7:00am and will run for 45 minutes. They must be booked in advance, and can be booked at the registration desk for \$38 per session. You will need your ticket for entry.

Day	Professor	Session title
Monday	A. Abuhamad (USA)	Obstetrical sonography – tricks of the trade
	L. Allan (UK)	Tips and tricks for fetal cardiac screening
	S. Campbell (UK)	4D ultrasonography – why, when, how?
	G. DeVore (USA)	Beyond the 4 chamber view – getting used to the outflow tract
	S. Goldstein (USA)	Significance of incidental sonographic findings in post menopausal women
	J. Hobbins (USA)	The undergrown fetus – what to do with it?
	K. Maršál (Sweden)	Ultrasound in your daily practice – how to keep it safe
Tuesday	J. Carvalho (UK)	Fetal heart screening and scanning during the first trimester
	J. Copel (USA)	Prenatal diagnosis of fetal heart dysrhythmias
	K. Hecher (Germany)	Assessment of chorionicity and its consequences on management in multiple pregnancy
	D. Jurkovic (UK)	The contribution of 3D to gynecological diagnosis
	G. Pilu (Italy)	Posterior fossa anomalies – assessment and counselling
	D. Timmerman (Belgium)	Diagnosis of ovarian tumours
	C. Spong (USA)	Progesterone and prematurity prevention
Wednesday	A. Baschat (USA)	Management of fetal growth restriction
	R. Chaoui (Germany)	The three-vessel trachea view
	E. Gratacós (Spain)	Congenital diaphragmatic hernia
	L. Platt (USA)	3D /4D ultrasound – optimising your yield in clinical diagnosis
	I. Timor-Tritsch (USA)	3D in gynecology – luxury or necessity?
	Y. Ville (France)	Monochorionic twins
	S. Yagel (Israel)	Added value of 3D/4D in the diagnosis of congenital heart disease
Thursday	J. Abramowicz (USA)	3D/4D – the basics
	C. Brezinka (Austria)	Safety of 1st trimester ultrasound – are we going too far?
	D. Pretorius (USA)	3D ultrasound of the pelvic floor
	R. Quintero (USA)	Twin-twin transfusion syndrome and selective IUGR in monochorionic twins
	L. Valentin (Sweden)	Postmenopausal bleeding



Program – Saturday 23 August 2008

Pre-Congress courses

InterContinental Hotel, Chicago

COURSE 1 Differential diagnosis of congenital anomalies: an interactive experience (with vignettes from traditional 2D, 3D, 4D, and Doppler) *Rm Seville Ballroom*

- Course directors: *R. Romero (USA); L. Yeo (USA)*
- 09:30 Introduction and "Rules of the Game" – 5 minutes
R. Romero (USA)
- Session 1**
- 09:35 Case presentation questions
- 10:05 **First set of case presentations** – 7 cases, 15 minutes
- 10:05 *I. Timor-Tritsch (USA)*
- 10:20 *L. Yeo (USA)*
- 10:35 *E. Merz (Germany)*
- 10:50 *G. Malinge (Israel)*
- 11:05 *L. Yeo (USA)*
- 11:20 *J. Abramowicz (USA)*
- 11:35 *W. Lee (USA)*

11:50–12:50 Lunch

- Session 2**
- 12:50 Case presentation questions
- 13:20 **Second set of case presentations** – 7 cases, 15 minutes
- 13:20 *R. Romero (USA)*
- 13:35 *D. Pretorius (USA); D. D'Agostini (USA)*
- 13:50 *T. Kiserud (Norway)*
- 14:05 *R. Quintero (USA)*
- 14:20 *R. Sabbagha (USA)*
- 14:35 *D. Maulik (USA)*
- 14:50 *J. Espinoza (USA)*

15:05–15:20 Coffee

- Session 3**
- 15:20 Case presentation questions
- 15:20 **Third set of case presentations** – 7 cases, 15 minutes
- 15:50 *W. Sepulveda (Chile)*
- 16:05 *K. Kalache (Germany)*
- 16:20 *A. Monteagudo (USA)*
- 16:35 *H. Blaas (Norway)*
- 16:50 *G. Mari (USA)*
- 17:05 *H. Galan (USA)*
- 17:20 *S. Rigano (Italy)*

COURSE 2 The use of ultrasound in infertility and reproductive medicine *Rm Valencia* (supported by GE Healthcare[^])

- Course directors: *S. Goldstein (USA); N. Raine-Fenning (UK)*
- 9:00 Introduction
S. Goldstein (USA)
- 9:35 Imaging modalities: an overview of ultrasound options
N. Raine-Fenning (UK)
- 10:05 Ultrasound assessment prior to infertility treatment
L. Puscheck (USA)
- 10:35 Congenital anomalies of the reproductive tract
D. Pretorius (USA), A. Lev-Toaff (USA)
- 11:05 Q & A

11:15–11:30 Coffee

- 11:30 Tubal assessment and disease
I. Timor-Tritsch (USA)

Program – Saturday 23 August 2008

12:00	Saline infusion sonohysterography: techniques and clinical applications <i>S. Goldstein (USA)</i>
12:30	Ultrasound in ART <i>M. Blanchette-Porter (USA)</i>
13:00	Q & A
13:15–14:15	Lunch
14:15	The polycystic ovary: clarification of the Rotterdam criteria and clinical importance <i>N. Raine-Fenning (UK)</i>
14:45	The use of ultrasound in menopausal patients <i>S. Goldstein (USA)</i>
15:15	Fibroids: sonographic detection and clinical management <i>L. Puscheck (USA)</i>
15:45	Q & A
16:00–16:15	Coffee
16:15	Early pregnancy: normal and abnormal <i>G. Condous (Australia)</i>
16:45	The use of ultrasound in the evaluation of pelvic pain <i>A. Parsons (USA)</i>
17:15–17:30	Conclusions

COURSE 3 **Fetal echocardiography** (supported by Medison[^]) **Rm Ballroom**

<i>Course directors: L. Allan (UK); G. DeVore (USA)</i>	
09:30	Introduction <i>G. DeVore (USA); L. Allan (UK)</i>
09:45	Embryology of the heart <i>W. Lee (USA)</i>
10:15	First trimester echocardiography: endovaginal approach <i>R. Achiron (USA)</i>
10:35	First trimester echocardiography: trans abdominal approach <i>J. Carvalho (UK)</i>
10:55	Differences between the screening examination of the heart and the fetal echocardiogram <i>G. DeVore (USA)</i>
11:15–11:35	Coffee
11:35	3D/4D STIC ultrasound: internet consultation <i>F. Vinals (Chile)</i>
12:05	Genetic ultrasound: the role of fetal echocardiography <i>G. DeVore (USA)</i>
12:35	Questions
12:50–13:50	Lunch
13:50	Tetralogy of Fallot – echo features in the fetus <i>J. Espinoza (USA)</i>
14:10	Tetralogy of Fallot: implications for the child / counselling <i>N. Silverman (USA)</i>
14:30	Complete heart block – diagnosis, management and prognosis <i>B. Cuneo (USA)</i>
14:50	Coarctation of the aorta in the fetus and postnatal outcome <i>H. Gardiner (UK)</i>
15:10–15:40	Coffee
15:40	CHD and NT: an update <i>L. Allan (UK)</i>
16:05	Fetal echocardiography: panel quiz <i>All</i>
17:05	Questions
17:30	Close

[^] Scientific content of the course is defined by the course directors and approved by ISUOG. Ultrasound systems and technical support is generously provided by our Congress supporters.

Program – Sunday 24 August 2008

Pre-Congress courses

Navy Pier

COURSE 4 **Obstetrics Just Images** (supported by GE Healthcare[^]) Rm 327

Course directors: J. Hobbins (USA); I. Timor-Tritsch (USA)

- 09:00 Introduction
J. Hobbins (USA)
- 09:10 Skeletal
R. Romero (USA)
- 09:30 GI, Kidney
W. Sepulveda (Chile)
- 09:50 Doppler
J. Hobbins (USA)

10:10 Coffee

- 10:30 Heart
S. Yagel (Israel)
- 10:50 CNS
I. Timor-Tritsch (USA)
- 11:10 3D cases
J. Hobbins (USA)
- 11:40 3D cases
I. Timor-Tritsch (USA)
- 12:10 Questions and discussion
- 12:30 Close

COURSE 5 **Gynecology Just Images** Rm 326

Course directors: B. Benacerraf (USA); S. Campbell (UK)

- 9:00 Introduction
B. Benacerraf (USA); S. Campbell (UK)
- 9:05 Intro and Grey scale appearance of adnexal (mostly ovarian) masses
B. Benacerraf (USA)
- 9:30 The tubes, pelvic floor and anal anatomy
I. Timor-Tritsch (USA)
- 9:55 Infertility and related topics
S. Campbell (UK)
- 10:20 Q & A

10:40–11:00 Coffee

- 11:00 Involving Doppler in the evaluation of the pelvis
D. Timmerman (Belgium)
- 11:25 Early pregnancy
D. Jurkovic (UK)
- 11:50 Wrap up – clinical scenarios
S. Goldstein (USA)
- 12:10 Q&A
- 12:30 Close

COURSE 6 **Practical application of Doppler in Obstetrics and Gynecology** Rm 324

Course director: C. Brezinka (Austria)

- 09:00 Introduction
- 09:10 A round trip through the fetal circulation
C. Brezinka (Austria)
- In this lecture we sit on a fetal erythrocyte and, starting in the umbilical vein, move through the fetal circulation until we return, depleted of oxygen, through the umbilical artery. We recapitulate vascular anatomy and develop an idea of how the Doppler waveform changes depending where the vessel is and what forces are exercised on it.
- 09:30 Applying Doppler principles to obtain waveforms
A. Baschat (USA)
- In this presentation we get to know the most important fetal vessels being examined in the clinical context of obstetrical Doppler, the concept of qualitative, semi quantitative and quantitative waveform analysis will also be discussed.

Program – Sunday 24 August 2008

09:50	What are all the knobs and switches for? <i>C. Lees (UK)</i> In this presentation we get to know all the various items on the panel and keyboard of the ultrasound machine that can help us improve our Doppler image but can also lead us to blur or even wipe out useful information. Doppler operators should learn to be as familiar with the knobs and switches of their ultrasound machine as with the dashboard of their cars or the front panel of their stereos.
10:10	Q&A
10:30 – 10:45	Coffee
10:45	Safety issues in obstetrical Doppler ultrasound <i>K. Maršál (Sweden)</i> In this presentation we learn about basic safety aspects, starting from mechanical and thermal indices and how we change them all the time when performing Doppler and colour Doppler.
11:05	Getting the most out of Doppler in obstetric practice <i>S. Gudmundsson (Sweden)</i> In this presentation we will learn about the use of Doppler in high-risk pregnancies, especially IUGR and how the Doppler information can be used to select cases for special surveillance or delivery.
11:25	Doppler, 3D and the heart: friends or foes? <i>B. Tutschek (Germany)</i> Armed with the knowledge to use colour Doppler in the fetal "standard" vessels, let's now turn to the heart and find out (i) how to use color Doppler to find small vessels near the heart, (ii) why and how to study ventricular filling and emptying with Doppler and (iii) discuss possible uses of 3D/4D STIC with colour Doppler.
11:45	Q&A
12:00	Panel: Rational Doppler use in Obstetrics – when to act and what to do when Doppler findings turn suspicious <i>D. Maulik (USA); A. Baschat (USA); C. Lees (UK)</i>
12:30	Close

COURSE 7 The 11–14 week scan

Rm 325

	<i>Organised by K. Nicolaides, Fetal Medicine Foundation, UK</i>
08.30	Overview of first and second trimester ultrasound and biochemical screening for chromosomal abnormality <i>K. Nicolaides (UK)</i>
09.30	Amnio vs CVS <i>R. Wapner (USA)</i>
09.45	Nasal bone and facial angle <i>J. Sonek</i>
10.10	Diagnosis of fetal cardiac defects in the first trimester <i>J. Carvalho (UK)</i>
10.25	Increased Nuchal and normal karyotype <i>C. Bilardo (Netherlands)</i>
10.40	Tricuspid and ductus flow <i>K. Nicolaides (UK)</i>
11.00	Current state of screening in the USA <i>A. Abuhamad (USA)</i>
11.15	Successful introduction of a national combined screening program <i>A. Tabor (Denmark)</i>
11.30	Screening for pre eclampsia, fetal growth restriction and fetal death <i>K. Nicolaides (UK)</i>
12.00	Questions and discussion
12.30	Close

Program – Sunday 24 August 2008

18th World Congress

14:00 Welcome
K. Hecher (Germany); L. Platt (USA); J. Abramowicz (USA)

14:15–15:00 Top 5 Abstracts Grand Ballroom

- Chairs: K. Hecher (Germany); A. Baschat (USA)*
- 14:15 Prospective assessment of simple rules to distinguish between malignant and benign adnexal masses prior to surgery OC001
D. Timmerman¹; L. Amedy²; C. Van Holsbeke³; R. Fruscio²; A. Czekierdowski⁴; S. Guerriero²; A. Testa²; V. Vandembroucke¹; T. Bourne⁵; B. Van Calster¹; G. Betsas¹; P. Neven¹; S. Van Huffel¹; L. Valentin⁵
¹(Belgium); ²(Italy); ³(Poland); ⁴(UK); ⁵(Sweden)
- 14:20 Discussion
- 14:23 BOLD MRI: a reliable non-invasive method for measuring changes in fetal tissue oxygenation OC002
A. Sorensen; M. Pedersen; A. Tietze; L. Ottesen; L. Duus; N. Ulbjerg (Denmark)
- 14:28 Discussion
- 14:31 The effect of vaginal childbirth on levator hiatal dimensions OC003
K. Shek; H. Dietz (Australia)
- 14:36 Discussion
- 14:39 Fetal cardiac output determination by four-dimensional fetal echocardiography using spatiotemporal image correlation OC004
(STIC) and VOCALTM
N. Hamill; R. Romero; S. Myers; J. Kusanovic; P. Mittal; A. Carletti; T. Chaiworapongsa; E. Vaisbuch; J. Espinoza; F. Gotsch; W. Lee; L. Goncalves; S. Hassan (USA)
- 14:44 Discussion
- 14:47 Ultrasound bioeffects: quantification of cellular damage in animal fetal liver after use of Doppler pulse to measure ductus OC005
venous
B. Pellicer; S. Herraiz; T. Russell; A. Montllor; V. Felipo; C. Simon; A. Pellicer (Spain)
- 14:52 Discussion

15:00 Gold medal lecture and ISUOG presentations Grand Ballroom

- Chairs: S. Campbell (UK); K. Maršál (Sweden); S. Eik-Nes (Norway)*
- 15:00 Introduction of the Ian Donald Gold Medal winner and presentation of the medal
J. Hobbins (USA)
- 15:05 Ian Donald Gold Medal lecture: Igniting the future
L. Platt (USA)
- 15:25 Presidential handover
S. Campbell (UK); L. Platt (USA); K. Hecher (Germany); G. Pilu (Italy)
- 15:30 ISUOG Annual General Meeting
Chair: K. Hecher (Germany)

16:00–16:30 Coffee Ballroom lobby

16:30 Who wants to be an ultrasound millionaire? Grand Ballroom

- Chairs: A. Baschat (USA); L. Platt (USA)*
Host: B. Thilaganathan (UK)
Professors: R. Chaoui (Germany); H. Gardiner (UK); S. Goldstein (USA); K. Nicolaidis (UK); L. Valentin (Sweden)
Challengers: G. Condous (Australia); C. Berg (Germany); E. Kirk (UK); A. Odibo (USA); A. Papageorghiou (UK)
- 17:10 **Short interval** – Accompanying persons and guests may join the session here

17:15 Keynote lecture: Perceived for Birds Grand Ballroom

Dr Skip Granai (USA)

Often things seem obvious. Though true in some instances, are unquestioned answers always fact? Or, could it be that... down is up, left is right, dark is light? A philosophical look at these questions will be discussed, offering new insights into every day questions. Framed in the context of physicians, could challenging standing-assumptions, and examining ourselves, point to better ways of caring? For example, are you afraid of dying or suffering? Aware of such universal fears, how can we improve the care of patients facing life's most difficult circumstances? "Perceived for Birds" re-explores the needs of patients, physicians, and the vital relationship between the two. Fortunately, many solutions are readily found in the science and art of medicine. But in our hectic world, just remembering "to look" is difficult enough. A simple question can help: "Can we do more?" Bring your p-values, introspection, and spirit to consider what brought us "here" in the first place, and – now that we're back – what might we do better? Asked in an odd "poetic" sense, could it be that...surely rather, fish's gather, in a place perceived for birds.

18:30 South Shore Drill Team Grand Ballroom

18:45 Welcome reception Exhibition Hall

Program – Monday 25 August 2008

Meet the Professor breakfasts*

Ferris Room, InterContinental

08:00–08:45	Keynote Lecture	Grand Ballroom
08:00	<p>Chair: <i>L. Platt (USA)</i> Non-invasive prenatal diagnosis: are cell-free nucleic acids better than ultrasound? <i>D. Bianchi (USA)</i></p>	
08:45–10:00	The 11–14 week scan	Grand Ballroom
08:45	<p>Chairs: <i>K. Nicolaidis (UK); M. Bronshtein (Israel)</i> Live scan demonstration (supported by Toshiba*) <i>C. Bilardo (Netherlands)</i></p>	
09:05	<p>Overview <i>K. Nicolaidis (UK)</i></p>	
09:10	<p>Should uterine artery Doppler be taken into account in interpreting low PAPP-A values in the first-trimester screening for chromosomal defects? <i>A. Galindo; I. Herraiz; E. Lopez; J. Arbues; A. Grañeras; E. Gómez; P. Manosalvas (Spain)</i></p>	OC006
09:20	<p>First trimester screening markers are altered in pregnancies conceived after IVF/ICSI <i>A. Gjerris; A. Loft; A. Pinborg; M. Christiansen; A. Tabor (Denmark)</i></p>	OC007
09:25	<p>Improved performance of first-trimester screening for trisomy 21 with the double test taken before a gestational age of 10 weeks <i>I. Kirkegaard; O. Petersen; N. Uldbjerg; N. Tørring (Denmark)</i></p>	OC008
09:30	Discussion	
09:38	<p>Evaluation of combined first-trimester screening – Czech multi-center study <i>K. Dlouha; I. Kucerova; P. Calda; D. Smetanova; M. Brestak; A. Hudec; H. Viskova; D. Stejskal; J. Turek; I. Malbohan (Czech Republic)</i></p>	OC009
09:43	<p>Changes in the pattern of invasive prenatal diagnostic testing after the introduction of a national policy of first trimester screening <i>A. Tabor; C. Vestergaard; C. Ekelund; Ø. Lidegaard (Denmark)</i></p>	OC010
09:48	Discussion	
09:53	<p>First trimester screening in Europe: Comparison of the algorithm of Fetal Medicine Foundation Germany (FMF-D) with the algorithm of Fetal Medicine Foundation England (FMF-UK) <i>E. Merz; C. Thode; S. Wellek; A. Alkier; B. Eiben; B. Hackeloer; M. Hansmann; G. Huesgen; P. Kozlowski; M. Pruggmaier (Germany)</i></p>	OC011
09:58	Discussion	
09:00–10:00	Complementary imaging and therapies	Rm 205–207
09:00	<p>Chairs: <i>I. Timor-Tritsch (USA); D. Timmerman (Belgium)</i> Ultrasound contrast studies <i>A. Testa (Italy)</i></p>	
09:15	<p>Applications of 3D ultrasound in gynecology <i>B. Benacerraf (USA)</i></p>	
09:30	<p>Ultrasound Guided trucut biopsies of solid pelvic tumors <i>D. Fischerova (Czech Republic)</i></p>	
09:45	<p>Endometrial aspiration before or after Saline Infusion Sonography (SIS) and specimen quality in case of abnormal uterine bleeding; a randomised study <i>A. Bij de Vaate; C. van Doorninck; M. Visser; J. van der Slikke; H. Brolmann (Netherlands)</i></p>	OC012
09:50	Discussion	
09:53	<p>Contrast enhanced harmonic transvaginal sonography of morphologically abnormal ovarian masses <i>A. Fleischer; A. Lyshchik; H. Jones III; M. Crispens; M. Loveless; R. Andreotti; D. Fishman (USA)</i></p>	OC013
09:58	Discussion	
10:00–10:45	Chaired oral poster discussions	
	<p>Rm 325: Aneuploidy screening in the first trimester Chairs: <i>R. Wapner (USA); P. Calda (Czech Republic)</i></p>	OP01
	<p>Rm 324: Fetal heart I Chairs: <i>R. Achiron (Israel); B. Cuneo (USA)</i></p>	OP02
	<p>Rm 326: Fetal neurosonography and CNS anomalies Chairs: <i>F. Vinals (Chile); G. Pilu (Italy)</i></p>	OP03
	<p>Rm 327: Imaging techniques and technology Chairs: <i>W. Lee (USA); E. Merz (Germany)</i></p>	OP04
	<p>Rm 205–207: Complementary imaging and therapies Chairs: <i>A. Testa (Italy); S. Laifer-Narin (USA)</i></p>	OP05

*Sessions must be pre-booked, see page 9 for details

*Scientific content of live scan sessions is defined by ISUOG. Ultrasound systems & technical support is provided by our Congress supporters.

Program – Monday 25 August 2008

Rm 202: Pelvic pain and endometriosis OP06
Chairs: J. Alcázar (Spain); T. Van Den Bosch (Belgium)

Rm 202: Abnormal bleeding and fibroids OP07
Chairs: S. Goldstein (USA); E. Stewart (USA)

10:30–11:15 Coffee and poster viewing Exhibition hall

11:15–12:30 Fetal heart I: Cardiac function Grand Ballroom

Chairs: C. Kleinman (USA); L. Allan (UK)

- 11:15 Overview and live scan demonstration (supported by Siemens*)
L. Allan (UK); H. Gardiner (UK)
- 11:45 Left atrial dynamics in fetuses of diabetic mothers OC014
P. Zielinsky; S. Luchese; J. Manica; A. Piccoli Jr; L. Nicoloso; M. Leite; L. Hagemann; A. Busato; M. Moraes (Brazil)
- 11:50 Discussion
- 11:53 Do ventricular strain measurements aid early risk stratification in MCDA pregnancies with TTTS? OC015
H. Matsui; M. Roughton; R. Wimalasundera; H. Gardiner (UK)
- 11:58 Discussion
- 12:01 Signs of decreased cardiac performance in anti-Ro52/SSA antibody exposed fetuses with prolonged atrioventricular time intervals OC016
S. Sonesson; G. Bergman; H. Eliasson; K. Bremme; M. Wahren-Herlenius (Sweden)
- 12:06 Discussion
- 12:09 Assessment of ventricular function by myocardial tissue doppler in fetuses with intrauterine growth restriction OC017
A. Naujorks; P. Zielinsky; P. Beltrame; R. Castagna; R. Petracco; A. Busato; L. Nicoloso; A. Piccoli Jr; J. Manica (Brazil)
- 12:14 Discussion
- 12:17 Is diastolic cardiac function gender dependent? – Comparative study of fetuses referred for fetal echocardiogram OC018
S. Clur; J. Ottenkamp; C. Bilardo (Netherlands)
- 12:22 Discussion
- 12:25 Reproducibility of echocardiographic measurements of human fetal left ventricular volumes and ejection fractions using 4D ultrasound with the STIC modality OC019
E. Schoonderwaldt; I. Groenenberg; W. Hop; J.W. Wladimiroff; E. Steegers (Netherlands)

11:15–12:30 Deep endometriosis Rm 205–207

Chairs: B. Benacerraf (USA); C. Exacoustos (Italy)

- 11:15 Imaging and operating on endometriotic nodules – saline vaginography for assessing the utero-vaginal septum OC020
*G. Condous¹; T. Bignardi²; D. Alhamdan¹; C. Lu²
¹(Australia); ²(UK)*
- 11:30 Pain, fertility and endometriosis
A. Parsons (USA)
- 11:45 Assessment of pattern recognition for the ultrasound diagnosis of an endometrioma OC021
*S. Guerriero¹; L. Savelli²; F. Leone³; A. Lissoni¹; A. Testa¹; T. Bourne²; L. Valentin³; D. Timmerman⁴; C. Van Holsbeke⁴
¹(Italy); ²(UK); ³(Sweden); ⁴(Belgium)*
- 11:50 Discussion
- 11:53 Sonographic findings in adenomyosis – before and after insertion of levonorgestrel intrauterine device OC022
M. Onofriescu; D. Nemescu; D. Dragomir (Romania)
- 11:58 Discussion
- 12:01 Sonographic evaluation of deep pelvic endometriosis: endovaginal-, transrectal- and vaginosonography to assess the extension of the disease OC023
C. Exacoustos; E. Zupi; B. Szabolcs; A. Amadio; C. Amoroso; E. Vaquero; M. Romanini; D. Arduini (Italy)
- 12:06 Discussion
- 12:09 Assessment of recto-vaginal endometriosis using sonovaginography OC024
E. Cosmi; C. Saccardi; B. Baldasso; P. Litta (Italy)
- 12:14 Discussion
- 12:17 Ultrasound characteristics of typical and atypical endometriomas OC025
*C. Van Holsbeke¹; B. Van Calster²; S. Guerriero²; L. Savelli²; D. Paladini²; A. Lissoni²; G. Mestdagh¹; A. Testa²; L. Valentin³; D. Timmerman¹
¹(Belgium); ²(Italy); ³(Sweden)*
- 12:22 Discussion

12:30–14:00 Lunch and poster viewing Exhibition hall

12:45–13:45 Medison satellite symposium ** Grand Ballroom

3D Routine fetal sonography. Made simple. (see page 54 for details).

Program – Monday 25 August 2008

14:00–16:00	Fetal CNS	Grand Ballroom
	<i>Chairs: R. Romero (USA); G. Malinge (Israel)</i>	
14:00	Live scan demonstration (supported by Philips*) <i>I. Timor-Tritsch (USA)</i>	
14:20	Overview <i>G. Malinge (Israel)</i>	
14:30	Ultrasound imaging of the abnormal fetal brain in virtual reality <i>B. Tutschek¹; G. Pili²</i> <i>¹(Germany); ²(Italy)</i>	OC026
14:35	The transfrontal view: a window to transabdominal visualization and volume analysis of fetal midline cerebral structures <i>F. Vinals; R. Naveas; A. Giuliano (Chile)</i>	OC027, OC028
14:45	Discussion	
14:50	Median view obtained by an off-line analysis of 3D fetal brain volume can provide easy and reliable measurements of the cerebellar vermis, cisterna magna and nuchal fold <i>E. Bornstein; A. Monteagudo; L. Platt; R. Santos; I. Timor-Tritsch (USA)</i>	OC029
14:55	Three-dimensional ultrasound enhances the identification of vermian fissures in the normal and abnormal cerebellum <i>D. Paladini; G. Sglavo; I. Penner; C. Nappi (Italy)</i>	OC030
15:00	Discussion	
15:05	Sonographic nomograms of the fetal vermian fastigium between 15–40 weeks gestation <i>R. Tepper; D. Kidron; R. Hershkovitz (Israel)</i>	OC031
15:10	Study on the fetal cerebellar vermis of Dandy-Walker Syndrome with the third plane image of three-dimensional ultrasonography <i>H. Xie; D. Cai; Y. Zhu; L. Li (China)</i>	OC032
15:15	Developmental outcome of children with a large cisterna magna diagnosed in-utero <i>G. Malinge; R. Dror; L. Ben-Sira; C. Pick; D. Lev; T. Lerman-Sagie (Israel)</i>	OC033
15:20	Discussion	
15:28	Management of prenatally diagnosed ventriculomegaly <i>J. Weichert; D. Hartge; M. Krapp; C. Berg; A. Geipel; U. Gembruch; U. Germer; R. Axt-Fliedner (Germany)</i>	OC034
15:33	In-utero resolution of mild cerebral ventriculomegaly and gender <i>J. Swartout; Y. Yamamura; J. Nyholm; M. Hovis; J. Tullberg; K.D. Ramin; J. Mastrobattista (USA)</i>	OC035
15:38	Pregnancy outcome following primary fetal infection with CMV, followed up by U/S and fetal brain MRI <i>S. Lipitz; B. Feldman; Y. Yinon; M. Tepperberg; E. Schiff; C. Hoffman (Israel)</i>	OC036
15:43	Discussion	
14:00–16:00	Interactive sessions – clinical cases and images	Rm 205-207
	<i>Chairs: L. Platt (USA); D. Jurkovic (UK)</i>	
14:00	Early pregnancy <i>G. Condous (Australia); E. Kirk (UK)</i>	
14:30	The baseline fertility scan <i>N. Raine-Fenning (UK)</i>	
15:00	The morphology of specific ovarian tumors <i>A. Testa (Italy); L. Valentin (Sweden)</i>	
15:30	Endometrial pathology <i>S. Goldstein (USA)</i>	
16:00–16:30	Coffee and poster viewing	Exhibition hall
16:30–18:00	3D/4D and MRI	Grand Ballroom
	<i>Chairs: K. Maršál (Sweden); D. Pretorius (USA)</i>	
16:30	Live scan demonstration (supported by GE Healthcare*) 3D/4D Ultrasound: acquiring and processing <i>G. DeVore (USA); A. Abuhamad (USA)</i>	
16:50	Overview <i>D. Pretorius (USA)</i>	
17:00	Volume calculation of intracranial structures using 3-D ultrasound in normal and growth restricted fetuses <i>E. Hernandez-Andrade; J. Benavides Serralde; M. Scheier; F. Crispi; J. Fernandez-Delgado; F. Figueras; E. Gratacós (Spain)</i>	OC037
17:05	Discussion	
17:08	Sonographic assessment of the normal fetal secondary palate using a novel three-dimensional ultrasound approach <i>J. Faure; M. Bäuml; P. Boulot (France)</i>	OC038

Program – Monday 25 August 2008

17:13	Three dimensional (3D) ultrasound imaging of fetal palate between twelve and sixteen weeks' gestation <i>L. Gindes; M. Zajicek; B. Weisz; A. Shrim; R. Achiron (Israel)</i>	OC039
17:18	Evaluation of the secondary palate by 3-D ultrasonography <i>G. Ramos; L. Romine; L. Gindes; T. Wolfson; D. D'Agostini; D. Pretorius; L. Sujin; M. McGahan (USA)</i>	OC040
17:23	Discussion	
17:33	A new direct technique for fetal cardiac function evaluation: 4D-MPI with STIC acquisition <i>B. Messing; D. Valsky; D. Rosenak; S. Cohen; S. Yagel (Israel)</i>	OC041
17:38	A new method of evaluation of fetal cardiac contractility with 4D ultrasonography <i>B. Messing; D. Valsky; D. Rosenak; S. Cohen; S. Yagel (Israel)</i>	OC042
17:43	Discussion	
17:46	Seeking the optimal number of shots for proper fetal diuresis measurement by 3D vocal technique <i>M. Yamamoto; R. Rojas; P. Valentini; D. Pedraza; J. Valdivia; H. Muñoz; A. Insunza; J. Carrillo; M. Polanco; A. Hernandez; J. Astudillo (Chile)</i>	OC043
17:51	Discussion	
17:54	Volume derived coronal imaging of the lower uterine segment, a novel technique to accurately identify the internal os of the cervix in difficult clinical scenarios <i>G. Bega; V. Berghella; M. Bisulli; C. Harvey; S. Weiner (USA)</i>	OC044
17:59	Discussion	

16:30–18:00 Abnormal bleeding and fibroids

Rm 205–207

	<i>Chairs: A. Fleischer (USA), E. Epstein (Sweden)</i>	
16:30	Optimal sequence of investigations in a "one stop" bleeding clinic <i>T. Van den Bosch (Belgium)</i>	
16:50	Focused ultrasound surgery and embolization for fibroids <i>E. Stewart (USA)</i>	
17:10	Prognostic markers of malignancy at sonohysterography in post-menopausal patients with post-menopausal bleeding and thickened endometrium at transvaginal sonography <i>F. Leone; C. Marciante; G. Tosi; C. Lanzani; T. Bignardi; E. Ferrazzi (Italy)</i>	OC045
17:15	Discussion	
17:18	The addition of lidocaine to the gel used for gel infusion sonography (GIS) & the removal of focal intracavity lesions: does it make sense? <i>T. Van den Bosch; V. Vandenbroucke; A. Daemen; E. Domali; D. Van Schoubroeck; B. De Moor; J. Deprest; D. Timmerman (Belgium)</i>	OC046, OC047
17:23	Discussion	
17:26	Comparison of conventional and three-dimensional sonohysterography in the assessment of submucous uterine yomas before their hysteroscopic resection <i>R. Bartkowiak; M. Wielgos; D. Borowski; D. Bomba-Opon; S. Kozłowski; K. Kosinska-Kaczynska; I. Szymusik (Poland)</i>	OC048
17:31	Discussion	
17:34	Factors influencing patient candidacy for magnetic resonance guided focused ultrasound (MRgFUS) treatment of uterine leiomyoma <i>S. Leblang (USA)</i>	OC049
17:39	Discussion	
17:42	Contrast enhanced ultrasonography in the treatment of uterine leiomyoma with high intensity focused ultrasound <i>L. Wang; W. Wang; C. Sun; J. Wang; X. Gao; X. Zhang (China)</i>	OC050
17:47	Discussion	
17:50	US-guided percutaneous microwave ablation of uterine leiomyoma: initial experience <i>J. Zhang; B. Dong; X. Li; L. Feng; Y. Sun; X. Jiang; B. Zhang (China)</i>	OC051
17:55	Discussion	

Poster viewing is available all day for:

Exhibition hall

Area A: Aneuploidy and other fetal anomalies in the first trimester	P25
Area B: Fetal echocardiography and CHD I	P26
Area C: Fetal neurosonography and CNS anomalies	P27
Area D: New imaging technologies	P28
Area E: Pelvic pain and endometriosis	P29
Area E: Abnormal bleeding and fibroids	P30

Posters – Monday 25 August 2008

Oral poster presentations

Oral poster discussion groups: 10:00–10:45

Viewing available all day

OP01: Aneuploidy screening in the first trimester

Chairs: R. Wapner (USA); P. Calda (Czech Republic)

	Abstract number
	Rm 325
Altered FOXC2 and PDGF-B expression relates to abnormal smooth muscle cell formation surrounding enlarged jugular lymphatic sacs in fetuses with nuchal edema <i>Y. Mooij de (Netherlands)</i>	OP01.01
Enlarged nuchal translucency: more common in boys large for gestational age at birth <i>E. Timmerman (Netherlands)</i>	OP01.02
Discrepancies between nuchal translucency measurements in neutral fetal position in quiescence and during spontaneous movement <i>M. Wiechec (Poland)</i>	OP01.03
Trends in prenatal diagnosis following implementation of a first trimester risk assessment program in a community academic medical center <i>A. Sarno (USA)</i>	OP01.05
Stepwise sequential screening for Down syndrome at a referral centre in Prague, Czech Republic <i>D. Smetanova (Czech Republic)</i>	OP01.06
Should first trimester screening for aneuploidy really be maternal age adjusted? Screening by absolute risk Vs risk adjusted to maternal age <i>J. Gebb (USA)</i>	OP01.07
No additional value of ductus venosus pulsatility index in predicting chromosomal anomalies or adverse pregnancy outcome in a tertiary referral setting of nuchal translucency screening <i>E. Timmerman (Netherlands)</i>	OP01.08
Does a short nasal bone in first trimester fetuses persist during gestation? <i>U. Germer (Germany)</i>	OP01.09
Frontomaxillary facial angle in normal fetuses at 11+0 to 13+6 weeks in an oriental population <i>C. Hsiao (Taiwan)</i>	OP01.10
Outcome of down syndrome fetuses detected by first trimester combined screening <i>L. Salomon (France)</i>	OP01.11
Karyotype and outcome of fetuses with increased nuchal translucency above 99th percentile <i>M. Kim (Republic of Korea)</i>	OP01.12
Are women satisfied with having had a first trimester combined risk assessment? <i>L. Bangsgaard (Denmark)</i>	OP01.13
First trimester absent nasal bone to detect fetuses with Down syndrome. A Meta-analysis <i>L. Tolaymat (USA)</i>	OP01.14

OP02: Fetal heart I

Chairs: R. Achiron (Israel); B. Cuneo (USA)

	Abstract number
	Rm 324
Reliability of Doppler echocardiographic investigation in the diagnosis of fetuses with first degree atrioventricular block <i>Y. Mivelaz (Canada)</i>	OP02.01
The global myocardial performance (Tei) Index in fetuses of mothers with well controlled gestational diabetes mellitus <i>M. Nimbalkar (USA)</i>	OP02.02
Dynamics of pulmonary venous flow during respiratory movements in the fetus <i>P. Zielinsky (Brazil)</i>	OP02.03
Cardiac biometry and function in fetuses with intracardiac echogenic foci <i>J. Bartha (Spain)</i>	OP02.04
The Necessity of fetal echocardiography with isolated 2-Vessel Cord as determined by a Targeted Ultrasound With Extended Cardiac Views <i>F. Martinez (USA)</i>	OP02.05
Satisfactory visualization rates of standard cardiac views at 18–22 weeks gestation: A comparison of static 2-D and spatial temporal image correlation (STIC 4-D) <i>L. Cohen (USA)</i>	OP02.06
Antenatal diagnosis of cardiac anomalies in a Chilean Region <i>F. Guerra (Chile)</i>	OP02.07
The influence of position and size of isolated ventricular septal defects on spontaneous intrauterine closure and the risk of chromosomal abnormalities <i>M. Basbug (Turkey)</i>	OP02.08
Aortic isthmus Z-score: Does it identify individual cases of coarctation of the aorta at 19–27 weeks of gestation? <i>J. Carvalho (UK)</i>	OP02.09
Can measurements of the pulmonary artery (PA) and aorta (Ao) diagnose true coarctation of the aorta (CoA) in the 3rd trimester of pregnancy? <i>M. Respondek-Liberska (Poland)</i>	OP02.10
Comparison of cardiovascular functional parameters and Doppler flow waveforms in fetuses with two-vessel cord versus three-vessel cord at 20–23 weeks gestational age <i>A. Suhag (USA)</i>	OP02.11
Visualization of the fetal three vessel view, aortic arch, and ductal arch views: A comparison of 2-D and 3-D rapid acquisition at 18–22 weeks gestation <i>L. Cohen (USA)</i>	OP02.12

Posters – Monday 25 August 2008

	Abstract number
Neonatal follow-up of fetuses with pulmonary atresia with and without MAPCA in obstetrical-cardiology center (2004–2007) <i>M. Respondek-Liberska (Poland)</i>	OP02.13
Fetuses with congenital heart defect have similar growth patterns <i>S. Lee (USA)</i>	OP02.14
OP03: Fetal neurosonography and CNS anomalies	Rm 326
<i>Chairs: F. Vinals (Chile); G. Pilu (Italy)</i>	
Prediction of outcome in fetuses with small head circumference at ultrasound examination: A role for z scores <i>L. Salomon (France)</i>	OP03.01
Long-term follow-up of children with prenatally diagnosed agenesis of corpus callosum (ACC) <i>J. Stupin (Germany)</i>	OP03.02
Neurosonographic fetal assessment with the "single shot" technique in transabdominal 3-D multiplanar ultrasound during routine 20–24 weeks' gestation scan <i>H. Muñoz (Chile)</i>	OP03.03
Basic as well as detailed neurosonogram can be performed by an off-line analysis of 3D fetal brain volumes <i>E. Bornstein (USA)</i>	OP03.04
Prenatal diagnosis and outcome of cavum veli interpositi cysts <i>V. D'Addario (Italy)</i>	OP03.05
Prenatally diagnosed ventriculomegaly: Associations and outcome <i>E. Pajkt (Netherlands)</i>	OP03.06
Transfrontal rendering of midline cerebral structures <i>F. Vinals (Chile)</i>	OP03.07
Semiquantitative estimation of tissue echodensity in fetal intracranial structures <i>E. Hernandez-Andrade (Spain)</i>	OP03.08
Fetal orbits volume: Relationship to gestational age and the biparietal diameter and the femur length <i>M. Odeh (Israel)</i>	OP03.09
Prenatal MR evaluation of the fetus with a vein of Galen malformation; A Series of 5 cases <i>S. Laifer-Narin (USA)</i>	OP03.10
Biometry of the eyeball in prenatal period <i>M. Pietryga (Poland)</i>	OP03.11
Comparative analysis of eyeballs dynamics development in prenatal and postnatal period <i>M. Karolczak-Kulesza (Poland)</i>	OP03.12
OP04: Imaging techniques and technology	Rm 327
<i>Chairs: W. Lee (USA); E. Merz (Germany)</i>	
Magnetic resonance determination of pH, lactates and oxymetry in animal model of acute fetal distress: Towards new ways of fetal monitoring? <i>O. Ami (France)</i>	OP04.01
Fetal low dose three-dimensional multislice computed tomography: When? How? And results with a five years experience <i>M. Molho (France)</i>	OP04.02
Contribution of fetal MRI to prenatal ultrasound for the diagnosis of fetal anomalies <i>H. Bodur (Turkey)</i>	OP04.03
Development of an in vivo quantitative ultrasound methodology to scan the cervix <i>B. McFarlin (USA)</i>	OP04.04
Dynamic magnetic resonance imaging (DMR) and three dimensional extended imaging (3DXI) in the first trimester diagnosis of placenta percreta: A three cases report <i>S. Molina (Colombia)</i>	OP04.05
A collaborative approach to a high volume ultrasound practice: The role of the advanced practice sonographer <i>B. Benacerraf (USA)</i>	OP04.06
Diagnostic correlation between 2D and 3D ultrasound at 20–22 weeks in fetal evaluation. Preliminary results <i>V. Borobio (Spain)</i>	OP04.07
Fetal gender assignment using 3DUS and MRI of internal pelvic anatomy <i>W. Lee (USA)</i>	OP04.08
Fetal corpus callosum resolution improved by combined MR post-processing technique <i>D. Twickler (USA)</i>	OP04.10
MR diagnosis of ischemia / infarct in the fetal brain; spectrum of appearance and significance of findings <i>S. Laifer-Narin (USA)</i>	OP04.11
Occult spinal lesions associated with meningocele/Chiari malformation: US and ultrafast MRI study <i>I. Abbas (Egypt)</i>	OP04.12
Fetal feet length differences between three-dimensional and two-dimensional ultrasound measurements <i>A. Smolin (Israel)</i>	OP04.13
How to acquire a 3D volume for nuchal translucency measurement? <i>L. Morin (Canada)</i>	OP04.14

Posters – Monday 25 August 2008

	Abstract number
OP05: Complementary imaging and therapies	Rm 205–207; viewing Rm 204
<i>Chairs: A. Testa (Italy); S. Laifer-Narin (USA)</i>	
Three-dimensional Coded Contrast Imaging: a new ultrasound approach to evaluate tubal patency <i>C. Exacoustos (Italy)</i>	OP05.01
Percutaneous ultrasound guided radiofrequency thermal ablation for uterine fibroids : A new gynecological approach <i>H. Iversen (Denmark)</i>	OP05.02
Primary fallopian tube carcinoma: Imaging features on MRI, CT and Ultrasound <i>A. Lev-Toaff (USA)</i>	OP05.03
Flow differences of endometrial polyps and endometrial cancer: A prospective study using contrasted transvaginal color flow Doppler and three-dimensional power Doppler <i>M. Lieng (Norway)</i>	OP05.04
Comparison of 2-dimensional to 3-dimensional saline infusion sonohysterograms for the evaluation of intrauterine pathology <i>S. Terry (USA)</i>	OP05.05
Evaluation of vascular density of PCOS ovaries with 3D PDA spherical virtual tissue sampling – A new tool to improve definition of PCOS? <i>M. Kudła (Poland)</i>	OP05.06
Just images on sono-endoscopic findings of adnexal torsion: A retrospective multicenter study by the IOTA group <i>F. Leone (Italy)</i>	OP05.07
Clinical value of contrast-enhanced ultrasonography on detecting placenta accrete, placenta increta and placenta percreta <i>A. Xin Lin Chen (China)</i>	OP05.08
The SECURE study: Ultrasound evaluation of the caesarean scar – Preliminary results on the prevalence of a niche and relation with abnormal uterine bleeding <i>A. Bij de Vaate (Netherlands)</i>	OP05.09
Transvaginal ultrasonography and magnetic resonance in the evaluation of invasive cervical cancer <i>A. Testa (Italy)</i>	OP05.10
OP06: Pelvic pain and endometriosis	Rm 202
<i>Chairs: J. Alcázar (Spain); T. Van Den Bosch (Belgium)</i>	
Transvaginal ultrasonography and pelvic adhesions in patients with cystic ovarian endometriosis <i>S. Guerriero (Italy)</i>	OP06.01
Diagnostic values of clinical and ultrasound examination in women with acute pelvic pain <i>L. Salomon (France)</i>	OP06.02
The diagnostic accuracy of transvaginal sonography in tubo-ovarian abscess: A 2-year review at the University of the Philippines – Philippine General Hospital <i>E. Llamas-Clark (Philippines)</i>	OP06.03
Myometrial vascularization assessed by 3D power Doppler angiography in women with primary dysmenorrhea <i>J. Alcázar (Spain)</i>	OP06.04
The liquefying adenomyotic uterus – A result of uterine artery embolization treatment <i>T. Singer (USA)</i>	OP06.05
Sonographic appearance of endometriosis – case report <i>E. Epstein (Sweden)</i>	OP06.06
Effectiveness of a new ultrasound-based model of care in the management of women with acute gynaecological complications <i>T. Bignardi (Australia)</i>	OP06.07
The economic impact of a new ultrasound-based model of care for women with acute gynaecological complications <i>D. Alhamdan (Australia)</i>	OP06.08
OP07: Abnormal bleeding and fibroids	Rm 202
<i>Chairs: S. Goldstein (USA); E. Stewart (USA)</i>	
Fertility after uterine fibroid embolization: A series of 54 pregnancies in France <i>O. Ami (France)</i>	OP07.01
Sonohysterography versus transvaginal sonography for screening of patients with abnormal uterine bleeding <i>N. Mahmoodian (Islamic Republic of Iran)</i>	OP07.02
Study of color Doppler ultrasound in the situation of endometrial hyperplasia <i>D. Zhang (China)</i>	OP07.03
Three-Dimensional Power Doppler Sonography in the diagnosis of Arteriovenous Malformations of the uterus and treated by selective uterine artery embolization <i>C. Bamberg (Germany)</i>	OP07.04
Utility of contrast-enhanced ultrasound in the monitoring of magnetic resonance guided focused ultrasound ablation in patients with uterine fibroids <i>H. Marret (France)</i>	OP07.05
Hysteroscopy in patients with abnormal uterine bleeding and normal transvaginal sonography <i>M. Barati (Islamic Republic of Iran)</i>	OP07.06

Posters – Monday 25 August 2008

Posters (view only)

Posters are available for viewing all day

P25: Aneuploidy and other fetal anomalies in the first trimester

	Abstract number
The role of fetal nuchal translucency and ductus venosus Doppler at 11–14 weeks of gestation in the detection of Down syndrome <i>C. Murta (Brazil)</i>	P25.01
Increased nuchal translucency in the first trimester and hydrocele in the newborn. Incidental finding or a causal association? <i>O. Torok (Hungary)</i>	P25.02
Relation between nuchal translucency thickness and prevalence of chromosomal defects, miscarriage, fetal death and major fetal abnormalities <i>D. Iliescu (Romania)</i>	P25.03
Fetal gender diagnosis at 11–14 weeks in Concepción, Chile <i>M. Yamamoto (Chile)</i>	P25.04
First trimester diagnosis of fetal anomalies – a beneficial sequel to the introduction of first trimester screen (FTS) aneuploidy program <i>K. Demasio (USA)</i>	P25.05
Comparison of inter- and intra-observer agreement between three different types of fetal volume measurement techniques (XI VOCAL, VOCAL, and multiplanar) <i>K. Leung (China)</i>	P25.06
Comparison of volumetry of fetus, gestational sac, and placenta obtained from two three-dimensional ultrasound machines <i>K. Leung (China)</i>	P25.07
First trimester umbilical cord cyst <i>S. Kim (Republic of Korea)</i>	P25.09
First trimester diagnosis of fetal epignathus with two and three-dimensional ultrasound <i>P. Dar (USA)</i>	P25.10
The OEIS complex presented with large umbilical cord cyst in early gestation <i>H. Bodur (Turkey)</i>	P25.11
Spontaneous resolution of cystic hygroma colli and intrabdominal cyst in a fetus with normal karyotype <i>G. Nazzaro (Italy)</i>	P25.12
First-trimester sonographic diagnosis of holoprosencephaly <i>S. Crnogorac (Montenegro)</i>	P25.13
Diagnosis of isolated unilateral upper limb reduction in early pregnancy <i>L. Hernádi (Hungary)</i>	P25.14
Magnetic cell sorting and flow cytometry for the detection of fetal nucleated erythroblasts in maternal circulation during the first trimester of pregnancy <i>A. Daniilidis (Greece)</i>	P25.15
What type of management should we choose with positive combined test and normal karyotype in the first trimester? <i>D. Smetanova (Czech Republic)</i>	P25.16
Three dimensional ultrasonography of physiologic herniation using tomographic ultrasound imaging (TUI) <i>F. Andrade (Brazil)</i>	P25.17
First trimester diagnosis of familial split-hand split-foot malformation <i>P. Dar (USA)</i>	P25.18
Trisomy 18 presenting as the ORR association in first trimester <i>P. Dar (USA)</i>	P25.19
Prenatal diagnosis of increased nuchal translucency in the Wolf-Hirschhorn syndrome and 47, XXX karyotype <i>S. Mun (Republic of Korea)</i>	P25.20

P26: Fetal echocardiography and CHD I

	Exhibition hall: B
Fetal cardiovascular functional parameters across gestation <i>D. Wood (USA)</i>	P26.01
Evaluation of cardiac structure and function in fetuses with isolated gastroschisis <i>M. Bisulli (USA)</i>	P26.02
Pattern of recognition of fetal venous system abnormalities <i>M. Herrera (Colombia)</i>	P26.03
The Helical Ventricular Myocardial Band – Applications to the fetal heart and Congenital Heart Disease <i>M. Herrera (Colombia)</i>	P26.04
Sonographic and echocardiographic features in fetuses with meconium peritonitis and ileus <i>M. Slodki (Poland)</i>	P26.05
Agenesis of the ductus venosus: Prenatal features and clinical outcome of four cases <i>Y. Kamei (Japan)</i>	P26.06
Ductus arteriosus and foramen ovale of fetal transposition of great arteries <i>M. Kawataki (Japan)</i>	P26.07
Outcome of euploid fetuses following diagnosis of complete atrioventricular septal defect (one year overview) <i>I. Spalova (Czech Republic)</i>	P26.08

Posters – Monday 25 August 2008

	Abstract number
Is cardiomegaly diagnosed at 11–14 weeks of gestation a poor predictive diagnostic factor <i>A. Wloch (Poland)</i>	P26.09
The additional value of 3D ultrasound in fetuses suspected of having coarctation of the aorta <i>E. Quarello (UK)</i>	P26.10
Prenatal diagnosis of fetal right aortic arch with aberrant left subclavian artery: A report of two cases <i>K. Hsu (Taiwan)</i>	P26.11
Self-medicated acetaminophen and ibuprofen in the third trimester of pregnancy can cause constriction of the fetal ductus arteriosus (DA): A report of 2 cases <i>A. Suhag (USA)</i>	P26.12
Prenatal diagnosis of Straddling Tricuspid valve Type A with ventriculo-atrial malalignment (overriding) <i>A. Galindo (Spain)</i>	P26.13
Aortic aneurysm and sternal cleft: A variant of the PHACES syndrome? <i>K. Fuchs (USA)</i>	P26.14
P27: Fetal neurosonography and CNS anomalies	Exhibition hall: C
Human craniofacial development and malformations – computer assisted embryology <i>J. Jirasek (Czech Republic)</i>	P27.01
Three-dimensional ultrasonography of the cerebellum, cisterna magna, fourth ventricle and vermis cerebellar using slices ultrasound imaging (3DXi) <i>F. Andrade (Brazil)</i>	P27.02
Unilateral cerebellar hypoplasia: Primary prenatal finding of Phaces Syndrome, a case report <i>M. Juan (Spain)</i>	P27.03
Antenatal ultrasound detection of an unusual pattern of anomalies associated with fetal agenesis of the corpus callosum – case report <i>D. Albu (Romania)</i>	P27.04
Nomograms of the axial transverse diameter of the fetal foramen magnum throughout gestation <i>M. Dallowl (USA)</i>	P27.05
Prenatal diagnosis of schizencephaly Type II in 2 cases <i>R. Lachmann (Germany)</i>	P27.06
Prenatal diagnosis of the dural sinus malformation <i>Y. Kanetaka (Japan)</i>	P27.07
Antenatal ultrasound diagnosis of a carpenter syndrome – New case report <i>D. Albu (Romania)</i>	P27.08
Late developed fetal intracranial hemorrhage in anticoagulant (Warfarin) therapy <i>H. Choi (Republic of Korea)</i>	P27.09
Antenatal detection of fetal CNS functional impairment using five different behavioral patterns on ultrasound study; Two case reports <i>Y. Otera (Japan)</i>	P27.10
Isolated filar cyst of the lumbar spine: Report of two fetal cases <i>J. Bault (France)</i>	P27.12
Central nervous system anomalies in maternal fetal medicine unit <i>C. Yeni (Indonesia)</i>	P27.13
Visualization of the fetal retina by 3D ultrasound: the “virtual eyeground” <i>J. Bault (France)</i>	P27.14
Retinal coloboma: a case report using “virtual eyeground”: A new technique to visualize the fetal retina with 3D ultrasound <i>J. Bault (France)</i>	P27.15
Prenatal Sonographic prediction of recurrence of congenital alveolar proteinosis: Hereditary surfactant protein B deficiency <i>M. Alnemer (Saudi Arabia)</i>	P27.16
P28: New imaging technologies	Exhibition hall: D
Comparison of embryo volume in first trimester using multiplanar and VOCAL methods <i>L. Nardozza (Brazil)</i>	P28.01
Nomogram of fetal lung volume by three-dimensional ultrasound using the VOCAL method <i>L. Nardozza (Brazil)</i>	P28.02
Prediction of fetal weight using thigh volume estimated by three-dimensional ultrasound: Pilot study <i>L. Nardozza (Brazil)</i>	P28.03
Three-dimensional power Doppler indices of anterior territory of the middle cerebral artery <i>L. Nardozza (Brazil)</i>	P28.04
Reference range of fetal renal volume by three-dimensional ultrasound using the VOCALTM method <i>L. Nardozza (Brazil)</i>	P28.05
Nuchal translucency measurement: Can 3D replace 2D? <i>L. Morin (Canada)</i>	P28.06
Three dimensional ultrasonography of advanced ultrasound in second trimester using tomographic ultrasound imaging (TUI) <i>F. Andrade (Brazil)</i>	P28.07

Posters – Monday 25 August 2008

Abstract number

2- or 3- dimensional ultrasonography: What is the best predictor of pulmonary hypoplasia in complicated pregnancies? <i>G. Urban (Italy)</i>	P28.08
Three dimensional ultrasonography of advanced ultrasound in first trimester using tomographic ultrasound imaging (TUI) <i>F. Andrade (Brazil)</i>	P28.09
Virtual reality imaging of normal fetal anatomy <i>B. Tutschek (Germany)</i>	P28.10
Three dimensional extended imaging (3DXI) in the prenatal diagnosis of Goldenhar syndrome: Report of three cases and postnatal correlation <i>S. Molina (Colombia)</i>	P28.11
The recurrence of Galloway Mowat syndrome and associated prenatal imaging findings <i>A. Horton (USA)</i>	P28.12
Yolk sac volume obtained by three-dimensional ultrasonography using the multiplanar method <i>L. Nardoza (Brazil)</i>	P28.13
The role of 2D and 3D ultrasonography in determination of fetal gender in the first trimester of pregnancy <i>S. Sylejmani (Albania)</i>	P28.14
The use of 3D ultrasound and reverse face view in the antenatal diagnosis of anophthalmia: 2 case reports <i>H. Wong (New Zealand)</i>	P28.15
Evaluation of first trimester growth using Virtual Reality and the role of low maternal serum PAPP-A in a case of trisomy 16 mosaicism <i>P. van Heesch (Netherlands)</i>	P28.16
Elusive diagnosis of pregnancy in non-communicating rudimentary horn <i>J. Nyholm (USA)</i>	P28.18

P29: Pelvic pain and endometriosis

Exhibition hall: E

Sacral Schwannoma mimicking uterine myoma <i>D. Prete (Brazil)</i>	P29.01
Tubo-ovarian abscesses diagnosed with ultrasound in the first post-partum month <i>K. Algoe (USA)</i>	P29.02
A case of unicornuate uterus with noncommunicating rudimentary horn with ipsilateral renal agenesis <i>K. Kil (Republic of Korea)</i>	P29.03

P30: Abnormal bleeding and fibroids

Exhibition hall: E

Successful pregnancy after magnetic resonance imaging guided focused ultrasound (MRgFUS) treatment of uterine leiomyoma <i>G. Rowe (USA)</i>	P30.01
Ultrasound evaluation of uterine sarcomas: Report of three cases <i>S. Lee (Singapore)</i>	P30.02
Pregnancy with giant myomatosis and ultrasonography <i>F. Andrade (Brazil)</i>	P30.03
Power Doppler ultrasound features of a minimal deviation adenocarcinoma of the uterine cervix <i>M. Pascual (Spain)</i>	P30.04
Preoperative sonographic diagnosis of two cases of uterine smooth muscle tumor of uncertain malignant potential <i>G. Nazzaro (Italy)</i>	P30.05
Correlation between nuclear magnetic resonance and ultrasonography in giant myomatosis <i>F. Andrade (Brazil)</i>	P30.06
Application of ultrasonography in diagnosis and treatment of myoma during pregnancy: Case report <i>J. Kim (Republic of Korea)</i>	P30.09



Program – Tuesday 26 August 2008

Meet the Professor breakfasts*

Ferris Room, InterContinental

08:00–08:45	Keynote Debate	Grand Ballroom
	Chair: R. Romero (USA), A. Baschat (USA)	
08:00	Panel discussion – First trimester Doppler: do the benefits outweigh the costs? <i>K. Nicolaides (UK) vs C. Brezinka (Austria)</i>	
08:45–10:00	The second trimester scan	Grand Ballroom
	Chairs: B. Benacerraf (USA); A. Gagnon (Canada)	
08:45	Live scan demonstration (supported by Medison*) <i>Y. Ville (France)</i>	
09:05	Overview <i>B. Benacerraf (USA)</i>	
09:15	Ultrasound at 20–22 weeks of pregnancy increases the rate of detection of Down syndrome above that of combined first-trimester screening alone <i>P. Calda; H. Belosovicova-Viskova; H. Valtrova; K. Svabik; S. Manasova; Z. Zizka; M. Brestak; K. Nekovarova (Czech Republic)</i>	OC052
09:20	The efficiency of second-trimester nasal bone (NB) hypoplasia as a Down syndrome marker in low versus high-risk groups <i>A. Odibo; H. Sehdev; D. Stamilio; G. Macones (USA)</i>	OC053
09:25	Enlarged fetal iliac angle as an ultrasound marker for trisomy 21, 18 and 13 during the second trimester of pregnancy <i>B. Belics; F. Fekete; C. Csabay; S. Szabó; H. Halmos; R. Rigó (Hungary)</i>	OC054
09:30	Evaluating the use of Classification and Regression Tree (CART) analysis in second-trimester Down syndrome screening <i>A. Odibo; D. Stamilio; A. Cahil; W. Shannon; G. Macones (USA)</i>	OC055
09:35	Discussion	
09:45	Impact of maternal body mass index on detection of anomalous fetuses during standard and targeted ultrasound examination <i>J. Dashe; D. McIntire; D. Twickler (USA)</i>	OC056
09:50	Maternal distress and evening salivary cortisol levels in ongoing pregnancies with fetal anomaly <i>A. Kaasen; A. Helbig; U. Malt; J. Bollerslev; A. Heiberg; G. Haugen (Norway)</i>	OC057
09:55	Discussion	
09:00–10:00	Reproductive medicine	Rm 205–207
	Chairs: S. Campbell (UK); A. Ngu (Australia)	
09:00	Achieving a consensus regarding the characterisation of PCO <i>S. Tan (Canada)</i>	
09:15	Assessing PCO with 3D ultrasound <i>N. Raine-Fenning (UK)</i>	
09:30	Septate uterus: correlation of three-dimensional power Doppler sonography of the septum with histology of septal tissue after hysteroscopic metroplasty <i>C. Exacoustos; N. Lazzarin; A. Amadio; G. Larciprete; F. Baiocco; E. Valli; D. Arduini (Italy)</i>	OC058
09:35	Discussion	
09:38	Recurrent miscarriage: three dimensional power Doppler evaluation of endometrial and subendometrial volume and vascularity and correlation to uterine arteries blood flow <i>E. Vaquero; N. Lazzarin; C. Exacoustos; M. Romanini; E. Bertonotti; D. Arduini (Italy)</i>	OC059
09:43	Discussion	
09:46	Comparison of 2D transvaginal sonohysterography and 3D ultrasound evaluation of the uterine cavity in infertile women <i>M. Momtaz; A. Ebrashy; M. Aboulghar; S. Negm; R. Kamel; A. AlKateb (Egypt)</i>	OC060
09:51	Discussion	
09:54	Endometrial vascularization after intrauterine ozonated saline irrigation (OSI): computerized power Doppler analysis and histological studies <i>M. Cohen; Z. Leibovitz; N. Volkov; I. Calderon; O. Artzi; S. Degani; I. Shapiro; G. Ohel (Israel)</i>	OC061
09:59	Discussion	

* Sessions must be pre-booked, see page 9 for details

* Scientific content of live scan sessions is defined by ISUOG. Ultrasound systems & technical support is provided by our Congress supporters.

Program – Tuesday 26 August 2008

10:00–10:45		Chaired oral poster discussions	
	Rm 324: Fetal heart II		OP08
	<i>Chairs: R. Axt-Fliedner (Germany); S. Yagel (Israel)</i>		
	Rm 325: First trimester ultrasound		OP09
	<i>Chairs: M. Bronshtein (Israel); A. Tabor (Denmark)</i>		
	Rm 327: Multiple pregnancies		OP10
	<i>Chairs: B. Thilaganathan (UK); R. Bahado-Singh (USA)</i>		
	Rm 326: Pre-eclampsia screening and uterine artery Doppler		OP11
	<i>Chairs: Z. Alfirevic (UK); E. Hernandez-Andrade (Spain)</i>		
	Rm 205–207: Early pregnancy		OP12
	<i>Chairs: L. Cohen (USA); A. Monteagudo (USA)</i>		

10:30–11:15	Coffee and poster viewing	Exhibition hall
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11:15–12:40		Fetal heart II: Diagnostic advances	Grand Ballroom
	<i>Chairs: D. Paladini (Italy); J. Copel (USA)</i>		
11:15	Live scan demonstration (supported by Aloka*) <i>J. Carvalho (UK)</i>		
11:35	Overview <i>D. Paladini (Italy)</i>		
11:45	The aortic isthmus – ductal angle: a novel measurement to diagnose fetal aortic coarctation <i>E. Quarello¹; Y. Ville²; J. Carvalho¹</i> <i>¹(UK); ²(France)</i>		OC062
11:50	Discussion		
11:53	Are NT and ductus venosus independent predictors of fetal congenital heart defects? <i>S. Clur; E. Timmerman; R. Snijders; C. Bilardo (Netherlands)</i>		OC063
11:58	Discussion		
12:01	Cardiac screening by STIC. Can sonologists performing the 20 week anomaly scan pick up outflow tract abnormalities scrolling the A plane of STIC volumes? <i>D. Paladini; G. Sglavo; E. Greco; C. Nappi (Italy)</i>		OC064
12:06	Discussion		
12:09	Outcome after prenatal diagnosis of an isolated ventricular septal defect <i>A. Olivella; M. Bennasar; M. Del Río; O. Gómez; J. Martínez; B. Puerto; E. Gratacós (Spain)</i>		OC065
12:14	Discussion		
12:17	Early Fetal Echocardiography: results from the first trimester screening in a 3 year period <i>K. Heling; R. Chaoui (Germany)</i>		OC066
12:22	Detection rate of early fetal echocardiography and spectrum of congenital heart disease <i>R. Axt-Fliedner; J. Lietz; D. Hartge; M. Krapp; A. Geipel; U. Germer; U. Gembruch (Germany)</i>		OC067
12:27	Early transvaginal detection of cardiac malformations <i>M. Bronshtein; S. Blazer; E. Zimmer (Israel)</i>		OC068
12:32	Discussion		

11:15–12:30		Assisted reproductive technologies (in association with ESHRE)	Rm 205–207
	<i>Chairs: N. Raine-Fenning (UK); A. Parsons (USA)</i>		
11:15	Using ultrasound to predict the outcome of fertility treatments <i>S. Tan (Canada)</i>		
11:30	Can quantitative 3D power Doppler angiography be used to predict poor response and ovarian hyperstimulation syndrome during assisted reproduction treatment? <i>K. Jayaprakasan; R. Jayaprakasan; H. Al-Hasie; B. Campbell; J. Clewes; J. Hopkisson; I. Johnson; N. Raine-Fenning (UK)</i>		OC069
11:35	Discussion		
11:38	A comparative study of manual and automated methods for assessment of antral follicle number <i>S. Deb; K. Jayaprakasan; J. Clewes; B. Campbell; I. Johnson; N. Raine-Fenning (UK)</i>		OC070, OC071
11:43	Discussion		
11:46	Assessment of endometrial and ovarian characteristics using 3-D power Doppler ultrasound to predict response in frozen embryo transfer cycles <i>T. Zackova¹; T. Zackova²; I. Y. Järvelä¹</i> <i>¹(Finland); ²(Czech Republic)</i>		OC072
11:51	Discussion		

Program – Tuesday 26 August 2008

11:54	3D ultrasound and Antimüllerian hormone determination as predictors of ovarian response to controlled stimulation in assisted reproduction <i>K. Ojha; S. Tse; D. Gillott; E. Iammorrone; J. Grudzinskas (UK)</i>	OC073
11:59	Discussion	
12:02	Embryo implantation rate is related to endometrial and subendometrial vascularization measured by 3D ultrasound and power Doppler angiography <i>A. Nazzaro; A. Salerno; M. Rubino; N. Leccia; P. Fusco (Italy)</i>	OC074
12:07	Discussion	
12:10	The intercycle variability of ovarian blood flow in an IVF population <i>K. Jayaprakasan; B. Campbell; J. Clewes; J. Hopkisson; I. Johnson; N. Raine-Fenning (UK)</i>	OC075
12:15	Discussion	
12:18	Implantation, clinical pregnancy and miscarriage rates after introduction of ultrasound-guided embryo transfer <i>C. Rubina Ali; A. Khashan; G. Horne; C. Fitzgerald; L. Nardo (UK)</i>	OC076
12:23	Discussion	

12:30–14:00 **Lunch and poster viewing** Exhibition hall

12:45–13:45 **Siemens satellite symposium **** Grand Ballroom

Improving workflow and diagnostic confidence in obstetrics and gynecology (see page 54 for details)

14:00–16:00 **Fetal and maternal Doppler** Grand Ballroom

	<i>Chairs: S. Eik-Nes (Norway); E. Ferrazzi (Italy)</i>	
14:00	Live scan demonstration (supported by Siemens*) <i>E. Gratacós (Spain)</i>	
14:20	Overview <i>S. Eik-Nes (Norway)</i>	
14:30	Acceleration/ejection time ratio in the fetal pulmonary artery as a predictor of fetal lung maturity <i>H. Azpuru-Pardi; E. Funai; M. Kleine; G. Luo; C. Buhimschi; J. Copel; E. Norwitz; S. Thung (USA)</i>	OC077
14:35	Discussion	
14:38	Agreement between umbilical vein volume blood flow measurements obtained at the intra-abdominal portion and free-loop of the umbilical cord <i>K. Flo; T. Wilsgaard; G. Acharya (Norway)</i>	OC078
14:43	Discussion	
14:46	The down-prioritized right liver lobe of the growth-restricted fetus <i>J. Kessler; S. Rasmussen; T. Kiserud (Norway)</i>	OC079
14:51	Discussion	
14:54	Assessment of embryonic and placental blood flow & placental ultrastructure changed with contrast agent (SonoVue™) in late pregnant rat <i>C. Chao Sheng; D. Yang Qin Xu; B. Xin Lin Chen (China)</i>	OC080
14:59	Discussion	
15:02	Cervical blood perfusion using power Doppler ultrasound and the estimation of fractional moving blood volume (FMBV): a reproducibility study <i>J. Ierullo; M. Palacios; S. Fernandez; E. Gratacós; E. Hernandez-Andrade (Spain)</i>	OC081
15:07	Discussion	
15:10	Comparison of the uterine artery score and the mean uterine artery PI in prediction of poor obstetric outcome <i>K. Salvesen; B. Simensen; M. Husøy; S. Eik-Nes (Norway)</i>	OC082
15:15	Usefulness of a simple first-trimester screening approach to predict preeclampsia in high-risk pregnancies <i>A. Galindo; I. Herraiz; A. Grañeras; J. Arbues; T. Bueso; J. Puente (Spain)</i>	OC083
15:20	Discussion	
15:25	The use of multiple serum markers and uterine artery Doppler in predicting pre-eclampsia <i>C. Zanardini; A. Papageorgiou; B. Wormald; J. Sheldon; A. Bhide; B. Thilaganathan (UK)</i>	OC084
15:30	Prediction of gestational hypertension by first trimester uterine artery Doppler and combined serum markers <i>F. Audibert; N. An; N. Aleksandrov; S. Brunet; A. Grignon; F. Rypens; L. Morin; J. Massé (Canada)</i>	OC085
15:35	Hemodynamic and placental markers to predict pre-eclampsia <i>A. Khalil; S. Muttukrishna; K. Harrington; E. Jauniaux (UK)</i>	OC086
15:40	Discussion	
15:50	The development of early and late preeclampsia are characterized by two different maternal hemodynamic states at 24 weeks' gestation <i>H. Valensise; B. Vasapollo; G. Gagliardi; G.P. Novelli (Italy)</i>	OC087
15:55	Discussion	

*Scientific content of live scan sessions is defined by ISUOG. Ultrasound systems & technical support is provided by our Congress supporters.

**Lunchtime satellite symposia are brought to you by our Congress supporters and are not part of the ISUOG CME program. ISUOG takes no responsibility for scientific or clinical content.

Program – Tuesday 26 August 2008

14:00–16:00	Early pregnancy – PUL and ectopic pregnancy	Rm 205–207
	<i>Chairs: T. Bourne (UK); K. Barnhart (USA)</i>	
14:00:	Overview: Management of PUL <i>K. Barnhart (USA)</i>	
14:15	Caesarean scar and other non tubal ectopic pregnancies <i>D. Jurkovic (UK)</i>	
14:30	Managing PUL: hormones, models or curettage? <i>E. Kirk (UK)</i>	
14:50	Is there a relationship between visualization of ectopic pregnancy on transvaginal scan and serum quantitative HCG? <i>J. Short; G. Philipson (New Zealand)</i>	OC088
14:55	Discussion	
14:58	Utilizing hCG ratio to reduce the number of visits in the pregnancy of unknown location (PUL) population <i>G. Condous¹; T. Bignardi²; B. Van Calster²; S. Van Huffel²; D. Timmerman²; T. Bourne¹</i> ¹ (Australia); ² (Belgium); ³ (UK)	OC089
15:03	Discussion	
15:06	The use of serial measurements of inhibin A and activin A to predict the outcome of pregnancies of unknown location <i>E. Kirk¹; A. Papageorgiou¹; B. Van Calster²; S. Van Huffel²; N. Cowans¹; K. Spencer¹; T. Bourne¹</i> ¹ (UK); ² (Belgium)	OC090
15:11	Discussion	
15:14	Can high definition transvaginal ultrasound result in a reduction in the number of women characterised as having a pregnancy of unknown location? <i>S. Bora¹; L. Tan¹; F. Mukri¹; C. Bottomley¹; E. Kirk¹; D. Timmerman²; T. Bourne¹</i> ¹ (UK); ² (Belgium)	OC091
15:19	Discussion	
15:22	The appearance and behaviour of ectopic pregnancies in the 'pregnancy of unknown location' population <i>E. Kirk¹; A. Papageorgiou¹; A. Daemen²; G. Condous³; D. Timmerman²; T. Bourne¹</i> ¹ (UK); ² (Belgium); ³ (Australia)	OC092
15:27	Discussion	
15:30	The impact of introducing a new Acute Gynaecology Unit on the management of women with ectopic pregnancy <i>T. Bignardi; D. Alhamdan; G. Condous (Australia)</i>	OC093
15:35	Discussion	
15:38	The timing of serum human chorionic gonadotrophin measurements to predict the outcome of pregnancies of unknown location <i>E. Kirk¹; L. Tan¹; G. Condous²; C. Bottomley¹; B. Van Calster²; S. Van Huffel²; D. Timmerman²; T. Bourne¹</i> ¹ (UK); ² (Australia); ³ (Belgium)	OC094
15:43	Discussion	
15:46	Clinical usefulness of single intra-amniotic methotrexate instillation in cervical pregnancy <i>Y. Kim; J. Kim; T. Song (Republic of Korea)</i>	OC095
15:51	Discussion	
15:54	Factors predicting outcome in women with pregnancies of unknown location <i>S. Bora¹; G. Condous²; E. Kirk¹; T. Bignardi²; D. Alhamdan²; B. Van Calster²; S. Van Huffel²; D. Timmerman²; T. Bourne¹</i> ¹ (UK); ² (Australia); ³ (Belgium)	OC096 OC097
15:59	Discussion	
16:00–16:30	Coffee and poster viewing	Exhibition hall

16:30–18:00	Pre-term labour	Grand Ballroom
	<i>Chairs: R. Romero (USA); C. Spong (USA)</i>	
16:30	Overview <i>C. Spong (USA)</i>	
16:40	Reference range for cervical length throughout pregnancy: non parametric LMS-based model <i>L. Salomon¹; C. Diaz-Garcia²; J. Bernard¹; Y. Ville¹</i> ¹ (France); ² (Spain)	OC098
16:45	Reference intervals for cervical length in twin pregnancies: comparison of a transversal and longitudinal approach <i>J. Stirnemann; L. Salomon; C. Diaz-Garcia; J. Bernard; Y. Ville (France)</i>	OC099
16:50	Discussion	
16:55	Follow up cervical length in asymptomatic high risk women and the risk of spontaneous preterm birth <i>J. Crane; D. Hutchens (Canada)</i>	OC100
17:00	Transvaginal cervical length measurement as a predictor of preterm delivery in IVF patients <i>M. Wielgos; I. Szymusik; K. Kosinska-Kaczynska; P. Marianowski; W. Dziadecki; R. Bartkowiak; D. Bomba-Opon; P. Kaminski; L. Bablok (Poland)</i>	OC101

Program – Tuesday 26 August 2008

17:05	The clinical significance of early (<20 weeks) versus late (20–24 weeks) detection of a sonographic short cervix in asymptomatic women <i>E. Vaisbuch; R. Romero; O. Erez; J. Kusanovic; F. Gotsch; S. Mazaki-Tovi; V. Romero; C. Ward; T. Chaiworapongsa; P. Mittal; Y. Sorokin; S. Hassan (USA)</i>	OC102
17:10	Discussion	
17:20	Prediction of spontaneous preterm birth using ultrasound cervical length measurement and fetal fibronectin immunoassay <i>S. Rosales-Ortiz; R. Cano-Carrillo; C. Santelices-LLanos; O. Moreno-Alvarez; J. Ayala-Mendez (Mexico)</i>	OC103
17:25	Significance of absent cervical gland area (CGA) in prediction for preterm birth in patients suffered from threatened preterm delivery: comparison of predictive efficacy with short cervical length (CL) and positive fetal fibronectin (fFN) <i>N. Nishida; T. Fukami; H. Asakura; T. Takeshita (Japan)</i>	OC104
17:30	Ultrasound prediction of preterm delivery using variable cut-off value of cervical length <i>D. Baud; P. Hohlfeld; Y. Vial (Switzerland)</i>	OC105
17:35	Discussion	
17:38	Phosphorylated insulin-like growth factor binding protein-1 in cervical secretions and sonographic measurement of cervical length to predict preterm delivery <i>D. Paternoster; F. Riboni; A. Vitulo; M. Plebani; M. dell'Avanzo; G. Battagliarin; N. Surico; U. Nicolini (Italy)</i>	OC106
17:43	Discussion	
17:46	Use of cervical length and FFN for management of women with symptoms of preterm labour <i>V. Berghella (USA)</i>	

16:30–18:00 Early pregnancy miscarriage Rm 205–207

	<i>Chairs: S. Goldstein (USA); A. Papageorghiou (UK)</i>	
16:30	Overview: Early pregnancy growth <i>A. Papageorghiou (UK)</i>	
16:40	Early embryonic growth and miscarriage <i>C. Bottomley¹; A. Daemen²; F. Mukri¹; A. Papageorghiou¹; E. Kirk¹; A. Pexsters²; B. De Moor²; D. Timmerman²; T. Bourne¹ (UK); ²(Belgium)</i>	OC107
17:00	Treatment strategies for ectopic pregnancy <i>K. Barnhart (USA)</i>	
17:15	Continuous ultrasound monitoring during surgical evacuation of pregnancy in the first trimester <i>M. Momtaz; O. AbdelAziz; A. Marzouk (Egypt)</i>	OC108
17:20	Discussion	
17:23	Validation of the Robinson growth curve with data of transvaginal ultrasound assessments in early pregnancy from a large Caucasian population <i>A. Pexsters¹; A. Daemen¹; C. Bottomley²; D. Van Schoubroeck¹; L. De Catte¹; D. Timmerman¹; T. Bourne² (Belgium); ²(UK)</i>	OC109
17:28	Discussion	
17:31	Up-take and success of expectant management of first trimester miscarriage <i>I. Casikar¹; T. Bignardi¹; D. Alhamdan¹; B. Van Calster²; G. Condous¹ (Australia); ²(Belgium)</i>	OC110
17:36	Discussion	
17:39	Biometrical parameters of the first trimester: A prospective study of the Czech population <i>K. Koterova; L. Krofta; I. Kucerova; H. Stefanovicova; L. Haakova (Czech Republic)</i>	OC111
17:44	Discussion	
17:47	Determination of outcome in very early intrauterine pregnancies of uncertain viability <i>C. Bottomley¹; V. Van Belle²; F. Mukri¹; E. Kirk¹; S. Van Huffel²; D. Timmerman²; T. Bourne¹ (UK); ²(Belgium)</i>	OC112
17:52	Discussion	
17:55	A new mathematical model for the prediction of successful expectant management of miscarriage <i>T. Bignardi¹; I. Casikar¹; S. Van Huffel²; B. Van Calster²; D. Timmerman²; G. Condous¹ (Australia); ²(Belgium)</i>	OC113
18:00	Discussion	

Poster viewing is available all day for:

Exhibition hall

Area A: Fetal echocardiography and CHD II	P32
Area B: Maternal fetal Doppler	P32
Area C: Second and third trimester malformations I	P33
Area D: Ultrasound in obstetric management I	P34
Area E: Early pregnancy	P35

Posters – Tuesday 26 August 2008

Posters – Tuesday 26 August 2008

Oral poster discussion groups: 10:00–10:45

Viewing available all day

Abstract number

OP08: Fetal heart II

Rm 324

Chairs: R. Axt-Fliedner (Germany); S. Yagel (Israel)

To evaluate the cardiac function at 11–14 weeks gestation by Doppler ultrasound

OP08.01

Q. Min (China)

Early fetal heart assessment using 4D ultrasound – STIC technique in 11th-13+6 scans

OP08.02

M. Wiechec (Poland)

Fetal cardiac abnormalities identified prior to 14 weeks' gestation

OP08.03

R. Axt-Fliedner (Germany)

Reproducibility of four-dimensional ultrasound with spatiotemporal image correlation (STIC) in the first trimester detection of cardiac anomalies

OP08.04

A. Baschat (USA)

Fetal echocardiography at 11–14 weeks of gestation as a first control of early Doppler study

OP08.05

W. Rozmus-Warcholińska (Poland)

Is fetal cardiac function gender dependent? – Comparative study in fetuses with a normal nuchal translucency

OP08.06

S. Clur (Netherlands)

Three-dimensional ultrasound with STIC in the prenatal definition of aortic arch abnormalities

OP08.07

A. Baschat (USA)

A prospective evaluation of the performance of dedicated 3D software, Volume Computer Aided Diagnosis, in displaying the fetal heart in the anomalies scan at 18–22 weeks

OP08.08

A. Khurana (India)

The use of 3D Multislice technique in the evaluation of artifacts in fetal heart scanning during second trimester

OP08.09

G. Nazzaro (Italy)

3D/4D ultrasound for fetal cardiac ventricle mass measurement in the second half of gestation in normal and anomalous cases

OP08.10

B. Messing (Israel)

Impact of prenatal diagnosis of congenital heart disease on pregnancy and perinatal management

OP08.11

M. Geiger (USA)

Standardized diagnostic fetal cardiac planes in the second trimester of pregnancy using three-dimensional software 3D XI PC Viewer

OP08.12

R. Bataeva (Russian Federation)

Frequency of and causes of ventricular disproportion in fetal echocardiograms

OP08.13

S. Clur (Netherlands)

Utility of the fetal echocardiogram after a normal fetal cardiac evaluation by detailed fetal anatomy ultrasound

OP08.14

R. Starikov (USA)

Fetal myocardium: Compressible or noncompressible?

OP08.15

B. Messing (Israel)

OP09: First trimester ultrasound

Rm 325

Chairs: M. Bronshtein (Israel); A. Tabor (Denmark)

The impact of crown rump length measurement error on combined down syndrome screening

OP09.01

L. Salomon (France)

A cross-sectional analysis of embryonic growth in normal and genetically abnormal pregnancies

OP09.02

A. Pexsters (Belgium)

Crown-rump length measurements during the first trimester screening: Critical evaluation of dating the pregnancy

OP09.03

M. Hynek (Czech Republic)

Early fetal trans-abdominal and trans-vaginal anatomy scans. Will they substitute the mid-trimester anomaly scan?

OP09.04

A. Kateb (Egypt)

Combined ultrasound very early diagnostic scan (CUVEDiS) – The advantages of fetal anomaly scan at NT examination

OP09.05

R. Achiron (Israel)

Ultrasound screening for major fetal congenital anomalies at the time of Nuchal Translucency Screening

OP09.06

T. Singer (USA)

The role of first trimester ultrasound in the early diagnosis of structural fetal anomalies in an unselected Lebanese population

OP09.07

R. Abu-Rustum (Lebanon)

Jugular lymphatic sacs in first-trimester fetuses with a normal nuchal translucency

OP09.11

Y. Mooij de (Netherlands)

3D/4D determination of normal and abnormal face development of the fetus in the first trimester of pregnancy

OP09.12

S. Voevodin (Russian Federation)

The impact of additional anomalies at the 11–14 weeks scan on the prediction of fetal outcome in fetuses with enlarged nuchal translucency

OP09.13

E. Timmerman (Netherlands)

Quality control programs for routine ultrasound examination: Experience using an internet-based tool (www.sfape.com)

OP09.14

L. Salomon (France)

Which approach is better for the first trimester fetal anatomy scan? A comparison of the transabdominal and transvaginal 3D sweeps

OP09.15

B. Phattanachindakun (Thailand)

Posters – Tuesday 26 August 2008

	Abstract number
OP10: Multiple pregnancies	Rm 327
<i>Chairs: B. Thilaganathan (UK); R. Bahado-Singh (USA)</i>	
Sonographic cervical length values as a predictor for delivery prior to 34 weeks in twin gestations <i>G. Smith (USA)</i>	OP10.01
Cervical shortening rate as a predictor for preterm delivery in twin pregnancies <i>M. Yamamoto (Chile)</i>	OP10.02
Cerclage for short cervical length on second trimester ultrasound in twin gestations <i>G. Smith (USA)</i>	OP10.03
Trans-abdominal multifetal pregnancy reduction-related fetal loss is similar in monochorionic and dichorionic twin pairs <i>E. Bornstein (USA)</i>	OP10.04
Can multifetal pregnancy reduction alter uterine artery Doppler velocimetry? <i>B. Selam (Turkey)</i>	OP10.05
Risk of miscarriage and pregnancy outcome after multifetal pregnancy reduction (MFPR) <i>P. Calda (Czech Republic)</i>	OP10.06
Evaluation of early changes in foetal cardiac function in TTTS before and after laser therapy using the Myocardial Performance Index <i>B. Nasr (France)</i>	OP10.07
Evaluation of cardiac function in TTTS. Comparison of Diastolic filling time in the ductus venosus with Myocardial performance index and shortening fraction <i>B. Nasr (France)</i>	OP10.08
Assessment of the Diastolic function in TTTS before and after Laser therapy based on ductus venosus waveform analysis <i>B. Nasr (France)</i>	OP10.09
Therapeutic procedures in twin to twin transfusion syndrome (TTTS)- serial amniodrainage vs selective fetoscopic laser surgery <i>P. Nowak (Poland)</i>	OP10.10
Fetal exsanguination as a major cause for early intrauterine loss of the pump twin in twin reversed arterial perfusion (TRAP) sequence <i>W. Sepulveda (Chile)</i>	OP10.11
Diagnosis of rupture in dividing membrane and cord entanglement within monochorionic diamniotic twins – Experience of 4 cases – <i>K. Maruko (Japan)</i>	OP10.12
OP11: Pre-eclampsia screening and uterine artery Doppler	Rm 326
<i>Chairs: Z. Alfirevic (UK); E. Hernandez-Andrade (Spain)</i>	
First trimester markers for prediction of pre-eclampsia <i>A. Khalil (UK)</i>	OP11.01
Correlation between first trimester serum PAPP-A, second trimester MSAFP and uterine artery blood flow <i>H. Bodur (Turkey)</i>	OP11.02
Can the severity of the maternal anti-angiogenic state of pre-eclampsia be detected by Doppler velocimetry? <i>T. Chaiworapongsa (USA)</i>	OP11.03
Isolated first trimester uterine artery screening fails to predict severe cases of placental dysfunctions <i>A. Baschat (USA)</i>	OP11.04
Clinical significance of abnormal uteroplacental Doppler at midtrimester in patients with favourable obstetric history <i>T. Ghi (Italy)</i>	OP11.05
Prediction of preeclampsia by the uterine artery waveform analysis and brachial artery flow-mediated dilation in high-risk pregnancies <i>O. Moreno-Alvarez (Mexico)</i>	OP11.06
Changes of uterine and umbilical flow in pregnancy complicated by Diabetes Mellitus in relation to the perinatal outcome <i>M. Pietryga (Poland)</i>	OP11.07
Persistence of increased uterine arteries resistance in the third trimester and pregnancy outcome <i>E. Contro (Italy)</i>	OP11.08
Uterine artery pulsatility index of hypertensive pregnancy: When is it normalized in puerperal period? <i>S. Lee (Republic of Korea)</i>	OP11.09
Maternal myocardial function in asymptomatic 24 weeks' bilateral notching women <i>H. Valensise (Italy)</i>	OP11.10
OP12: Early pregnancy	Rm 205–207; viewing Rm 204
<i>Chairs: L. Cohen (USA); A. Monteagudo (USA)</i>	
Early pregnancy failure: Factors affecting successful medical termination <i>M. Odeh (Israel)</i>	OP12.01
Successful non-surgical treatment of early second trimester cesarean scar pregnancies <i>J. Ilagan (USA)</i>	OP12.02
Observational study of the impact of bleeding in early pregnancy on pregnancy outcome <i>R. Thompson (UK)</i>	OP12.03
Doppler sonography to predict successful expectant management of miscarriage <i>D. Alhamdan (Australia)</i>	OP12.04
Role of ultrasound in the diagnosis of ectopic pregnancy. Kosova experience <i>S. Syljmani (Kosova)</i>	OP12.05

Posters – Tuesday 26 August 2008

	Abstract number
Optimal timing of transvaginal ultrasound to confirm early pregnancy viability <i>C. Bottomley (UK)</i>	OP12.06
Haemoperitoneum is not an absolute contraindication for expectant management of ectopic pregnancy: An ongoing pilot study <i>T. Bignardi (Australia)</i>	OP12.07
Sonographic features of ectopic pregnancies following systemic methotrexate treatment: A case series <i>A. Fleischer (USA)</i>	OP12.08
The management of post natal retained products of conception (RPOC) in women who present to an Acute Gynaecological Unit <i>T. Bignardi (Australia)</i>	OP12.09
The role of 3-D ultrasound study of the endometrium in differentiating intrauterine versus extrauterine pregnancy <i>E. Zohav (Israel)</i>	OP12.10
Color Doppler evaluation of cesarean scar pregnancy <i>H. Di (China)</i>	OP12.11
Outcome prediction of single-dose intramuscular methotrexate treatment for tubal pregnancy <i>M. Moon (Republic of Korea)</i>	OP12.12

Posters (view only)

Posters are available for viewing all day

P31: Fetal echocardiography and CHD II

	<i>Exhibition hall: A</i>
Prenatal diagnosis of fetal cardiac right ventricular diverticulum disappearing at 3 months of age. A case report and literature review <i>Y. Peritz (Israel)</i>	P31.01
Single umbilical artery and Wolf Parkinson White syndrome <i>V. Marsoosi (Islamic Republic of Iran)</i>	P31.02
Giant bilateral hydrothorax treated in utero and monitored by fetal echocardiography – Case report <i>M. Slodki (Poland)</i>	P31.03
Atrial flutter with atrio-ventricular block 2:1 – case report <i>M. Swiatkowska-Freund (Poland)</i>	P31.04
Fetal cardiac rhabdomyoma (FCR) and transposition of the great arteries (TGA): An unusual association <i>A. Galindo (Spain)</i>	P31.05
Prenatal diagnosis of total anomalous pulmonary venous connection to the portal vein with absence of ductus venosus: A case report <i>T. Kaji (Japan)</i>	P31.06
Maternal complex congenital cardiac defect and fetal tachyarrhythmia <i>M. Small (USA)</i>	P31.07
Prenatal diagnosis of aorto-pulmonary window, double-outlet right ventricle, and absent pulmonary valve; A case report of immediate neonatal death <i>M. Jujo (Japan)</i>	P31.08
The diagnostic value of 3D XI in the assessment of the interventricular septum <i>L. Tolaymat (USA)</i>	P31.09
Antenatal carbamazepine use associated with cardiac anomaly: Report of prenatal diagnosis of two cases with ostium primum type ASD and muscular VSD <i>M. Basbug (Turkey)</i>	P31.10
Prenatal diagnosis of congenital aneurysm of left ventricle and evaluating fetal cardiac contractility by fetal isovolumetric contraction time <i>Y. Fujita (Japan)</i>	P31.11
Case report: Fetal myocardial calcification with hypertrophy and abnormality of extremities <i>L. Li (China)</i>	P31.12

P32: Maternal fetal Doppler

	<i>Exhibition hall: B</i>
Uterine arteries doppler in the early second trimester for the prediction of fetal birth weight <i>N. Papantoniou (Greece)</i>	P32.01
Is it possible to predict placenta accreta by uterine artery Doppler velocimetry in placenta previa <i>D. Kwak (Republic of Korea)</i>	P32.02
Nomogram of fetal middle cerebral artery peak systolic velocity in a Brazilian population – pilot study <i>L. Nardoza (Brazil)</i>	P32.03
Embryo vascularization by three-dimensional power Doppler at 7 to 10 weeks of pregnancy: Preliminary results <i>L. Nardoza (Brazil)</i>	P32.04
Uterine artery Doppler in a risk population: What's its role in the prediction of severe pregnancy complications? <i>G. Urban (Italy)</i>	P32.05
Evaluation of fetal myocardial contractility in hydrops fetalis associated with bronchopulmonary sequestration <i>Y. Yumoto (Japan)</i>	P32.06
Peripheral vascular Doppler pulsatility indices (PI) in normal fetuses across gestation <i>D. Wood (USA)</i>	P32.07

	Abstract number
Fetal anemia screening using MCA velocities in women receiving chemotherapy during pregnancy <i>M. Ramirez (USA)</i>	P32.08
Bilateral loss of end-diastolic frequencies in the uterine arterial waveform in predicting the risk of brain sparing effect in intrauterine growth restriction <i>S. Wozniak (Poland)</i>	P32.09
Abnormal uterine Doppler velocimetry: Prenatal Doppler evaluation of very preterm fetuses and cerebral neonatal outcome <i>S. Triunfo (Italy)</i>	P32.10

P33: Second and third trimester malformations I

Exhibition hall: C

Coexistent cytomegalovirus and toxoplasma gondii infection in a pregnant women: Prenatal Diagnosis and pathologic correlation <i>S. Molina (Colombia)</i>	P33.01
Late onset fetal nuchal translucency: Clinical implications <i>M. Bronshtein (Israel)</i>	P33.02
Prenatal ultrasound and genetic detection of an unusual presentation of Down syndrome: Case report <i>D. Albu (Romania)</i>	P33.03
De Novo chromosome 10, partial deletion. Prenatal diagnosis <i>J. Ochoa (Argentina)</i>	P33.04
Prenatal diagnosis of trisomy 18 in fetus with only bilateral choroids plexus cysts <i>G. Maruotti (Italy)</i>	P33.05
Antenatal assessment of airway obstruction before EXIT <i>P. Hui (China)</i>	P33.06
Prenatal diagnosis of a foregut duplication cyst in the floor of the mouth <i>R. Aviram (Israel)</i>	P33.07
Prenatal diagnosis of choledochal cyst <i>M. Okumura (Brazil)</i>	P33.08
Gastroschisis in association with schizencephaly and septo-optic dysplasia. A case report <i>O. Navti (UK)</i>	P33.09
Prune belly syndrome, an uncommon form of presentation <i>J. Ochoa (Argentina)</i>	P33.10
Umbilical artery aneurysm: Prenatal diagnosis <i>J. Duyos (Spain)</i>	P33.11
Intraabdominal varix of the umbilical vein: Three case reports <i>M. Horenstein (Argentina)</i>	P33.12
Prenatal diagnosis of renal duplication by fetal sonography <i>D. Eroglu (Turkey)</i>	P33.13
Hypospadias mimicking female genitalia on early second trimester sonographic examination: Report of three cases <i>M. Odeh (Israel)</i>	P33.14
Imaging help for the management of an abdominal pregnancy <i>C. Le Ray (Canada)</i>	P33.15
Placental chorioangioma and fetal VATER Association: Case report <i>L. Nardoza (Brazil)</i>	P33.17
Co-occurrence of multiple placental surface cysts and massive perivillous fibrin deposition in a fetus with left CDH: A case report <i>S. Mann (USA)</i>	P33.18
Prenatal diagnosis of Klippel–Trenaunay–Weber syndrome <i>M. Basbug (Turkey)</i>	P33.19
Prenatal diagnosis of choledochal cyst by ultrasound: A case report <i>D. Cafici (Argentina)</i>	P33.20

P34: Ultrasound in obstetric management I

Exhibition hall: D

Usefulness of three-dimensional sonographic evaluation of maternal hydronephrosis volume as a diagnostic tool in urinary tract infection during pregnancy <i>S. Wozniak (Poland)</i>	P34.01
Placental dimensions in the early 2nd trimester for the prediction of fetal birth weight <i>N. Papantoniou (Greece)</i>	P34.02
Ultrasonographic parameters of cesarean scars in nonpregnant uterus <i>M. Pomorski (Poland)</i>	P34.03
The relationship among the maternal serum markers, uterine artery Doppler velocimetry, perinatal outcome and 3D ultrasonographic measurement of the placental volume in the first trimester <i>Y. Kim (Republic of Korea)</i>	P34.04
Complete chorion-amnion separation as a complication of second trimester genetic amniocentesis: Case series and review of the literature <i>C. Mayer (Canada)</i>	P34.05
Do Ca-125, CEA, MMP-8, IL-8, IL-1 β and/or TNF- α levels of cervical fluid at around 20 weeks' gestational age predict cervical shortening <i>T. Koo (Republic of Korea)</i>	P34.06

Posters – Tuesday 26 August 2008

	Abstract number
Ultrasound prediction of birth weight at 34–37 weeks and 37–40 weeks of gestation <i>M. Rajaei (Islamic Republic of Iran)</i>	P34.07
Ultrasound imaging in the diagnosis and management of placenta chorioangiomas <i>H. Di (China)</i>	P34.08
Outcome of early pregnancy ultrasound scan <i>I. Yakasai (Nigeria)</i>	P34.09
Arteriovenous malformation (AVM) of uterus detected during pregnancy – a case series <i>J. Lee (Republic of Korea)</i>	P34.10
The diagnostic accuracy of different sonographic formulas in fetal weight estimation at the University of the Philippines-Philippine General Hospital <i>E. Llamas-Clark (Philippines)</i>	P34.11
Amnioinfusion during at second and third trimester of the pregnancy <i>S. Pudyastuti (Indonesia)</i>	P34.12
Effects of amnioreduction on symptomatic hydramnios pregnancy <i>Y. Kim (Republic of Korea)</i>	P34.13
Early uterine rupture after laparoscopic myomectomy: Management and outcome of subsequent pregnancy <i>V. Sachar (USA)</i>	P34.14
Evaluation of the new pocket-size ultrasound system 'ACUSON P10 TM' in routine obstetric use <i>N. Salomon (Germany)</i>	P34.15
Indomethacin: A diagnostic and therapeutic tool in the management of progressive cervical shortening diagnosed by trans-vaginal sonography <i>A. Kofinas (USA)</i>	P34.16
Prenatal diagnosis of placenta percreta in labor ward <i>E. Kaloyanova (United Arab Emirates)</i>	P34.17
Chorangiocarcinoma in a term placenta, a rare placental tumor <i>R. Boldes (Israel)</i>	P34.18

P35: Early pregnancy

	Exhibition hall: E
Hitting the target but missing the point – the fatal flaw of ectopic pregnancy research <i>G. Phillipson (New Zealand)</i>	P35.01
Choriocarcinoma of the cervix in an ectopic cervical pregnancy <i>W. Clavelli (Argentina)</i>	P35.02
Comparative first-trimester, three-dimensional transvaginal ultrasound volumetry in normal and missed IVF pregnancies <i>Y. Goncharova (Ukraine)</i>	P35.03
Ultrasound diagnosis (3D ultrasound) and the treatment of non-tubal ectopic pregnancies <i>O. Istre (Norway)</i>	P35.04
Does the laterality of Corpus Luteum influence the Viability of Pregnancy? <i>S. Devarajan (UK)</i>	P35.05
Intramural Pregnancy with a past history of artificial abortion – A case report <i>N. Nishida (Japan)</i>	P35.06
A case of large myometrial defect after Methotrexate for cesarean scar ectopic pregnancy <i>T. Bignardi (Australia)</i>	P35.07
Conservative management of combined with H ₂ O ₂ irrigation of lower uterine segment in a cesarean section scar pregnancy <i>C. Jeon (Republic of Korea)</i>	P35.08
Accuracy of ultrasound in the diagnosis of molar pregnancy <i>S. Cano (Spain)</i>	P35.09
Clinical analysis of ovarian pregnancy <i>J. We (Republic of Korea)</i>	P35.10
Ultrasonography versus HGC levels in cornual heterotopic pregnancy in women treated with methotrexate <i>L. Nardoza (Brazil)</i>	P35.11
Diagnostic accuracy of ultrasound examination in histologically confirmed hydatidiform mole <i>J. Ko (Republic of Korea)</i>	P35.12
Molar Pregnancy in Caesarean scar – A case report and the role of Ultrasound as a diagnostic tool <i>S. Sukumaran (UK)</i>	P35.13



Program – Wednesday 27 August 2008

Meet the Professor breakfasts*

Ferris Room, InterContinental

08:00–08:45		Keynote Lecture	Grand Ballroom
08:00		Chair: A. Abuhamad (USA) Molecular imaging in cardiology <u>P. Libby</u> (USA)	
08:45–10:00		Fetal growth and surveillance	Grand Ballroom
08:45		Chairs: D. Maulik (USA); A. Papageorgiou (UK) Live scan demonstration (supported by Siemens*) <u>A. Baschat</u> (USA)	
09:05		Overview <u>D. Maulik</u> (USA)	
09:15		Abnormal Doppler velocimetry and SGA: evidence for the relationship between utero-placental insufficiency and a maternal anti-angiogenic state <u>T. Chaiworapongsa</u> ; S. Mazaki-Tovi; J. Kusanovic; O. Erez; E. Vaisbuch; F. Gotsch; N. Than; A. Carletti; N. Camacho; N. Hamill; C. Nhan-Chang; P. Mittal; S. Hassan; Y. Sorokin; R. Romero (USA)	OC114
09:20		Discussion	
09:23		Intrauterine growth restriction associated with maternal smoking in pregnancy – Symmetrical or Asymmetrical? <u>C. Lynch</u> ; R. O'Kelly; B. Stuart; R. Conroy; C. Regan (Ireland)	OC115
09:28		Discussion	
09:31		Ductus venosus SIA Index and a-wave reversed flow in severely premature growth-restricted fetuses <u>J. Picconi</u> ; F. Hanif; K. Drennan; M. Kruger; G. Mari (USA)	OC116
09:38		Are double pulsations in the umbilical vein equivalent to a-wave reversal in the ductus venosus in the management of IUGR? <u>K. Drennan</u> ; J. Picconi; F. Hanif; G. Mari (USA)	OC117
09:41		Doppler flow velocity waveforms assessment of fetal central shunts - a potential predictive tool for Intrauterine growth restriction in high risk pregnancies <u>N. Parange</u> ¹ ; C. Wilkinson ¹ ; G. Dekker ¹ ; R. Romero ² ¹ (Australia); ² (USA)	OC118
09:46		Discussion	
09:54		Can individualized fetal growth standards be specified by using earlier scans? <u>W. Lee</u> ; R. Deter; S. Sameera; S. Hassan; F. Gotsch; J. Kusanovic; L. Goncalves; R. Romero (USA)	OC119
09:59		Discussion	
09:00–10:00		Breast imaging	Rm 205–207
09:00		Chairs: A. Lev-Toaff (USA); E. Merz (Germany) Breast MRI <u>M. Solarí</u> (USA)	
09:20		Live scan demonstration (supported by Philips*) <u>M. Solarí</u> (USA)	
09:40		Contribution of three-dimensional ultrasound to two-dimensional ultrasound analysis of benign and malignant breast disease <u>A. Donnadieu</u> ; C. Le Tourneau; L. Berl; I. Nisand (France)	OC120
09:45		Discussion	
09:48		Polycystic ovary syndrome and fibrocystic breast disease: is there any association? <u>I. Gumus</u> ; A. Kokter; D. Dogan; N. Turhan (Turkey)	OC122
09:53		Discussion	
10:00–10:45		Chaired oral poster discussions	
		Rm 325: Fetal anomalies I Chairs: H. Blaas (Norway); A. Abuhamad (USA)	OP13
		Rm 324: Fetal growth restriction Chairs: M. Divon (USA); I. Wilkins (USA)	OP14
		Rm 327: Screening and diagnosis in pregnancy Chairs: H. Valensise (Italy); A. Ngu (Australia)	OP15
		Rm 326: Twins Chairs: M. Momtaz (Egypt); O. Petersen (Denmark)	OP16
		Rm 205–207: Ovarian masses Chairs: A. Czekierdowski (Poland); L. Valentin (Sweden)	OP17
		Rm 202: Reproductive medicine Chairs: N. Raine-Fenning (UK); A. Lev-Toaff (USA)	OP18

* Sessions must be pre-booked, see page 9 for details

*Scientific content of live scan sessions is defined by ISUOG. Ultrasound systems & technical support is provided by our Congress supporters.

Program – Wednesday 27 August 2008

10:30–11:15	Coffee and poster viewing	Exhibition hall
11:15–12:30	Multiple pregnancy	Grand Ballroom
	<i>Chairs: E. Gratacós (Spain); M. D'Alton (USA)</i>	
11:15	Live scan demonstration (supported by Medison*) <i>K. Hecher (Germany)</i>	
11:35	Overview <i>E. Gratacós (Spain)</i>	
11:45	Significance of CRL discrepancy at 11–14 weeks in twin pregnancies <i>B. Thilaganathan; S. Sankaran; S. Sairam; A. Papageorgiou; A. Bhide (UK)</i>	OC123
11:50	Discordance of first trimester crown-rump-length (CRL) measurements is a predictor of adverse outcome in dichorionic twins <i>R. Fareeduddin; S. Rotmensch; J. Mirocha; J. Williams (USA)</i>	OC124
11:55	Discussion	
12:00	Longitudinal growth in twins: development and validation of a predictive model for weight <i>J. Stirnemann; J. Thalabard; L. Salomon; J. Bernard; Y. Ville (France)</i>	OC125
12:05	Discussion	
12:08	Management and neonatal outcome in monochorionic twin pregnancies presenting with marked estimated weight discordance at midtrimester <i>G. Chalouhi; M. Nassar; B. Nasr; Y. Ville (France)</i>	OC126
12:13	Discussion	
12:16	Clinical validation of the CHOP cardiovascular score for twin-to-twin transfusion syndrome (TTTS) <i>M. Bebbington; J. Rychik; Z. Tian; P. McCann; R. Wilson; S. Mann; M. Johnson (USA)</i>	OC127
12:21	Evaluation of ventricular function in the recipient in twin-to-twin transfusion syndrome <i>B. Nasr; F. Proulx; L. Salomon; M. Essaoui; J. Bernard; Y. Ville (France)</i>	OC128
12:26	Discussion	
11:15–12:30	Gynecological oncology	Rm 205–207
	<i>Chairs: D. Timmerman (Belgium); S. Laifer-Narin (USA)</i>	
11:15	The role of transabdominal sonography in gynecologic oncology <i>D. Fischerova (Czech Republic)</i>	
11:30	The assessment of omental metastasis and tumor recurrence <i>A. Testa (Italy)</i>	
11:45	The role of MRI <i>S. Laifer-Narin (USA)</i>	
12:00	Role of ultrasound in guiding of surgery radicality in cervical cancer management <i>D. Fischerova; D. Cibula; P. Calda; P. Dunder; J. Slama; I. Pinkavova (Czech Republic)</i>	OC129
12:05	Discussion	
12:08	Intratumoral vascularization in endometrial cancer as assessed by transvaginal 3D Power-Doppler sonography: correlation with histoprognotic factors <i>J. Alcazar; R. Galvan (Spain)</i>	OC130
12:13	Discussion	
12:16	Ultrasonographic diagnosis and longitudinal follow-up of recurrences after conservative surgery for Borderline Ovarian tumors <i>D. Franchi; S. Boveri; A. Testa; N. Colombo; M. Sideri (Italy)</i>	OC131
12:21	Discussion	
12:24	The role of ultrasound in prediction of optimal vs. suboptimal cytoreductive surgery in advanced ovarian cancers <i>D. Fischerova; D. Cibula; P. Dunder; M. Zikan; P. Freitag; J. Slama; P. Calda (Czech Republic)</i>	OC132
12:29	Discussion	
12:30–14:00	Lunch and poster viewing	Exhibition hall
12:45–13:45	GE Healthcare satellite symposium **	Grand Ballroom
	Extraordinary vision: Leading the way in ultrasound 3D and automation (see page 54 for details)	

Program – Wednesday 27 August 2008

14:00–16:00	Ultrasound and obstetric management	Grand Ballroom
	<i>Chairs: G. Pilu (Italy); M. Merialdi (Switzerland)</i>	
14:00	Overview <i>G. Pilu (Italy)</i>	
14:10	Live scan demonstration (supported by Medison*) <i>W. Sepulveda (Chile)</i>	
14:30	High prevalence of defects in caesarean section scars at transvaginal ultrasound examination <i>O. Vikhareva Osser; L. Jokubkiene; L. Valentin (Sweden)</i>	OC133
14:35	Agreement between transvaginal ultrasound examination performed before and after hydrosonegography with regard to caesarean section scar defects <i>O. Vikhareva Osser; L. Jokubkiene; L. Valentin (Sweden)</i>	OC134
14:40	Discussion	
14:45	Factors associated with lower uterine segment thickness in women with previous cesarean: a prospective study <i>E. Bujold; N. Jastrow Meyer; J. Simoneau; S. Brunet; R. Gauthier (Canada)</i>	OC135
14:50	Factors influencing the lower uterine segment thickness in late pregnancies with previous Cesarean Section <i>G. Gagnon; E. Bujold; L. Bérubé; N. Brassard (Canada)</i>	OC136
14:55	Discussion	
15:00	Normal values for fetal abdominal subcutaneous fat from 20 to 40 weeks gestation, measured using speckle reduction software <i>B. Stuart; C. Lynch; M. Turner (Ireland)</i>	OC137
15:05	Discussion	
15:08	Suggested pathophysiology for the high incidence of cord entanglement during early pregnancy detected by three-dimensional sonography <i>R. Tepper; D. Kidron; O. Markovitch; R. Hershkovitz (Israel)</i>	OC138
15:13	Velamentous cord insertion into the lower uterine segment and long aberrant vessels are associated with intrapartum fetal heart rate abnormalities <i>J. Hasegawa; K. Ichizuka; T. Okai (Japan)</i>	OC139
15:18	Discussion	
15:23	Ultrasound measurements or Bishop score before induction of labor? <i>T. Eggebo; I. Økland; C. Heien; L. Gjessing; P. Romundstad; K. Salvesen (Norway)</i>	OC140
15:28	Discussion	
15:31	Correlation between sonographically determined fetal head rotation and direction in the second stage of labour <i>T. Ghi; M. Segata; A. Farina; G. Simonazzi; S. Gabrielli; A. Perolo; N. Rizzo; G. Pelusi; G. Pilu (Italy)</i>	OC141
15:36	Discussion	
15:39	Labor and delivery ultrasound service after office hours: how does it work? <i>A. Nair; B. Petrikovsky; W. Huang; K. Scott; A. Klapper (USA)</i>	OC142
15:44	Discussion	
15:47	Comparable estimated fetal weight from biometrics of preterm and term singleton pregnancies support the use of birth weight charts for normal fetuses <i>M. Yamamoto; F. Rozas; C. Lopez; L. Caicedo; J. Leiva; J. Carrillo; P. Valentini; A. Insunza (Chile)</i>	OC143
15:52	Discussion	
14:00–16:00	Ovarian pathology: lessons from clinical trials	Rm 205–207
	<i>Chairs: T. Bourne (UK); R. Sabbagha (USA)</i>	
14:00	Overview <i>D. Timmerman (Belgium)</i>	
14:10	Prospective evaluation of logistic regression models to predict malignancy of adnexal masses prior to surgery <i>B. Van Calster¹; C. Van Holsbeke¹; R. Fruscio²; S. Guerriero²; A. Czekierdowski²; L. Valentin⁴; L. Savelli²; A. Testa²; N. Colombo²; D. Fischerova⁵; J. Zhang⁶; D. Jurkovic⁷; S. Van Huffel¹; T. Bourne²; D. Timmerman¹ (Belgium); ²(Italy); ³(Poland); ⁴(Sweden); ⁵(Czech Republic); ⁶(China); ⁷(UK)</i>	OC144
14:15	Discussion	
14:18	Ultrasound scoring system to differentiate benign from malignant masses in specific subgroups of adnexal tumors <i>L. Valentin¹; L. Ameye²; A. Testa²; C. Van Holsbeke²; E. Domali²; S. Van Huffel²; I. Vergote²; T. Bourne²; D. Timmerman² (Sweden); ²(Belgium); ³(Italy); ⁴(UK)</i>	OC145
14:23	Discussion	
14:26	Multicenter prospective testing to predict malignancy in adnexal masses using Bayesian network models <i>O. Gevaert¹; C. Van Holsbeke¹; R. Fruscio²; S. Guerriero²; A. Czekierdowski²; L. Savelli²; A. Testa²; D. Fischerova⁴; D. Jurkovic²; T. Bourne²; P. Neven¹; L. Valentin⁶; B. De Moor¹; D. Timmerman¹ (Belgium); ²(Italy); ³(Poland); ⁴(Czech Republic); ⁵(UK); ⁶(Sweden)</i>	OC146
14:31	Discussion	

Program – Wednesday 27 August 2008

14:34	Confirming the limited role of CA-125 for adnexal mass diagnosis <i>B. Van Calster¹; C. Van Holsbeke¹; R. Fruscio²; A. Lissón²; S. Guerriero²; L. Valentin³; A. Czekierdowski⁴; N. Colombo²; E. de Jonge¹; D. Fischerova⁵; A. Testa²; S. Van Huffel¹; T. Bourne⁶; D. Timmerman¹</i> ¹ (Belgium); ² (Italy); ³ (Sweden); ⁴ (Poland); ⁵ (Czech Republic); ⁶ (UK)	OC147
14:39	Discussion	
14:42	The value of the "ovarian crescent sign" to exclude an invasive malignancy <i>C. Van Holsbeke¹; A. Czekierdowski²; D. Fischerova³; Z. Jingzhang⁴; E. de Jonge¹; D. Jurkovic⁵; D. Paladini⁶; A. Testa⁶; D. Timmerman¹</i> ¹ (Belgium); ² (Poland); ³ (Czech Republic); ⁴ (China); ⁵ (UK); ⁶ (Italy)	OC148
14:47	Discussion	
14:50	The ability of four ultrasound methods to discriminate between benign and malignant tumors considered difficult to classify by ultrasound examiners <i>L. Valentin¹; L. Ameye²; L. Savelli³; C. Van Holsbeke²; R. Fruscio²; A. Testa³; D. Fischerova⁴; S. Van Huffel²; D. Paladini⁵; F. Aman²; D. Jurkovic⁵; D. Timmerman²</i> ¹ (Sweden); ² (Belgium); ³ (Italy); ⁴ (Czech Republic); ⁵ (UK)	OC149
14:55	Discussion	
14:58	Investigation of the performance of mathematical models on small ovarian masses in the IOTA phase 1 and 2 study <i>O. Gevaert¹; A. Testa²; A. Daemen¹; C. Van Holsbeke¹; R. Fruscio²; E. Epstein³; F. Leone²; A. Czekierdowski⁴; L. Valentin³; L. Savelli²; T. Bourne⁵; F. Aman¹; B. De Moor¹; D. Timmerman¹</i> ¹ (Belgium); ² (Italy); ³ (Sweden); ⁴ (Poland); ⁵ (UK)	OC150
15:03	Discussion	
15:06	Pattern recognition by less experienced examiners and use of mathematical models to discriminate between static ultrasound images of benign and malignant adnexal masses <i>C. Van Holsbeke¹; L. Lannoo¹; T. Mesens¹; E. de Jonge¹; L. Valentin²; D. Jurkovic³; J. Yazbek³; T. Holland³; D. Timmerman¹</i> ¹ (Belgium); ² (Sweden); ³ (UK)	OC151
15:11	Discussion	
15:14	Prevalence of cancer and optimal cut-off levels for mathematical models to distinguish between benign and malignant adnexal masses <i>A. Daemen¹; C. Van Holsbeke¹; R. Fruscio²; S. Guerriero²; A. Czekierdowski³; L. Valentin⁴; L. Savelli²; A. Testa²; N. Colombo²; T. Bourne⁵; I. Vergote¹; B. De Moor¹; D. Timmerman¹</i> ¹ (Belgium); ² (Italy); ³ (Poland); ⁴ (Sweden); ⁵ (UK)	OC152
15:19	Discussion	
15:22	Prospective evaluation of a model to diagnose adnexal masses as benign, primary invasive, borderline, or metastatic <i>B. Van Calster¹; C. Van Holsbeke¹; R. Fruscio²; S. Guerriero²; A. Czekierdowski³; L. Valentin⁴; L. Savelli²; A. Testa²; D. Paladini²; F. Leone²; E. Epstein³; T. Bourne⁵; S. Van Huffel¹; D. Timmerman¹</i> ¹ (Belgium); ² (Italy); ³ (Poland); ⁴ (Sweden); ⁵ (UK)	OC153
15:27	Discussion	
15:30	Prospective external validation of an ultrasound scoring system to differentiate benign from malignant masses in specific subgroups of adnexal tumors <i>L. Valentin¹; L. Ameye²; R. Fruscio³; C. Van Holsbeke²; A. Czekierdowski⁴; S. Guerriero³; N. Colombo³; D. Fischerova⁵; B. Jingzhang⁶; S. Van Huffel²; A. Testa³; D. Timmerman²</i> ¹ (Sweden); ² (Belgium); ³ (Italy); ⁴ (Poland); ⁵ (Czech Republic); ⁶ (China)	OC154
15:35	Discussion	

16:00–16:30 Coffee and poster viewing Exhibition hall

16:30–18:00 Detailed fetal anatomy Grand Ballroom

	<i>Chairs: J. Hobbins (USA); Y. Ville (France)</i>	
16:30	Live scan demonstration (supported by GE Healthcare*) <i>G. Pilu (Italy)</i>	
16:50	Overview <i>J. Hobbins (USA)</i>	
17:00	Normative data of the transverse diameter of the developing fetal thymus <i>F. Gamez¹; J. Santolaya-Forgas²; J. De Leon¹; P. Pintado¹; R. Perez-Fernandez¹; L. Ortiz-Quintana¹</i> ¹ (Spain); ² (USA)	OC155
17:05	A longitudinal study of the intrauterine growth of echogenic fetal lung masses <i>M. Bebbington; E. Danzer; J. Wright; R. Wilson; S. Mann; M. Johnson (USA)</i>	OC156
17:10	Bronchopulmonary sequestration and congenital cystic adenomatoid malformation: natural history <i>F. Mirza; S. Bauer; A. Hawkins; A. Van der Veer; L. Simpson (USA)</i>	OC157
17:15	Discussion	
17:25	Association of single umbilical artery with aneuploidy, congenital malformations and perinatal outcome: Findings in 49,698 unselected pregnant women <i>S. Taher; C. Mckenna; D. Tapoon; L. Wee; S. Kumar; P. Bennett (UK)</i>	OC158

Program – Wednesday 27 August 2008

17:30	Complicated gastroschisis – can prenatal ultrasound predict outcome? <i>E. Friedrich; N. Canvasser; T. Chen; W. Su; S. Emil (USA)</i>	OC159
17:35	Prenatal diagnosis of omphalocele with normal karyotype: a real antenatal dilemma <i>A. Galindo; D. Escribano; J. Arbues; I. Herraiz; C. Rojo; L. Yago; O. Nieto (Spain)</i>	OC160
17:40	Management and outcome of isolated abdominal calcifications <i>C. Votino; A. Lestrade; J. Biard; F. Debiève; C. Hubinont; P. Bernard (Belgium)</i>	OC161
17:45	Discussion	

16:30–18:00 Diagnosis and management of ovarian pathology Rm 205–207

	<i>Chairs: T. Bourne (UK); A. Fleischer (USA)</i>	
16:30	How ultrasound quality impacts on the management of ovarian masses <i>D. Jurkovic (UK)</i>	
16:45	The relevance of asymptomatic simple ovarian cysts <i>L. Valentin (Sweden)</i>	
17:00	Presence of acoustic streaming in different types of adnexal masses <i>C. Van Holsbeke¹; S. Guerriero²; V. Van Belle¹; A. Czekierdowski³; W. Ombelet¹; L. Valentin⁴; D. Fischerova⁵; D. Paladini²; Z. Jingzhang⁶; D. Jurkovic⁷; T. Bourne⁸; D. Timmerman¹ (Belgium); ²(Italy); ³(Poland); ⁴(Sweden); ⁵(Czech Republic); ⁶(China); ⁷(UK)</i>	OC162
17:05	Discussion	
17:08	Transvaginal ultrasound guided needle aspiration in the management of patients with simple ovarian cysts <i>M. Momtaz; A. Ebrashy; M. Aboulghar; A. AlKateb; A. AlSheikha (Egypt)</i>	OC163
17:13	Discussion	
17:16	Ultrasound contrast examination to discriminate benign and malignant adnexal masses <i>A. Testa¹; D. Timmerman²; E. Fruscella¹; C. Van Holsbeke²; L. Savelli¹; E. Ferrazzi¹; F. Leone¹; H. Marret³; C. Exacoustos⁴; G. De Placido¹; D. Bokor⁴; G. Ferrandina¹; V. Van Belle²; L. Valentin⁴ (Italy); ²(Belgium); ³(France); ⁴(Sweden)</i>	OC164
17:21	Discussion	
17:24	Differential diagnosis of the most common benign ovarian cysts using transvaginal ultrasonography: Results of Sardinia-Navarra (Sa.Na.) group <i>S. Ajossa¹; J. Alcazar²; R. Galvan²; C. Laparte²; M. Garcia-Manero²; G. Lopez-garcia²; M. Angiolucci¹; M. Gerada¹; B. Virgilio¹; M. Pilloni¹; G. Melis¹; S. Guerriero¹ (Italy); ²(Spain)</i>	OC165
17:29	Discussion	
17:32	Which parameters could be useful to predict malignancy in sonographically solid adnexal masses? <i>J. Alcazar; P. Royo; R. Galvan; A. Ruiz-Zambrana; M. Auba; B. Olartecoechea (Spain)</i>	OC166
17:37	Discussion	
17:40	Ovarian calcifications – 10 year follow-up <i>B. Petrikovsky; M. Tetrokalashvili; M. Ostrovsky (USA)</i>	OC167
17:45	Discussion	
17:48	Transvaginal color Doppler in the detection of ovarian cancer in a large study population: results of sardinia-navarra (Sa.Na.) group <i>S. Guerriero¹; J. Alcazar²; S. Ajossa¹; M. Angiolucci¹; M. Gerada¹; B. Virgilio¹; M. Pilloni¹; R. Galvan²; C. Laparte²; M. Garcia-Manero²; G. Lopez-Garcia²; G. Melis¹ (Italy); ²(Spain)</i>	OC168
17:53	Discussion	
17:56	Multivariate Adaptive Regression Splines (MARS) statistical modeling of clinical and sonographic data for the preoperative classification of adnexal tumors <i>A. Smolen; A. Czekierdowski; N. Stachowicz; J. Kotarski (Poland)</i>	OC169

Poster viewing is available all day for:

Exhibition hall

Area A: Fetal growth restriction	P36
Area B: Multiple pregnancy	P37
Area C: Second and third trimester malformations II	P38
Area D: Ultrasound in obstetric management II	P39
Area E: Ovarian masses	P40
Area E: Reproductive medicine	P41

Posters – Wednesday 27 August 2008

Posters – Wednesday 27 August 2008

Oral poster discussion groups: 10:00–10:45

Viewing available all day

Abstract number

OP13: Fetal anomalies I

Rm 325

Chairs: *H. Blaas (Norway)*; *A. Abuhamad (USA)*

The tracheal print: A prenatal sonographic clue to assess the atretic portion in oesophageal atresia

OP13.01

E. Quarello (France)

Important to differentiate between fetal and neonatal populations

OP13.02

A. Brantberg (Norway)

Gastroschisis: Fetal biometry and intrauterine growth patterns

OP13.03

A. Horton (USA)

Fetal gastroschisis: Role of multiple antepartum fetal surveillance modalities: A preliminary report

OP13.04

M. Nazir (USA)

Stomach dilatation may be associated with fetal demise in fetuses with isolated gastroschisis

OP13.05

M. Bisulli (USA)

Correlation between prenatal ultrasound measurements and newborn outcome in the free loop of the small bowel in gastroschisis

OP13.06

J. Otero-Pinto (Colombia)

3D Doppler study for prenatal diagnosis of intestinal volvulus: The sonographic barber-pole sign

OP13.07

Z. Leibovitz (Israel)

Outcome of antenatally diagnosed fetal abdominal cysts

OP13.08

S. Mukherjee (UK)

Association of isolated single umbilical artery with adverse perinatal outcome in 18,224 unselected patients

OP13.09

S. Taher (UK)

Perinatal outcome of 127 consecutive fetuses with single umbilical artery

OP13.10

F. Vinals (Chile)

The maxilla-nasion-mandibula angle at 16–34 weeks' gestation: An objective 3D ultrasound measurement for the anteroposterior relationship of the jaws

OP13.11

E. de Jong-Pleij (Netherlands)

Arthrogyposis: 5-year review of cases at a large UK teaching Hospital

OP13.12

O. Navti (UK)

OP14: Fetal growth restriction

Rm 324

Chairs: *M. Divon (USA)*; *I. Wilkins (USA)*

Assessing early first trimester growth with ultrasonography: The influence of ethnic background

OP14.01

C. Bottomley (UK)

The influence of maternal age on early first trimester growth assessed by ultrasound

OP14.02

C. Bottomley (UK)

Antenatal diagnosis of fetal growth restriction – is there an ideal method?

OP14.03

N. Potdar (UK)

Prediction of small for gestational age fetuses with combination of the maternal serological markers PAPP-A, beta-hCG and ADAM12 in first trimester

OP14.04

K. Pihl (Denmark)

Is there a role for routine third trimester sonography for fetal growth in the management of pregnancies complicated by maternal smoking in pregnancy?

OP14.05

C. Lynch (Ireland)

Prediction of outcome in fetuses with short femur on ultrasound: A role for z scores

OP14.06

L. Salomon (France)

Reduced diastolic myocardial tissue velocities in the growth retarded fetus

OP14.07

L. Larsen (Denmark)

Venous liver redistribution in IUGR: Relationship to splanchnic arteries

OP14.08

T. Kiserud (Norway)

Analysis of the hemodynamics of fetal renal artery and fetal renal volume during the normal course of pregnancy

OP14.09

H. Inoue (Japan)

Predictors of cardiovascular deterioration in placenta-based fetal growth restriction (FGR)

OP14.10

A. Baschat (USA)

Integrated Doppler and BPS in severe IUGR fetus predict neonatal outcome

OP14.11

E. Cosmi (Italy)

Independent and combined contribution of cardiovascular Doppler parameters to short-term prediction of mortality in severe IUGR

OP14.12

E. Gratacós (Spain)

Childhood cardiovascular compromise may be assessed in utero and soon after birth in IUGR fetuses

OP14.13

E. Cosmi (Italy)

Posters – Wednesday 27 August 2008

	Abstract number
Small for gestational age fetuses: Does presence of preeclampsia affect neonatal outcome? <i>G. Urban (Italy)</i>	OP14.14
The effects of the maternal hyperoxygenation test on twin pregnancies with one intrauterine growth restricted (IUGR) fetus <i>A. Suhag (USA)</i>	OP14.15
Cardiovascular changes and neonatal outcome in IUGR fetuses born to normotensive and preeclamptic mothers <i>E. Cosmi (Italy)</i>	OP14.16
OP15: Screening and diagnosis in pregnancy	Rm 327
<i>Chairs: H. Valensise (Italy); A. Ngu (Australia)</i>	
Only one 13–15 weeks scan – efficiency in low risk pregnancy <i>S. Tudorache (Romania)</i>	OP15.01
The patient's knowledge about ultrasound examination at the time of mid-trimester scan <i>L. Salomon (France)</i>	OP15.02
Are women fully aware of the reasons for their ultrasound scans in pregnancy? <i>S. Cumming (UK)</i>	OP15.03
The reasons why pregnant women wish to have prenatal ultrasound in low risk pregnancies <i>M. Rajaei (Islamic Republic of Iran)</i>	OP15.04
"Routine versus indicated third trimester ultrasound": Is a randomized trial feasible? <i>C. Le Ray (Canada)</i>	OP15.05
Does second trimester ultrasound affect normal fetal physiology? <i>C. Booker (USA)</i>	OP15.06
Benefits of early screening in fetal anomalies diagnosis <i>N. Cernea (Romania)</i>	OP15.07
Fetal abnormalities leading to 3rd trimester abortion: 9 year experience from a single Medical Center <i>O. Baref (Israel)</i>	OP15.08
Epidemiological characteristics of ultrasonographically detected congenital anomalies in Egyptian women <i>M. Ebraheem (Egypt)</i>	OP15.09
The role of reason for referral, genetic counseling, and genetic sonogram in maternal decision making regarding amniocentesis among pregnancies identified with a Trisomy 21 fetus <i>R. Benoit (USA)</i>	OP15.10
Ultrasonographic biometric estimation of fetuses with Down syndrome in the second trimester: A matched control study <i>A. Smolin (Israel)</i>	OP15.11
Prenatal ultrasound detection and natural history of trisomy 18 <i>G. Urban (Italy)</i>	OP15.12
The Frontal-Fetal-Face vertical at 16–34 weeks' gestation: A reference line for fetal profile anomalies with 3D ultrasound <i>E. de Jong-Pleij (Netherlands)</i>	OP15.13
Facial findings in fetuses with nonchromosomal syndromes diagnosed by prenatal ultrasound <i>M. Basbug (Turkey)</i>	OP15.14
Evaluation of human cervical microstructure with quantitative ultrasound <i>H. Feltovich (USA)</i>	OP15.15
OP16: Twins	Rm 326
<i>Chairs: M. Momtaz (Egypt); O. Petersen (Denmark)</i>	
First-trimester sonographic screening for aneuploidy in multiple pregnancies <i>W. Sepulveda (Chile)</i>	OP16.01
First-trimester nuchal translucency screening for fetal aneuploidies in multiple pregnancies <i>P. Prats (Spain)</i>	OP16.02
First-trimester ductus venosus screening for fetal aneuploidies in multiple pregnancies <i>P. Prats (Spain)</i>	OP16.03
Integrated second trimester risk assessment in twin gestations previously screened in the first trimester <i>L. Platt (USA)</i>	OP16.04
Diamniotic twin pregnancies with a single placental mass; prediction of chorionicity at 11–14 weeks of gestation <i>M. Moon (Republic of Korea)</i>	OP16.05
Strategies and implications of modelling longitudinal prenatal growth in twin pregnancies <i>J. Stimmann (France)</i>	OP16.06
Ultrasound estimation of fetal weight in twin pregnancies. How accurate are we? <i>C. Diaz-Garcia (Spain)</i>	OP16.07
Accuracy of sonographic prediction of fetal weight discordance in twin pregnancies <i>C. Diaz-Garcia (Spain)</i>	OP16.08
Fetal weight discordance in twin pregnancies: Lessons from a longitudinal study <i>J. Stimmann (France)</i>	OP16.09
Effect of chorionicity, zygosity and gender on twin birth weight, weight discordance and perinatal outcome <i>C. Diaz-Garcia (Spain)</i>	OP16.10

Posters – Wednesday 27 August 2008

	Abstract number
Discrepancy of first trimester crown-rump lengths and birth weights in twins of Chinese population <i>C. Chou (Taiwan)</i>	OP16.11
First trimester fetal head and trunk volume and birthweight discrepancy in twin pregnancies. A preliminary study <i>M. Fajardo (Spain)</i>	OP16.12
Clinical combining-application of ultrasound and MRI on multiplets malformations <i>A. Xin Lin Chen (China)</i>	OP16.13
OP17: Ovarian masses	Rm 205–207; viewing Rm 204
<i>Chairs: A. Czekierdowski (Poland); L. Valentin (Sweden)</i>	
Prospective comparison of one-step and two-step models for the classification of adnexal masses as benign or malignant <i>A. Daemen (Belgium)</i>	OP17.01
A critical analysis of three-dimensional power-Doppler angiography (3D-PDA) vascular sampling: Comparison between manual and 5-cc sphere sampling <i>J. Alcazar (Spain)</i>	OP17.02
Variation in the morphological appearance of ovarian mature cystic teratomas: Implications for diagnosis and management <i>T. Holland (UK)</i>	OP17.03
The value of pre-operative ultrasound in triaging women with adnexal pathology for laparoscopic surgery <i>D. Alhamdan (Australia)</i>	OP17.04
Spherical virtual tissue sampling with different size samples in 3D power Doppler angiography for evaluation of ovarian cancers <i>M. Kudła (Poland)</i>	OP17.05
Triage for surgical management of ovarian tumors in symptomatic women: Assessment of an ultrasound-based scoring system <i>J. Alcazar (Spain)</i>	OP17.06
Doppler evaluation of wall shear rate (WSR), wall distension rate (WDR), turbulence index (TI) in preoperative ovarian cysts: A prospective study <i>G. Urban (Italy)</i>	OP17.07
Transvaginal ultrasound predicts ovarian tumor associated neo-angiogenesis <i>J. Abramowicz (USA)</i>	OP17.08
Sonographic features of primary ovarian fibrosarcoma. A report of two cases <i>A. Testa (Italy)</i>	OP17.09
Supported Vector Machines (SVM) for the preoperative discrimination of ovarian tumors: Analysis of selected clinical, biochemical, 2D gray-scale and 3D sonoangiographic data <i>A. Czekierdowski (Poland)</i>	OP17.10
Evaluation of ultrasonographic characteristics of malignancy in ovarian tumors <i>S. Negm (Egypt)</i>	OP17.11
OP18: Reproductive medicine	Rm 202
<i>Chairs: N. Raine-fenning (UK); A. Lev-Toaff (USA)</i>	
A scoring system for evaluation of saline infusion sonohysterosalpingography results in infertile women <i>R. Vladareanu (Romania)</i>	OP18.01
Effect of rising hCG levels on the human corpus luteum during early pregnancy <i>I. Järvelä (Finland)</i>	OP18.02
Three-dimensional ultrasonography (3D-US) and power Doppler angiography (PDA) measurements to predict ovarian response <i>Y. Gilboa (Israel)</i>	OP18.03
Role of the three Vdimensional ultrasound in the evaluation of the uterine cavity in women undergoing assisted reproductive technologies <i>K. Ojha (UK)</i>	OP18.04
Three dimensional perifollicular blood flow by power Doppler angiography and cumulus-oocyte complex assessment in IVF <i>A. Nazzaro (Italy)</i>	OP18.05
Comparison of 3D to 2D Ultrasound techniques for counting ovarian follicles <i>N. Moawad (USA)</i>	OP18.06
Assessing correlation between ovarian and stromal volumes and fasting and postprandial insulin levels in PCOS patients <i>C. Nagori (India)</i>	OP18.07
Computerized endometrial vascularization study using systolic and diastolic 2D power Doppler in the cycles with intrauterine irrigation procedures <i>Z. Leibovitz (Israel)</i>	OP18.08
3D and 3DPD assessment of polycystic ovaries and correlation of these parameters to 2D,CD parameters (study of 125 patients) <i>S. Panchal (India)</i>	OP18.09
Automated three-dimensional follicular measurements increase the clinical work flow in an IVF programme <i>N. Raine-Fenning (UK)</i>	OP18.10
Uterine malformation: Diagnosis with ultrasound and 3D reduces the need for laparoscopic control during hysteroscopic metroplasty <i>O. Istre (Norway)</i>	OP18.11

Posters – Wednesday 27 August 2008

Posters (view only)

Posters are available for viewing all day

P36: Fetal growth restriction

	Abstract number
Birthweight according to gestational age: Still the best predictor for perinatal mortality <i>R. Gonzalez (Chile)</i>	P36.01
Thymus size in IUGR fetuses is significantly reduced comparing to normal growing fetuses <i>Y. Gilboa (Israel)</i>	P36.02
Predicting fetal growth restriction with liver volume by three-dimensional ultrasound in Korea <i>Y. Lee (Republic of Korea)</i>	P36.03
Myometrial blood flow analysis in pregnant women with IUGR <i>T. Waseda (Japan)</i>	P36.04
Longitudinal changes of ductus venosus and computerized cardiocogram in IUGR fetuses <i>D. Nemescu (Romania)</i>	P36.05
Congenital heart disease confounding the diagnosis of severe intrauterine growth restriction: A case report <i>A. Carmo (Brazil)</i>	P36.06
Placental mesenchymal dysplasia associated with transient neonatal diabetes mellitus and paternal UPD6 <i>R. Aviram (Israel)</i>	P36.07

P37: Multiple pregnancy

	<i>Exhibition hall: B</i>
Change in hCG in twin gestations during sequential independent screening <i>L. Platt (USA)</i>	P37.01
Clinical, sonographic and psychosomatic aspects of delayed-interval delivery in twin pregnancy <i>J. Siedentopf (Germany)</i>	P37.03
A report of dizygotic monochorionic twins complicated with twin-to-twin transfusion syndrome <i>A. Diemert (Germany)</i>	P37.04
Treatment of TRAP sequence by percutaneous injection of absolute alcohol into the umbilical artery: A case report <i>L. Nardoza (Brazil)</i>	P37.05
Prenatal diagnosis of conjoined twins: Our experience <i>G. Maruotti (Italy)</i>	P37.06
A case of epigastric heteropagus conjoined twins diagnosed with three dimensional ultrasonography <i>Y. Baytur (Turkey)</i>	P37.07
Twin reversed arterial perfusion (TRAP) sequence: Case report of conservative management and good pregnancy outcome <i>P. Podobnik (Croatia)</i>	P37.08
Fetal reduction in twin pregnancy – does it improve pregnancy outcome? <i>J. Har-toov (Israel)</i>	P37.09
Growth discordance and abnormal Doppler flow in a monochorionic triamniotic triplet pregnancy: A case report <i>A. Suhag (USA)</i>	P37.10
Antenatal ultrasonographic features of fetal hemimegalencephaly and giant lymphangioma <i>J. Garcia-Lozano (Spain)</i>	P37.11
Twins with one face, four arms and four legs in Virtual Reality <i>M. Rousian (Netherlands)</i>	P37.12

P38: Second and third trimester malformations II

	<i>Exhibition hall: C</i>
Complete pelvic evisceration and renal hydronephrosis complicating fetal gastroschisis <i>V. Sachar (USA)</i>	P38.01
Ultrasound findings of junctional epidermolysis bullosa, case report <i>W. Kurdi (Saudi Arabia)</i>	P38.02
Prenatal diagnosis of an obstructing enterogenous cyst <i>B. Canzoneri (USA)</i>	P38.03
Prenatal diagnosis of hernia into umbilical cord <i>V. Mulik (UK)</i>	P38.04
Prenatal US and MRI findings of pelvic embryonal rhabdomyosarcoma <i>H. Yang (Republic of Korea)</i>	P38.05
Case Report: Pericardial teratoma with bad outcome <i>D. Valsky (Israel)</i>	P38.06
Prenatal US and MRI diagnosis of Fryns syndrome <i>H. Yang (Republic of Korea)</i>	P38.07
Dehydrated hereditary stomatocytosis showing variable expressivity: Report of two cases and review of the literature <i>O. Ami (France)</i>	P38.08
Prenatal sonographic findings in a case of cardio-facio-cutaneous syndrome <i>V. Catanzarite (USA)</i>	P38.09

Posters – Wednesday 27 August 2008

	Abstract number
Neuroglial Heterotopia presenting as a submental mass <i>P. Hui (China)</i>	P38.10
Antenatal diagnosis of congenital dacrocystoceles <i>S. Sotiriou (Greece)</i>	P38.11
The examination of the fetal soft palate at various gestations on 3D ultrasound <i>H. Wong (New Zealand)</i>	P38.12
Prenatal diagnosis of adrenal neuroblastoma with 3D sonography and magnetic resonance imaging <i>K. Yusupov (Russian Federation)</i>	P38.13
Partial mole <i>N. Bernolian Salim (Indonesia)</i>	P38.14

P39: Ultrasound in obstetric management II

	Exhibition hall: D
Fetal body measurement in gestational diabetes <i>H. Mirghani (United Arab Emirates)</i>	P39.01
Uterine volume during pregnancy – A cross sectional study <i>L. Ng (Singapore)</i>	P39.02
Is fetal foot length affected by fetal gender? <i>A. Smolin (Israel)</i>	P39.03
Case of placental mesenchymal dysplasia <i>H. Tam Tam (USA)</i>	P39.04
A study to determine the veracity of the ultrasonographic measurements of the thymus during fetal development <i>J. Santolaya-Forgas (USA)</i>	P39.05
Vasa synechia: A case report <i>C. Blake (USA)</i>	P39.06
Incidental diagnosis of intra-abdominal umbilical vein varix during third trimester – sonographic findings and clinical outcome of three cases <i>J. Ilagan (USA)</i>	P39.07
Cervicovaginal fistula presenting during spontaneous abortion <i>M. Small (USA)</i>	P39.08
Severe adenomyosis requiring cesarean hysterectomy <i>T. Beiswenger (USA)</i>	P39.09
Prenatal diagnosis of a scalp mass <i>S. AIDarei (USA)</i>	P39.10
Maternal and fetal diagnosis of 22 q deletion syndrome in pregnancy <i>N. Potdar (UK)</i>	P39.11
Sonotraining on the personal computer: Innovative multimedia-software for further training in prenatal ultrasound diagnostics <i>H. Sedlaczek (Germany)</i>	P39.12
An early pregnancy failure followed by a tubal pregnancy and 2 full-term deliveries in different uterine cavities in a patient with uterine didelphys <i>T. Singer (USA)</i>	P39.13
A correlation of Doppler ultrasound findings with histology in placenta accreta <i>H. Wong (New Zealand)</i>	P39.14
Sonographic measurement of the lower uterine segment thickness: Need for a consensus to predict uterine rupture <i>M. Bergeron (Canada)</i>	P39.16
Intraobserver and interobserver reproducibility of transvaginal ultrasonographic measurements of cervical length at 16 – 18 weeks, 20 – 22 weeks and 37 – 39 weeks <i>K. Park (Republic of Korea)</i>	P39.17
Diagnosis and management of uterine cervical varix in pregnancy <i>K. Reddick (USA)</i>	P39.18

P40: Ovarian masses

	Exhibition hall: E
Color and power Doppler imaging in diagnosis of pelvic gastrointestinal stromal tumor (GIST) <i>Z. Leibovitz (Israel)</i>	P40.01
Sonographic and color Doppler features of testosterone secreting mature ovarian teratoma <i>P. Dar (USA)</i>	P40.02
Torsion of paraovarian cyst in pregnancy – case report <i>G. Kozarov (Serbia)</i>	P40.03
3D ultrasonographic features in endometriotic and hemorrhagic cysts <i>M. Pascual (Spain)</i>	P40.04
The clinical usefulness evaluation of new ultrasonographic method E-flow in Doppler index ovarian tumors malignancy prediction <i>D. Szpurek (Poland)</i>	P40.05
Atypical ultrasonographic presentation of ovarian vein thrombosis simulating a paraovarian cyst <i>M. Pascual (Spain)</i>	P40.06
Case of ovarian leiomyoma causing torsion: Conversion to laparotomy during laparoscopic operation <i>Y. Park (Republic of Korea)</i>	P40.07

P41: Reproductive medicine

A new insertion method of the Levonorgestrel intrauterine system (LNG-IUS) in nulliparous patients: A pilot study
F. Quijano (Colombia)

Application of 3D inversion mode for antral follicle count
L. Mok (Singapore)

An obsolete 25-year-old Chinese ring intrauterine device: Applications of three dimensional sonography to determine its presence and location
T. Wataganara (Thailand)

Use of ultrasound for embryo transfer across the UK
C. Rubina Ali (UK)

The role of ultrasonography in detection of the uterine congenital malformations
B. Kastratovic-Kotlica (Serbia)

Abstract number

Exhibition hall: E

P41.01

P41.02

P41.03

P41.04

P41.05



Program – Thursday 28 August 2008

Meet the Professor breakfasts#

Ferris Room, InterContinental

08:00–08:45		Keynote Lecture	Grand Ballroom
		Chair: <i>T. Bourne (UK)</i>	
08:00		Why pelvic floor reconstructive surgeons need ultrasound imaging <i>H. Dietz (Australia)</i>	
08:45–10:00		Fetal heart III: 4D and outcomes	Grand Ballroom
		Chairs: <i>B. Tutschek (Germany); N. Silverman (USA)</i>	
08:45		Live scan demonstration (supported by GE Healthcare*) <i>R. Chaoui (Germany)</i>	
09:05		Overview <i>B. Tutschek (Germany)</i>	
09:15		Prenatal diagnosis improves short term outcome in Transposition of the Great Arteries <i>M. Russo; D. Paladini; C. Ricci; G. Santoro; M. Palladino; G. Caianiello; C. Vosa; R. Calabro (Italy)</i>	OC170
09:20		Discussion	
09:22		Hypoplastic left heart syndrome (HLHS) diagnosed in fetal life: associated findings, pregnancy outcome and results of palliative surgery <i>A. Galindo; O. Nieto; A. Grañeras; J. Arbues; D. Escribano; R. Carpintero; S. Villagrà (Spain)</i>	OC171
09:27		Discussion	
09:29		Urgent postnatal surgery in transposition of the great arteries: can results be improved by prenatal echocardiographic diagnosis? <i>E. Sinkovskaya; A. Shihranov; V. Plahova; A. Kim; M. Tumanian; L. Bockeria (Russian Federation)</i>	OC172
09:34		Discussion	
09:36		Absent pulmonic or aortic valve leaflet syndrome in the fetus: prenatal diagnosis and outcome of an uncommon anomaly <i>J. Rychik; A. Szwarz; A. Shillingford; M. Cohen; J. Combs; D. Donaghue; M. McCann; Z. Tian (USA)</i>	OC173
09:41		Discussion	
09:43		Importance of outflow tracts in prenatal screening for major congenital heart disease: a prospective evaluation of infants undergoing cardiac surgery <i>D. Berman; J. Pruetz; R. Chang; M. Sklansky (USA)</i>	OC174
09:48		Discussion	
09:50		Fetal tachyarrhythmias: accuracy of prenatal diagnosis, management, outcome and long-term follow-up <i>A. Galindo; R. Carpintero; D. Escribano; O. Nieto; J. Arbues; A. Mendoza (Spain)</i>	OC175
09:55		Discussion	
09:00–10:00		Imaging the pelvic floor	Rm 205–207
		Chairs: <i>S. Yagel (Israel); D. Pretorius (USA)</i>	
09:00		Overview <i>H. Dietz (Australia)</i>	
09:10		Assessing the anal sphincter <i>D. Pretorius (USA)</i>	
09:25		Risk factors for levator ani obstetric trauma assessed by 3DTUS and its significance in the development of pelvic floor disorders <i>D. Valsky; B. Messing; R. Pomp; A. Bord; D. Hochner-Celnikier; Y. Lavy; S. Yagel; I. Eldar; E. Esh-Broder; (Israel)</i>	OC176, OC177
09:30		Discussion	
09:33		Transperineal sonography (TPUS) compared with endoanal sonography (EAUS) in the diagnosis of anal sphincter injury following vaginal delivery <i>G. Fowler; E. Adams; J. Bolderson; D. Lowe; D. Richmond; Z. Alfirovic (UK)</i>	OC178
09:38		Discussion	
09:41		Bladder neck evaluation by perineal ultrasound before and after polypropylene mesh surgery for pelvic organ prolapse <i>M. Nishibayashi; A. Miki; R. Okagaki; I. Nagata; O. Ishihara (Japan)</i>	OC179
09:46		Discussion	
09:49		Modeling the risk of levator trauma in a urogynaecological population <i>H. Dietz; K. Shek; D. Sindhusake (Australia)</i>	OC180
09:54		Discussion	

Program – Thursday 28 August 2008

10:00–10:45 Chaired oral poster discussions

Rm 325: Fetal anomalies II	OP19
<i>Chairs: Y. Zalel (Israel); G. Yeo (Singapore)</i>	
Rm 326: Fetal Doppler	OP20
<i>Chairs: C. Brezinka (Austria); T. Kiserud (Norway)</i>	
Rm 324: Fetal heart III	OP21
<i>Chairs: W. Lee (USA); M. Sklansky (USA)</i>	
Rm 327: Fetal interventions	OP22
<i>Chairs: M. Hansmann (Germany); T. Ghi (Italy)</i>	
Rm 202: Ultrasound in obstetric management	OP23
<i>Chairs: K. Salvesen (Norway); T. Lau (China)</i>	
Rm 205–207: Pelvic floor	OP24
<i>Chairs: A. Steensma (Netherlands); Z. Alfirevic (UK)</i>	

10:30–11:15 Coffee and poster viewing

Exhibition hall

11:15–12:30 Fetal interventions

Grand Ballroom

	<i>Chairs: R. Quintero (USA); Y. Ville (France)</i>	
11:15	Overview <i>R. Quintero (USA)</i>	
11:25	In utero valvuloplasty for critical aortic stenosis and pulmonic atresia developing ventricular hypoplasia <i>C. Benson; D. McElhinney; A. Marshall; L. Wilkins-Haug; V. Silva; A. Mizrahi-Arnaud; J. Lock; W. Tworetzky; G. Marx; R. Brusseau; D. Morash (USA)</i>	OC181, OC182
11:35	Discussion	
11:40	Prognostic value of preoperative cardiac function in TTTS <i>J. Stirnemann¹; M. Mougeot¹; F. Proulx¹; J. Fouron²; Y. Ville¹ (France); ²(Canada)</i>	OC183
11:45	Discussion	
11:48	Emergency cerclage in cases with short cervix at the time of fetoscopic surgery in twin-to-twin transfusion syndrome and its relationship to perinatal outcome <i>L. Salomon; J. Bernard; L. Ortqvist; B. Nasr; M. Essaoui; L. Bussi�eres; Y. Ville (France)</i>	OC184
11:56	The rate and risk factors for fetal loss (FL) following Chorionic Villus Sampling (CVS) <i>A. Odibo; D. Stamilio; B. Oberle; J. Dicke; D. Gray; G. Macones; J. Crane (USA)</i>	OC185
12:01	Discussion	
12:04	Intravascular intrauterine transfusions for red cell alloimmunization: accuracy and improvement of a formula used in a Canadian tertiary center <i>C. Le Ray; L. Hudon; L. Leduc (Canada)</i>	OC186
12:09	Discussion	

11:15–12:30 Menopausal endometrium and screening for pelvic pathology

Rm 205–207

	<i>Chairs: L. Valentin (Sweden); E. Ferrazzi (Italy)</i>	
11:15	Imaging the endometrium <i>E. Epstein (Sweden)</i>	
11:35	The relevance of asymptomatic endometrial polyps <i>E. Dreisler (Denmark)</i>	
12:00	Endometrial volume to predict endometrial cancer stage <i>D. Mavrelas; A. Taylor; J. Yazbek; T. Holland; D. Jurkovic (UK)</i>	OC187
12:05	Discussion	
12:08	Saline infusion sonography endometrial sampling superior to endometrial biopsy in diagnosis of endometrial pathology <i>E. Moschos; R. Ashfaq; D. McIntire; B. Liriano; D. Twickler (USA)</i>	OC188
12:13	Discussion	
12:16	Saline contrast sonohysterography with liquid-based endometrial cytology in post-menopausal patients: Preliminary results <i>F. Leone; C. Marciante; F. Pagano; M.C. Antonacci; G. Tosi; G. Vago; E. Ferrazzi (Italy)</i>	OC189
12:21	Discussion	
12:24	Three-dimensional transvaginal sonography in the evaluation of the uterine cavity <i>M. Momtaz; A. Ebrashy; M. Aboulghar; A. AISheikha; A. AlKateb; S. Negm; R. Kamel (Egypt)</i>	OC190
12:29	Discussion	
12:32	Early diagnosis in ovarian cancer: role of transvaginal color Doppler ultrasound. A nine year experience <i>M. Pascual; L. Hereter; B. Graupera; F. Tresserra; I. Rodriguez; S. Dexeus (Spain)</i>	OC191
12:37	Discussion	

Program – Thursday 28 August 2008

12:30–14:00	Lunch and poster viewing	Exhibition hall
12:45–13:45	Philips satellite symposium ** A variety of topics will be presented (see page 54 for details)	Grand Ballroom
14:00–16:30	Controversies in obstetric imaging <i>Chairs: A. Tabor (Denmark); J. Abramowicz (USA)</i>	Grand Ballroom
14:00	Overview <i>J. Abramowicz (USA)</i>	
14:10	Ultrasound weight estimation of large fetuses: a comparative study of two- and three-dimensional methods <i>G. Lindell; K. Maršál (Sweden)</i>	OC192
14:15	Discussion	
14:18	Late recognition of fetal malformations – legal and liability aspects in Europe <i>C. Brezinka (Austria)</i>	OC193
14:23	Discussion	
14:26	Prenatal ultrasound exposure and school achievement in teenagers; follow-up of a randomized controlled trial <i>K. Stalberg; O. Axelsson; B. Haglund; C.M. Hultman; M. Lambe; H. Kieler (Sweden)</i>	OC194
15:31	Handedness and prenatal ultrasound <i>K. Heikkilä; E. Vuoksimaa; K. Oksava; A. Saari-Kemppainen; M. Iivanainen (Finland)</i>	OC195
15:36	Safety of ultrasonography in pregnancy: WHO systematic review of the literature and meta-analysis <i>M. Torloni¹; N. Vedmedovska²; M. Merialdi³; A. Betràn³; T. Allen³; R. Gonzalez⁴; L. Platt⁶</i> <i>¹(Brazil); ²(Latvia); ³(Switzerland); ⁴(Chile); ⁵(USA)</i>	OC196
15:41	Discussion	
15:50	Debate: Is 3D/4D clinically useful? For: <i>B. Benacerraf (USA)</i> Against: <i>A. Vintzileos (USA)</i>	

Poster viewing is available all day for:	Exhibition hall
Area A: Fetal interventions	P42
Area B: Fetal MRI	P43
Area C: Second and third trimester screening and diagnosis	P44
Area D: Pelvic floor	P45
Area D: Complementary imaging and therapies	P46



Posters – Thursday 28 August 2008

Posters – Thursday 28 August 2008

Oral poster discussion groups: 10:00–10:45

Viewing available all day

OP19: Fetal anomalies II

Chairs: Y. Zalel (Israel); G. Yeo (Singapore)

Congenital Chylothorax. Prenatal diagnosis and long-term follow-up

A. Galindo (Spain)

The abnormal mediastinal masses – Retrospective study of French fetal echography college

E. Bensaïd (France)

Prenatal ultrasonographic diagnosis and outcome of congenital lung abnormal lesion

S. Li (China)

Antenatally diagnosed congenital cystic adenomatoid malformations (CCAM): Accuracy of diagnosis, management and outcome

R. Vlk (Czech Republic)

Ipsilateral lung volumes assessed by three-dimensional ultrasonography in 39 fetuses with isolated congenital diaphragmatic hernia

R. Ruano (Brazil)

Predicting neonatal prognosis in 40 fetuses with isolated congenital diaphragmatic hernia using the “ultrasonographic fetal lung volume to body weight ratio”

R. Ruano (Brazil)

Usefulness of GAC score as a prognostic marker for survival of fetuses with congenital diaphragmatic hernia

K. Oh (Republic of Korea)

Incidence of urinary tract abnormalities in a prenatal diagnosis private unit

R. Cassis-Martinez (Ecuador)

Isolated mild fetal Pyelectasis and infant outcome

P. Dar (USA)

Establishing the reproducibility of fetal renal pelvis volume measurements with Automated Volume Calculation (SonoAVC)

L. Duin (Netherlands)

The distance between fetal umbilical cord insertion and symphysis pubis In utero indication for congenital bladder extrophy

Y. Gilboa (Israel)

Fetal bladder extrophy – in-utero clues for definitive diagnosis

L. Gindes (Israel)

OP20: Fetal Doppler

Chairs: C. Brezinka (Austria); T. Kiserud (Norway)

Fetal breathing increases umbilical blood flow after the second trimester

M. Nyberg (Norway)

Absolute blood velocities in the umbilical artery reflect umbilical volume flow in IUGR-fetuses

A. Schwarze (Norway)

Reliability of the fetal umbilical vein volume flow measurement between different operators

J. Carrillo (Chile)

Assessment of fetal middle cerebral artery peak systolic velocity in different segments

A. Carmo (Brazil)

Middle cerebral artery peak systolic velocity in pregnancies complicated by isoimmunization: Is it applicable in clinical practice?

W. Kurdi (Saudi Arabia)

Improved imaging of the portal system with 3D/4D Doppler modalities and B-flow

S. Yagel (Israel)

Alveolar capillary dysplasia – Prenatal diagnosis in at risk couples using Doppler flow analysis of fetal pulmonary arteries

O. Nevo (Canada)

Imaging the Hyrtl anastomosis with 3D/4D ultrasound modalities. Anatomy and functional assessment

B. Messing (Israel)

The uteroplacental and fetal circulation in ongoing pregnancies with known fetal malformations – correlation with maternal distress

A. Helbig (Norway)

OP21: Fetal heart III

Chairs: W. Lee (USA); M. Sklansky (USA)

Congenital heart disease in fetuses with abnormal ductus venosus blood flow and normal karyotype

J. Martínez (Spain)

Prenatal diagnosis of coarctation of the aorta in 40 pregnancies during the second and third trimesters: Correlation with postnatal findings

O. Gómez (Spain)

Effectiveness of early fetal echocardiography with 4D-STIC technology

M. Bennasar (Spain)

Prenatal diagnosis with ultrasonography in cardiosplenic syndromes

M. Kim (Republic of Korea)

Abstract number

Rm 325

OP19.01

OP19.02

OP19.03

OP19.04

OP19.05

OP19.06

OP19.07

OP19.08

OP19.09

OP19.10

OP19.11

OP19.12

Rm 326

OP20.01

OP20.02

OP20.03

OP20.04

OP20.05

OP20.06

OP20.07

OP20.08

OP20.09

Rm 324

OP21.01

OP21.02

OP21.03

OP21.04

Posters – Thursday 28 August 2008

	Abstract number
Increased fetal nuchal translucency: Is diastolic cardiac function gender dependent? <i>S. Clur (Netherlands)</i>	OP21.05
Sizes of fetal cardiovascular structures across gestation <i>D. Wood (USA)</i>	OP21.06
Prenatal sonographic diagnosis of fetal anomalies of arch branches <i>S. Li (China)</i>	OP21.07
The role of three vessels and trachea view in screening fetal congenital heart defects <i>H. Wang (China)</i>	OP21.08
Global myocardial performance index (Tei index) is a sensitive parameter of cardiovascular dysfunction in fetuses with supraventricular tachycardia (SVT) <i>M. Nimbalkar (USA)</i>	OP21.09
Myocardial tissue doppler in fetuses of diabetic mothers <i>P. Zielinsky (Brazil)</i>	OP21.10
To Evaluate the Cardiac Large Vessels' hemodynamics in 11–14 weeks' gestation by Doppler ultrasound <i>Q. Min (China)</i>	OP21.11
Perinatal outcome after prenatal diagnosis of double outlet right ventricle <i>B. Puerto (Spain)</i>	OP21.12
National registry of fetal cardiac pathology in Poland (ORPKP) <i>M. Respondek-Liberska (Poland)</i>	OP21.13
OP22: Fetal interventions	Rm 327
<i>Chairs: M. Hansmann (Germany); T. Ghi (Italy)</i>	
Fetoscopic laser surgery for severe twin-twin transfusion syndrome: A five-year experience in Japan <i>H. Sago (Japan)</i>	OP22.01
Gelatin seal of fetoscopic access port following laser photocoagulation in Twin Twin Transfusion syndrome <i>A. Johnson (USA)</i>	OP22.02
Fetoscopic surgery in triplet pregnancies with TRAP sequence <i>S. Mann (USA)</i>	OP22.03
Revised risk of fetal loss following second trimester amniocentesis <i>N. Papantoniou (Greece)</i>	OP22.04
In Twin to Twin Transfusion Syndrome (TTTS) there is improvement in CVPS of the recipient <i>M. Respondek-Liberska (Poland)</i>	OP22.05
Cord occlusion in complicated monochorionic (MC) multiple pregnancies: A comparison of techniques <i>K. Gouin (Canada)</i>	OP22.06
Application of high-intensity focused ultrasound for fetal therapy – experimental study using animal model for obstructive uropathy <i>K. Ichizuka (Japan)</i>	OP22.07
Invasive procedures for fetal karyotyping; No cause of a subsequent gestational hypertension/preeclampsia <i>P. Lindgren (Sweden)</i>	OP22.08
Fetal karyotype in twin to twin transfusion syndrome: A seven-year study <i>L. Salomon (France)</i>	OP22.09
A recurrent missense mutation in the ITGA9 gene is associated with poor prognosis in fetuses with severe chylothorax treated by antenatal OK-432 pleurodesis <i>M. Chen (Taiwan)</i>	OP22.10
Early intra-uterine transfusions (IUT) in severe red blood cell (RBC) alloimmunization <i>Y. Yinon (Canada)</i>	OP22.11
Late CVS: Experience with 5800 cases <i>P. Podobnik (Croatia)</i>	OP22.12
Amniotic fluid RT-PCR for prenatal diagnosis of congenital CMV infection after suspicious ultrasound or maternal disease <i>S. Yagel (Israel)</i>	OP22.13
OP23: Ultrasound in obstetric management	Rm 202
<i>Chairs: K. Salvesen (Norway); T. Lau (China)</i>	
Long duration of labor and post-partum anemia increase the risk of large defects in caesarean section scars <i>O. Vikhareva Osser (Sweden)</i>	OP23.01
Assessing the risk of spontaneous preterm birth using ultrasound cervical length and fetal fibronectin <i>E. Gottschalk (Germany)</i>	OP23.02
Bishop score, cervical length and fetal fibronectin immunoassay in prediction of successful labor induction in hypertensive disorders of pregnancy <i>O. Moreno-Alvarez (Mexico)</i>	OP23.03
Clinical and sonographic parameters at 37 weeks' gestation to predict the risk of caesarean delivery for failure to progress in nulliparous women <i>S. Kim (Republic of Korea)</i>	OP23.04
Clinical Efficacy of XI VOCAL in cervical volume measurement for the prediction of postterm induction of VBAC in Korea <i>Y. Jo (Republic of Korea)</i>	OP23.05

Posters – Thursday 28 August 2008

	Abstract number
Intrapartum assessment of fetal head descent: A feasibility study using three dimensional transperineal ultrasound <i>C. Macpherson (UK)</i>	OP23.06
Three-dimensional ultrasound in the second stage of labour <i>T. Ghi (Italy)</i>	OP23.07
The effects of intrapartum continuous epidural analgesia on uterine artery flow velocity waveforms <i>A. Lucena (Spain)</i>	OP23.08
Borderline amniotic fluid index and adverse perinatal outcome <i>A. Jamal (Islamic Republic of Iran)</i>	OP23.09
Determination of placental weight using two-dimensional sonography and volumetric mathematic modeling <i>H. Azpurua-Pardi (USA)</i>	OP23.10
Placental measurements in the first trimester and adiponectin, leptin and insulin plasma concentrations <i>D. Borowski (Poland)</i>	OP23.11
Placental morphology and fetal renal function; Is there a relationship? <i>M. Thompson (UK)</i>	OP23.12
Performing an in utero placental pathology examination at 11–14 weeks gestation <i>N. Schwartz (USA)</i>	OP23.13
Role of clinical and ultrasound findings for the diagnosis of retained products of pregnancy <i>A. Jamal (Islamic Republic of Iran)</i>	OP23.14
The role of ultrasound imaging at early pregnancy in prediction of placenta previa <i>A. Kim (Republic of Korea)</i>	OP23.15

OP24: Pelvic floor

Rm 205–207; viewing Rm 204

<i>Chairs: A. Steensma (Netherlands); Z. Alfirevic (UK)</i>	
A prolonged second stage of labor may be a predisposing factor for levator ani injury in women with 3rd and 4th degree perineal tears <i>V. Eisenberg (Israel)</i>	OP24.01
Pelvic floor muscles anatomy and function in asymptomatic parous women <i>D. Pretorius (USA)</i>	OP24.02
3rd and 4th degree perineal tears, levator ani avulsion defects, and fecal incontinence: Is there a synergistic effect? <i>V. Eisenberg (Israel)</i>	OP24.03
How best to evaluate tomographic pelvic floor ultrasound findings? <i>H. Dietz (Australia)</i>	OP24.04
Morphological abnormalities of the pubovisceral muscle in patients with stress urinary incontinence – the use of 3D/4D ultrasound <i>L. Krofta (Czech Republic)</i>	OP24.05
Comparison of subjective patients' experience; evacuation proctography or dynamic 3D transperineal ultrasound for diagnosing posterior compartment prolapse? <i>A. Steensma (Netherlands)</i>	OP24.06
Pelvic floor anatomy in adult females within the Bladder-Exstrophy-Epispadias-Complex (BEEC) <i>A. Ebert (Germany)</i>	OP24.07
How much does the puborectalis muscle have to stretch in childbirth? <i>H. Dietz (Australia)</i>	OP24.08
In search of indicators of levator ani tissue elasticity: What have we learnt so far? <i>V. Eisenberg (Israel)</i>	OP24.09
Assessment of the normal anal sphincter complex with transperineal ultrasound <i>A. Steensma (Netherlands)</i>	OP24.10
Can levator avulsion be diagnosed by 2D translabial ultrasound? <i>H. Dietz (Australia)</i>	OP24.11
Anal sphincter characteristics on 3D transperineal ultrasound in patients with pelvic floor problems <i>V. Eisenberg (Israel)</i>	OP24.12
Is dynamic investigation of the anal sphincter complex useful for assessment of the anal sphincter complex? <i>A. Steensma (Netherlands)</i>	OP24.13
The effect of avulsion on levator hiatal biometry and function <i>H. Dietz (Australia)</i>	OP24.14

Posters (view only)

Posters are available for viewing all day

P42: Fetal interventions

Exhibition hall: A

Alternative technique for prenatal correction of myelomeningocele in cases of myeloschisis <i>R. Oliveira (Brazil)</i>	P42.01
In utero pericardiocentesis in the management of right ventricular cardiac diverticulum <i>B. De Keersmaecker (Belgium)</i>	P42.02

Posters – Thursday 28 August 2008

	Abstract number
Prenatal Diagnosis of a congenital cervical teratoma: EXIT procedure(ex utero intrapartum treatment) <i>M. Park (Republic of Korea)</i>	P42.03
Antenatal diagnosis and treatment of dyshormonogenetic fetal goiter <i>K. Mayor-Lynn (USA)</i>	P42.04
Isolated fetal hydrothorax treated by a single thoracocentesis: A case report <i>C. Hsieh (Taiwan)</i>	P42.05
Successful postnatal management of a fetus with pulmonary sequestration and severe fetal hydrops at 32 weeks <i>M. Yamamoto (Chile)</i>	P42.06
A novel new treatment for iatrogenic twin anemia-polycythemia sequence (TAPS) after laser therapy <i>K. Moise (USA)</i>	P42.07
Laser therapy for severe TTTS: Comparison between triplets and twins <i>A. Diemert (Germany)</i>	P42.08
Maternal amniotic fluid exchange in fetal gastroschisis – first announcement <i>P. Nowak (Poland)</i>	P42.09
 P43: Fetal MRI	
Comparison of prenatal magnetic resonance imaging and ultrasonography for the diagnosis of fetal anomalies <i>E. Seo (Republic of Korea)</i>	P43.01
Congenital diaphragmatic hernia: The role of MRI for calculation of lung head ratio (LHR) and perinatal prognosis <i>G. Fernandes (Brazil)</i>	P43.02
Recognition of fetal anatomy from magnetic resonance imaging by ultrasonographers <i>F. Guerra (Chile)</i>	P43.03
The diagnostic value of fetal liver MRI in cases of congenital haemochromatosis <i>E. Quarello (France)</i>	P43.04
The spectrum of holoprosencephaly on fetal MRI <i>S. Laifer-Narin (USA)</i>	P43.05
MRI in prenatal diagnosis of Septo-optic dysplasia: A case report <i>S. Taher (UK)</i>	P43.06
Prenatal MR imaging of fetal teratomas: Intracranial, oropharyngeal and sacrococcygeal locations. A series of 7 cases <i>S. Laifer-Narin (USA)</i>	P43.07
Ultrafast MRI of the fetus: An increasingly important tool in prenatal diagnosis of congenital anomalies <i>I. Abbas (Egypt)</i>	P43.08
Magnetic resonance imaging for fetal gastroschisis: Report of 11 cases <i>G. Fernandes (Brazil)</i>	P43.09
The role of MRI in the prenatal diagnosis of omphalocele: Report of 14 cases <i>G. Fernandes (Brazil)</i>	P43.10
MRI and 3D-US in placenta accreta: Comparison of results <i>L. Nardoza (Brazil)</i>	P43.11
Prenatal diagnosis of giant multiloculated arachnoid cyst: US and ultrafast MRI study <i>I. Abbas (Egypt)</i>	P43.12
A comparison between prenatal ultrasound and fetal MR Imaging in life-threatening diffuse neonatal hemangiomas (DHN) complicated with Kasabach-Merritt-syndrome <i>J. Shin (Republic of Korea)</i>	P43.13
 P44: Second and third trimester screening and diagnosis	
Usefulness of ultrasonographic markers in the screening for fetal chromosomal abnormalities <i>M. Huaman-Guerrero (Peru)</i>	P44.01
Distribution of ultrasound genetic markers in Appalachia <i>S. Singh (USA)</i>	P44.02
Detection of birth defects by routine ultrasound in Cuiabá-MT, Brazil <i>A. Carmo (Brazil)</i>	P44.03
Value of Level III Prenatal Ultrasound in Prenatal Diagnosis <i>S. Li (China)</i>	P44.04
Data analysis of 993 subjects of fetal malformations from 1999 to 2006 <i>S. Li (China)</i>	P44.05
The ultrasonographic findings and cytogenetic analysis in Cuiaba-MT, Brazil <i>A. Carmo (Brazil)</i>	P44.06
The application of 3D and 3D multislice ultrasound in analysis of fetal body stalk anomaly <i>A. Jurisic (Serbia)</i>	P44.07
3D multislice ultrasound in analysis of fetal urinary tract abnormalities <i>Z. Jurisic (Serbia)</i>	P44.08
Prenatal 3D US finding of esophageal atresia and tracheoesophageal fistula <i>S. Kim (Republic of Korea)</i>	P44.09

Exhibition hall: B

Exhibition hall: C

Posters – Thursday 28 August 2008

	Abstract number
3D ultrasound enhances congruence of prenatal and postnatal diagnosis of frontonasal dysplasia <i>Y. Yamamura (USA)</i>	P44.10
Correlation analysis of antenatal ultrasound and chromosome abnormalities <i>S. Li (China)</i>	P44.11
Prenatal and postnatal imaging findings of Fetal Tuberous Sclerosis <i>J. Cho (Republic of Korea)</i>	P44.12
The use of 3D ultrasound in the antenatal diagnosis of skeletal dysplasia: 3 case reports <i>H. Wong (New Zealand)</i>	P44.13
3D Skeletal Multiplanar Techniques for Identification the Patterns of Recognition of Fetal Skeletal Dysplasias <i>M. Herrera (Colombia)</i>	P44.14
Prenatal diagnosis of Peters-Plus Syndrome <i>G. Maruotti (Italy)</i>	P44.15
Combined prenatal ultrasound and fetal MR Imaging in diagnosis of fetal arachnoid cyst of 2 cases <i>J. Shin (Republic of Korea)</i>	P44.16
Prenatal 'real-time' ultrasound findings of epulis at 34 weeks – a case report <i>T. Chang (Taiwan)</i>	P44.17
Prenatal exclusion of Harlequin ichthyosis with 3D ultrasound <i>M. Alnemer (Saudi Arabia)</i>	P44.18
Ductus venosus agenesis: Prenatal sonographic features and postnatal outcome <i>G. Maruotti (Italy)</i>	P44.19
Triplet pregnancy with partial hydatidiform mole coexisting with two fetuses: A case report <i>Y. Kim (Republic of Korea)</i>	P44.20
P45: Pelvic floor	Exhibition hall: D
A case of mistaken identity <i>J. Short (New Zealand)</i>	P45.01
Ultrasound examination of the female urethra after short-term intravaginal estrogen treatment <i>S. Wozniak (Poland)</i>	P45.02
P46: Complementary imaging and therapies	Exhibition hall: D
A case report: The use of 3D power Doppler in the evaluation of intramural pregnancy with arteriovenous malformation treated by selective uterine artery embolization <i>J. Moon (Republic of Korea)</i>	P46.01
Ultrasonic imaging of Mirena IUCD position problems <i>R. Sanders (USA)</i>	P46.02
The protodiastolic notch in extraovarian adnexal lesions: A useful diagnostic feature? <i>A. Testa (Italy)</i>	P46.03
Characterization of benign and malignant solid breast masses in harmonic 3D power Doppler imaging <i>Y. Hsiao (Taiwan)</i>	P46.04
The sonographic detection of adenomyosis in patients with endometrial ablation failure <i>L. Knoepp (USA)</i>	P46.05
Use of SonoVue in the study of cervical cancer: Our experience <i>G. Nazzaro (Italy)</i>	P46.06
Four-day-old female with congenital hydrometrocolpos and imperforate hymen <i>T. Song (Republic of Korea)</i>	P46.07
Uterine arteriovenous malformation: Diagnosis through 3D power Doppler and angio resonance. A case report <i>L. Nardoza (Brazil)</i>	P46.08

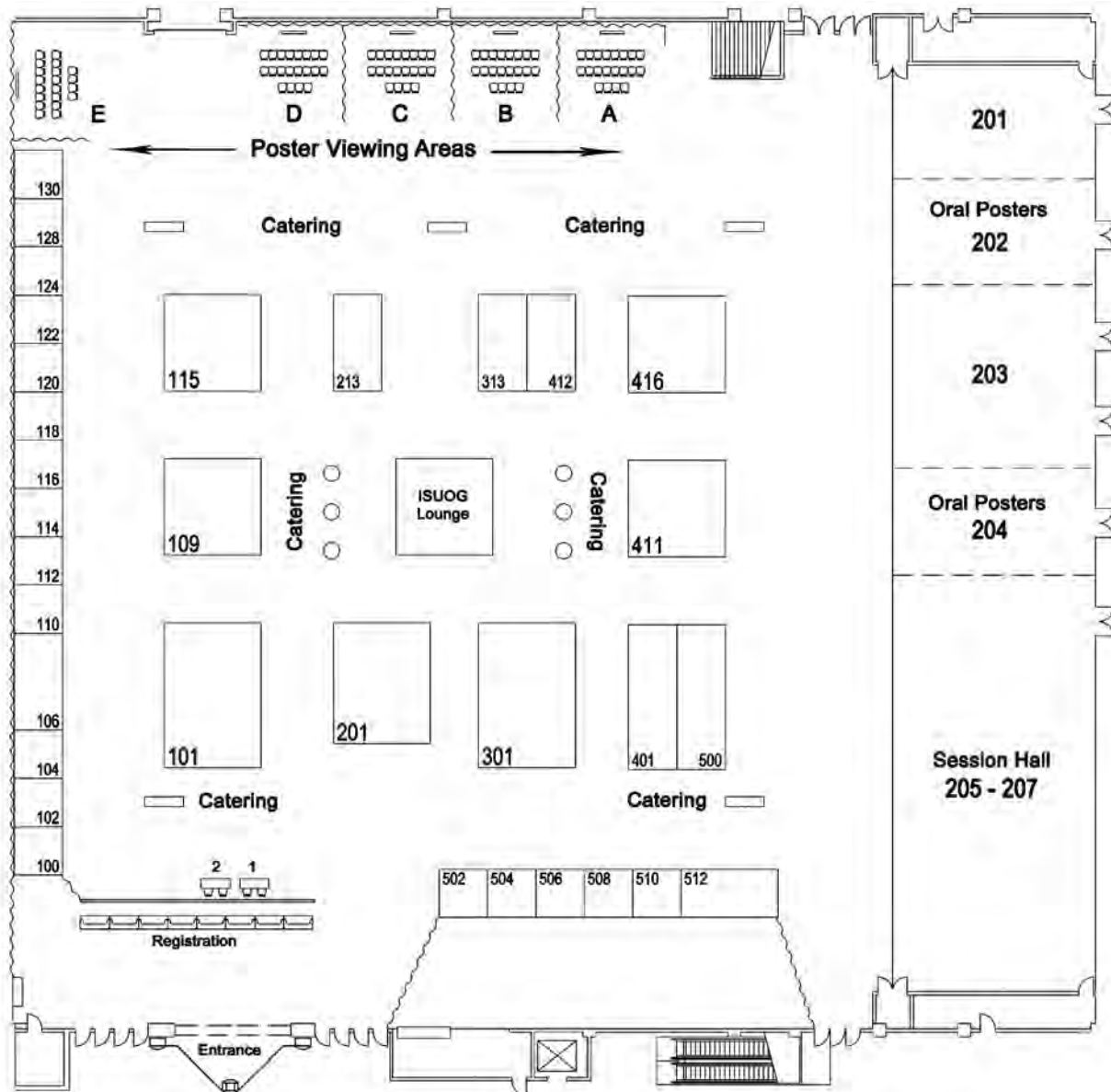


Sponsors' activities

The following activities do not form part of the World Congress CME program; the World Congress and ISUOG are not responsible for the content of these sessions.

Room	MONDAY 25 AUGUST	TUESDAY 26 AUGUST	WEDNESDAY 27 AUGUST	THURSDAY 28 AUGUST
Grand Ballroom	<p>Medison</p> <p>Satellite symposium 12:45–13:45 3D routine fetal sonography. Made simple The use of 3D ultrasonography in first trimester screening <i>J. Sonek (USA)</i></p> <p>Fetal lung measurement, VOCAL and XI VOCAL <i>H. Won (South Korea)</i></p> <p>3D ultrasound for hard and soft palate evaluation. What's new? <i>W. Sepulveda (Chile)</i></p> <p>Standardization in 3D fetal cardiac scan. Made simple. <i>R. Bataeva (Russia)</i></p>	<p>Siemens</p> <p>Satellite symposium 12:45–13:45 Improving Workflow and Diagnostic Confidence in Obstetrics and Gynecology</p>	<p>GE Healthcare</p> <p>Satellite symposium 12:45–13:45 Extraordinary vision: leading the way in ultrasound 3D and automation 3D ultrasound and automation software; current status and future applications <i>A. Abuhamad (USA)</i></p> <p>A new 3D Automated Ultrasound Tool to assist in the second phase of labour <i>G. Pilu (Italy)</i></p> <p>Why should 3D ultrasound be part of every GYN scan <i>B. Benacerraf (USA)</i></p>	<p>Philips</p> <p>Satellite symposium 12:45–13:45 A variety of topics will be presented, ranging from new technologies for Ob/Gyn ultrasound, to new solutions for the technically difficult patient. <i>J. Brown, Director, Clinical/Technical Marketing</i> <i>L. Cohen (USA)</i> <i>A. Fleischer (USA)</i> <i>H. Feltovich (USA)</i></p>
Lakeview Terrace	<p>GE Healthcare</p> <p>Visit the GE Healthcare information stations in the Lakeview Terrace to learn about new product innovations, humanitarian efforts utilizing GE Healthcare compact ultrasound, and the Ecomagination initiative. All GE customers are invited to visit the VolusonClub lounge to become a member, interact, surf the Internet and relax.</p>			
329	<p>GE Healthcare</p> <p>Satellite education area</p> <p>09:30–10:30 Fetal echocardiography – State of the Art <i>G. DeVore (USA)</i></p> <p>11:00–12:00 Advanced technologies and their clinical application in gynecology <i>N. Raine-Fenning (UK)</i></p> <p>13:00–14:00 Optimized workflow for image management and reporting <i>B. Benacerraf (USA)</i></p> <p>14:30–15:30 The role of automation and 3D ultrasound in the labour and delivery department <i>G. Pilu (Italy)</i></p>	<p>GE Healthcare</p> <p>Satellite education area</p> <p>09:30–10:30 First trimester imaging <i>I. Timor-Tritsch (USA)</i></p> <p>11:00–12:00 Volume ultrasound of the fetal brain: from the normal anatomy to clinical examples of abnormalities <i>F. Vinals (Chile)</i></p> <p>13:00–14:15 Discover automation in ultrasound – hands on <i>GE education team</i></p> <p>15:00–16:00 Advanced technologies in prenatal diagnosis. Tips and tricks. <i>B. Benoit (France), R. Chaoui (Germany)</i></p>		
203	<p>Siemens</p> <p>Hospitality suite</p> <p>Live scanning and customer service training</p> <p>10:30–11:00 12:30–14:00 16:00–16:30</p>	<p>Siemens</p> <p>Hospitality suite</p> <p>Live scanning and customer service training</p> <p>10:30–11:00 12:30–14:00 16:00–16:30</p>	<p>Siemens</p> <p>Hospitality suite</p> <p>Live scanning and customer service training</p> <p>10:30–11:00 12:30–14:00 16:00–16:30</p>	
202		<p>Philips</p> <p>Hospitality suite</p> <p>10:30–11:00 Scan with the experts – volume imaging of the heart <i>D. Maulik (USA)</i></p> <p>12:30–14:00 Scan with the experts <i>N. Haratz (USA)</i></p> <p>16:00–16:30 Scan with the experts – volume imaging of the fetal face <i>J. Abramowicz (USA)</i></p>		
201		<p>Medison</p> <p>Hospitality suite</p> <p>Interactive 3D Workshops featuring 3D XI™</p> <p>10:30–11:00 3D US for fetal brain and face evaluation <i>K. Kalache (Germany)</i></p> <p>13:30–14:00 2D/3D fetal scan in expert's hands <i>D. Cafici (Argentina)</i></p> <p>16:00–16:30 3D US for fetal heart exam, STIC <i>R. Bataeva (Russia)</i></p>	<p>Medison</p> <p>Hospitality suite</p> <p>Interactive 3D Workshops featuring 3D XI™</p> <p>10:30–11:00 3D US for fetal brain and face evaluation <i>W. Sepulveda (Chile)</i></p> <p>13:30–14:00 2D/3D fetal scan in expert's hands <i>D. Cafici (Argentina)</i></p> <p>16:00–16:30 3D US for fetal heart exam, STIC <i>R. Bataeva (Russia)</i></p>	

Exhibitor listing and floor plans



Exhibitor list

Company	Stand no.	Company	Stand no.
Advanced Health Education Center, Ltd.	1	Jaypee Brothers Medical Publishers (P) Ltd.	122
AIUM	128	Lippincott, Williams & Wilkins	508
Aloka Ultrasound	109	Medison Co., Ltd.	301
AngioDynamics	116	PerkinElmer Life and Analytical Sciences	512
AS Software, Inc.	412	Philips Medical Systems	411
Astraia Software GmbH	504	R4, LLC	124
Chison Medical Imaging Co., Ltd.	112	Rush University	510
CIVCO Medical Solutions	502	Shenzhen Mindray Bio-Medical Electronics Co., Ltd.	416
ContextVision AB	100	Siemens AG Medical Solutions	201
Cook Medical	106	SMFM / NTQR	130
Digisonics, Inc.	102	Sonultra / Cyber Café	213
Elsevier	506	Sound Ergonomics	120
Esaoite S.p.A	115	Texas Children's Fetal Center	313
Fetal Medicine Foundation USA	110	Toshiba America Medical Systems, Inc.	401
GE Healthcare	101	Ultrasonix Medical Corporation	118
GeneCare Medical Genetics Center	114	Zonare Medical Systems, Inc.	500
InSightec	104		
ISUOG	Lounge		
Future meetings	2		

Please see detailed exhibitor profiles on pages 56–65 for more information about the companies listed.

Exhibitor profiles

Advanced Health Education Center, Ltd.

Stand no: 1

8502 Tybor Dr., Houston, TX USA 77074

Tel: + 1 713 772 0157

Fax: + 1 713 772 0155

Email: cohnmacht@ahconline.com

Website: www.ahconline.com

Contact: Catherine Ohnmacht

ADVANCED HEALTH EDUCATION CENTER, Ltd. (AHEC) is the premier provider of ultrasound continuing education to medical professionals. AHEC is on the cutting edge and uniquely focused on providing clients with courses that cross train and sharpen new and existing skills. Our upcoming courses include 5-Day OB/GYN Ultrasound Sept 22–26 and Dec. 8–12 and 2-Day Gynecological Ultrasound on Oct 31–Nov 1. AHEC also provides consulting services, project management, training/applications in vascular and other specialty ultrasound.

ALOKA Ultrasound

Stand no: 109

Tel: + 1 203 269 5088

Fax: + 1 203 269 6075

Email: inquiry@aloka.com

Website: www.aloka.com

As a recognized leader in ultrasound innovation, ALOKA is known for unparalleled image quality, superior system reliability and the intuitive use of cutting edge technology. From our powerful follicle measurement packages to our 180 degree endovaginal transducers, ALOKA has the right solution for every Reproductive Medicine practitioner. ALOKA Pioneered Diagnostic Ultrasound, Come See What We Can Do For You.

American Institute of Ultrasound in Medicine

Stand no: 128

Tel: + 1 301498 4100

Fax: + 1 301 498 4450

Email: Jhilderbrand@aium.org

Website: www.aium.org

Contact: Jennifer Hilderbrand

The American Institute of Ultrasound in Medicine (AIUM) 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. For more information or to become a member, please visit www.aium.org.

AngioDynamics

Stand no: 116

603 Queensbury Avenue, Queensbury,

New York 12804, USA

Tel: + 1 518 798 1215 ext. 1145

Fax: + 1 518 792 5626

Email: kostrander@angiodynamics.com

Website: www.angiodynamics.com

Contact: Kevin Ostrander

AngioDynamics (www.angiodynamics.com) is a leading provider of innovative medical devices used by interventional radiologists, surgeons, and other physicians for the minimally invasive treatment of cancer and peripheral vascular disease.

AngioDynamics' diverse product line includes radiofrequency ablation systems, vascular access products, angiographic products and accessories, dialysis products, angioplasty products, drainage products, thrombolytic products, embolization products and venous products.

AS Software, Inc.

Stand no: 412

Tel: + 1 201 541 1900

Fax: + 1 201 541 1199

Email: info@as-software.com

Website: www.as-software.com

Contact: Ari Sandman

AS Software Inc. specializes in Perinatal EMR, Ultrasound EMR, Ultrasound Reporting, and DICOM Image Management Systems, which offer both physicians and hospitals state-of-the-art data management solutions. For over 16 years, AS Software Inc. has been providing high scale systems tailored to meet your needs. We, at AS Software Inc., aim to meet your satisfaction by thinking one step ahead, knowing your requirements, and implementing your new tools

Astraia Software GmbH

Stand no: 504

Occamstrasse 20, Munich, Germany

Tel: + 49 89 1271147 0

Fax: + 49 89 1271147 17

Email: info@astraia.com

Website: www.astraia.com

Contact: Roland Denk

Astraia software for women's health covers all aspects of women's health. It delivers standardised terminology and provides a range of summaries with clear structured examination reports, often supplemented by charts. Different formats can be selected for adjustable reports. Interfaces are available for established ultrasound machines and hospital administration systems. Efforts and expenses for administration, archiving and correspondence can be significantly reduced.

Exhibitor profiles

Chison Medical Imaging Co., Ltd.

Stand no: 112

No. 8 Xiang Nan Road, Shuo Fang, New District,
Wuxi, China

Tel: + 86 510 8531 0937

Fax: + 86 510 8531 0726

Email: export@chison.com.cn

Website: www.chison.com.cn

Contact: *Moyra Mo*

CHISON is one of the world's leading manufacturers of ultrasound systems. With its know-how of transducer design, strong technical force of modern biomedical engineering, software & electronics, CHISON has specialized in the development & manufacturing of high quality ultrasound systems for over 10 years. It has an annual production capacity of making 8,000 units ultrasound systems. It is ISO & CE certified by TUV in Germany, and has also received FDA approval from USA.

CIVCO Medical Solutions

Stand no: 502

102 First Street South, Kalona, IA 52247, USA

Tel: + 1 319 656 447

Fax: + 1 319 656 4451

Email: info@civco.com

Website: www.civco.com

Contact: *Lauren Sels*

With over 25 years of experience, CIVCO is the recognised global specialist in the design, manufacture and marketing of image-guided solutions for diagnostic and minimally invasive procedures. CIVCO partners with leading OEMs to supply innovative products such as image-guided needle guidance systems, infection control covers, imaging supplies and positioning/stabilising equipment.

ContextVision AB

Stand no: 100

Kungsgatan 50, 111 35 Stockholm, Sweden

Tel: + 46 8 750 3550

Fax: + 46 8 750 5494

Email: info@contextvision.se

Website: www.contextvision.com

Contact: *Lilian Rivera*

ContextVision is the software imaging partner to the most recognised medical imaging manufacturers worldwide, enabling them to rapidly deliver leading products to market and provide next-generation upgrades while focusing on their customers. ContextVision's world leading imaging software offers the greatest image clarity and quality available, enabling unprecedented diagnostic confidence. The company has worldwide offices with corporate sales & marketing in Stockholm, Sweden and is listed on the Oslo Stock Exchange, Norway under the SMB list (ticker:COV).

Cook Medical

Stand no: 106

P.O. Box 489, Bloomington, IN 47402, USA

Tel: + 1 800 468 1379

Fax: + 1 812 339 3704

Email: info@cookmedical.com

Website: www.cookmedical.com

Contact: *Justin Renfrow*

With international headquarters in Bloomington, Indiana, Cook® Medical (www.cookmedical.com), the world's largest privately held medical device manufacturer, is a leading designer, manufacturer and global distributor of minimally invasive medical device technology for diagnostic and therapeutic procedures. Since its founding in 1963, Cook has created innovative technologies for radiology, cardiology, urology, critical care medicine, general surgery, assisted reproduction, gynecology and obstetrics, endovascular medicine, gastroenterology and endoscopy.

Digisonics, Inc.

Stand no: 102

3701 Kirby Drive Houston TX 77098, USA

Tel: + 1 800 940 3240

Fax: + 1 713 529 7999

Email: info@digison.net

Website: www.digison.net

Contact: *James Devlin*

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Elsevier

Stand no: 506

927 Leverenz Rd, Naperville, Illinois 60565, USA

Tel: + 1 630 420 0756

Fax: + 1 630-523-7712

Email: d.zwiers@elsevier.com

Website: www.us.elsevierhealth.com/rep/dzwiers

Contact: *Dave Zwiers*

Elsevier will have on display all of their best sellers in Ultrasound. Callen: Ultrasonography in Ob/Gyne, Ahuja: Diagnostic Imaging in Ultrasound, Benacerraf: Ultrasound of Fetal Syndromes.

Exhibitor profiles

Esaote S.p.A

Stand no: 115

Via di Caciolle, 15 - 50127 Firenze, Italy

Tel: + 39 055 4229 1

Fax: + 39 055 4229 208

Email: international.sales@esaote.com

Website: www.esaote.com

Esaote, the Europe-based Ultrasound Manufacturer is internationally recognized as one of the "Top Ten" world's leading diagnostic imaging companies. Esaote is dedicated to constantly developing significant new diagnostic capabilities for the modern women's healthcare professional.

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Fetal Medicine Foundation USA

Stand no: 110

3751 Red Oak Court, Beavercreek Ohio 45430, USA

Tel: + 1 937 208 6084

Fax: + 1 937 208 4268

Email: tlstuerman@mvh.org

Website: www.fetalmedicineusa.com

Contact: *Terry Stuerman, Executive Director*

The FMF USA is a non-profit charitable organization & works in collaboration with the original FMF in London. The FMF is the world leader in providing training and accreditation in First Trimester Screening. We are dedicated to elevating the quality of OB ultrasound through education, quality assurance & research. Visit our international website at fetalmedicine.com or the U.S. website at fetalmedicineusa.com.

GE Healthcare



GE Healthcare

Stand no: 101

9900 Innovation Drive, Wauwatosa, WI 53226, USA

Tel: + 1 888 202 5528

Fax: + 1 888 399 6720

Email: SpecialtyUltrasoundMail@ge.com

Website: www.gehealthcare.com/ultrasound

GE Healthcare provides transformational medical technologies that will shape a new age of patient care. GE Healthcare offers a broad range of services to improve productivity in healthcare and enable healthcare providers to better diagnose, treat and manage patients. For more information about GE Healthcare, visit www.gehealthcare.com

GeneCare Medical Genetics Center

Stand no: 114

201 Sage Road, Suite 300, Chapel Hill, NC 27514, USA

Tel: + 1 919 942 0021

Fax: + 1 919 967 9519

Email: gstuddard68@cs.com

Website: www.genecare.com

Contact: *Greg Studdard*

GeneCare is an International, Clinical and Research Center Providing Comprehensive Genetic Services, Including: Chromosomes; DNA; FISH; Biochemical Analyses, Including First Trimester Screening with Nuchal Translucency (NT) Nasal Bone/Tricuspid Flow/Ductus Venosus/FMF Angle; Modified Sequential Screening; Second Trimester Multimarker Screening; Genetic Counseling and Consults from ABMG Certified Geneticists. We Facilitate Nuchal Translucency, Nasal Bone and Tricuspid Flow Training Courses as well as Educational Support.

InSightec

Stand no: 104

5 Nahum Heth Street, Tirat Carmel, Israel

Tel: + 972 4 8131313

Fax: + 972 4 8131322

Email: info@insightec.com

Website: www.insightec.com

InSightec developed the ExAblate 2000 system which uses MR guided focused Ultrasound Surgery (MRgFUS), integrating high intensity focused ultrasound energy and Magnetic Resonance Imaging (MRI) to provide a revolutionary, non-invasive, outpatient treatment modality for uterine fibroids. Over 4000 patients have been treated with significant symptom relief. This alternative procedure reduces recovery time from weeks to days so patients can get back to their lives sooner.

ISUOG

ISUOG lounge

Unit 4 Blythe Mews, Blythe Road, London W14 0HW, UK

Tel: +44 (0) 20 7471 9955

Fax: +44 (0) 20 7471 9959

Email: info@isuog.org

Website: www.isuog.org

Contact: *Catherine Armstrong*

The **International Society of Ultrasound in Obstetrics and Gynecology** (ISUOG) exists to promote research and education in ultrasound within the field of obstetrics and gynecology and now has more than 3,200 members in 96 countries worldwide. All full paying delegates in Chicago will automatically be registered as members of ISUOG for 2009 and will receive a 12 month subscription to the Society's official journal *Ultrasound in Obstetrics and Gynecology*, as well as special reduced rates to attend our 2009 World Congress in Hamburg, Germany (13-17 September 2009). See our appointments schedule on page 5 and visit us at the ISUOG lounge to find out more!

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Daryaganj New Delhi – 110 002, India

Tel: + 91 11 23272143

Fax: + 91 11 23276490

Email: jaypee@jaypeebrothers.com

Website: www.jaypeebrothers.com

Contact: Mr. J. P. Vij

Jaypee Brothers is a medical publisher who publishes maximum obs & gyne. books. So far they had published about 175 titles exclusively in Obs & Gyne. They are a very high quality book publisher and the prices are within the reach of the doctors and that is the secret of the popularity of Jaypee's Obs Gyne. books in the world.

Stand no: 122

see it all ● ● ●
MEDISON

Medison Co., Ltd.

Discusser & MEDISON Bldg., 1003, Daechi-dong,
Gangnam-gu, Seoul 135-280, Korea

Tel: + 82 2 2194 1209

Fax: + 82 2 2194 1240

Email: marketing@medison.com

Website: www.medison.com

Contact: Carmen Nam

MEDISON, the original pioneer of 3D ultrasound technology has been providing affordable and innovative ultrasound solutions to the medical community for the past twenty-three years. Our extensive product line covers the entire application spectrum from the technically advanced 4D ultrasound systems to the compact, color portable systems, all capable of providing the most accurate and comprehensive ultrasound diagnosis available today.

Stand no: 301

Lippincott Williams Wilkins

1578 Fordham St., Bolingbrook, IL 60490, USA

Tel: + 1 630 776 7108

Fax: + 1 630 771 0941

Email: Scott.Stewart@WoltersKluwer.com

Website: www.LWW.com

Contact: Scott Stewart

Lippincott Williams Wilkins will have on display the latest publications in the field of Ob/Gyn Ultrasound.

Stand no: 508



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Highlights of the MEDISON program at ISUOG 2008

MEDISON Satellite Symposium (Aug 25)
Venue: Grand Ballroom
Aug 25 12:45-13:45

ISUOG Live Scan Demonstration Sessions (Aug 26 - 27)
Venue: Grand Ballroom
Aug 26 08:45-10:00 The Second Trimester Scan
Aug 27 11:15-12:30 Multiple Pregnancy
14:00-16:00 Ultrasound & Obstetric Management

MEDISON Hospitality Suite (Aug 26 - 27)
Venue: Room 201
Visit MEDISON in Room 201 to experience new technology and the latest MEDISON products. **Visit us at MEDISON Booth #301 to get detailed information on each session.**



18th World Congress on Ultrasound
in Obstetrics and Gynecology
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Exhibitor profiles

PerkinElmer Life and Analytical Sciences

Stand no: 512

Tel: + 800-762-4000
 Fax: + 203-944-4914
 Email: productinfo@perkinelmer.com
 Website: www.perkinelmer.com
 Contact: *Andrea Feher*

Through its subsidiary, NTD Laboratories, PerkinElmer is a premier provider of 1st trimester prenatal screening for trisomies and ONTDs in the USA. Outside the USA, PerkinElmer works directly with health care providers, supplying platforms for trisomy screening in the 1st or 2nd trimester.

PerkinElmer is also investigating new 1st trimester markers for adverse pregnancy outcomes such as pre-eclampsia, preterm birth and IUGR.

PerkinElmer's ViaCord® product comprises blood banking services for preserving a baby's umbilical cord blood for possible future use in treating life-threatening diseases.

PHILIPS

Philips Medical Systems

Stand no: 411

22100 Bothell Everett HYW, Bothell, WA 98021, USA
 Tel: + 1 800 982 2011 ext. 7976
 Fax: + 1 425 487 7866
 Email: amy.lex@philips.com
 Website: www.philips.com
 Contact: *Amy M. Lex*

Philips has been providing ultrasound solutions for decades. We continue our commitment to developing products that combine both advanced technology and ease of use, and employ cutting-edge clinical capabilities to address the needs of your patients from adolescence and reproductive years through mature adulthood. Our expanded family of HD systems and the flagship iU22, as well as leading-edge support tools are compelling reasons to partner with Philips Ultrasound.

R4, LLC

Stand no: 124

6802 West Snowville Road, Brecksville, OH 44141, USA
 Tel: + 1 440 546 4272
 Fax: + 1 440 546 4282
 Email: ccaglione@r4inc.com
 Website: www.r4inc.com
 Contact: *Mike Mahoney*

R4 ACERT SUITE™ is a complete suite of interactive products, from an OB/GYN Electronic Medical Record (EMR) to an Outcomes Analysis module. This suite integrates a complete OB/GYN Medical Record through the OB/GYN or MFM office to the nursery/neonatal care center and beyond. R4 networking and integration expertise provides connectivity to enterprise solutions for all your OB/GYN data and images. We continue to lead the industry in ultrasound reporting technology and beyond.

Rush University

Stand no: 510

1725 W. Harrison, Chicago, Illinois 60612, USA
 Tel: + 1 312-942-RUSH (7874)
 Fax: + 1 312-563-2599
 Email: Contact_Rush@rush.edu
 Website: www.rush.edu
 Contact: *Jacques S. Abramowicz*

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Shenzhen Mindray Bio-Medical Electronics Co., Ltd.

Stand no: 416

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 Fax: + 86 755 2658 2500
 Email: amada.dong@mindray.com
 Website: www.mindray.com
 Contact: *Amada Dong*

As one of the largest companies of patient monitoring in the world, Mindray has been growing rapidly during the past decade and become a well-reputed multi-national company listed on the New York Stock Exchange. Their worldwide clients are sharing the good quality and reputation by using or selling their products.

SIEMENS

Siemens AG Medical Solutions

Stand no: 201

Henkestr. 127, Erlangen, D-91052, Germany
 Tel: + 49 9131/84-0
 Fax: + 49 9131/84-2924
 Email: medg.gms@siemens.com
 Website: www.Siemens.com/healthcare

Siemens Healthcare is one of the world's largest suppliers to the healthcare industry. The company is a renowned medical solutions provider with core competence and innovative strength in diagnostic and therapeutic technologies as well as in knowledge engineering, including information technology and system integration. With its laboratory diagnostics acquisitions, Siemens Healthcare will be the first fully integrated diagnostics company.

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Exhibitor profiles

SMFM / NTQR

Stand no: 130

409 12th St., SW, Washington, DC 20024, USA

Tel: +1 202 863 2476

Fax: +1 202 554 1132

Email: smfm@smfm.org

Website: www.smfm.org; www.ntqr.org

The Society for Maternal-Fetal Medicine is a not-for-profit organization of over 2,000 members that are dedicated to improving perinatal care. The SMFM endorses the Nuchal Translucency Quality Review Program which is a consensus national NT education and quality review program which is open to all providers of NT measurements, regardless of specialty and is open to both physician sonologists as well as non-physician sonographers.

Sonultra

Stand no: 213

6345 Balboa Blvd, Bldg III, Suite 360, Encino, CA 91316, USA

Tel: +1 310 557 1750

Fax: +1 310 861 9054

Email: dparker@sonultra.com

Website: www.sonultra.com

Contact: *Don Parker*

Sonultra streamlines your workflow while helping to manage your bottom line! For more than 20 years Sonultra Corporation has equipped 2000+ MFM, OB/GYN, and radiology specialists with productivity and research enhancing OB/GYN reporting and DICOM image management tools. Sonultra offers scaleable PC-based reporting and image management solutions that easily integrate with your existing PACS/HIS/RIS/EMR. Improve your productivity, quality assurance, billing, report distribution, paper management and data mining. Visit us on stand 213 for our latest solutions.

Sound Ergonomics

Stand no: 120

6830 NE Bothell Way #C-236, Kenmore, WA 98028, USA

Tel: +1 425 489 3839

Fax: +1 425 489 9030

Email: ctcoffin@soundergonomics.com

Website: www.soundergonomics.com

Contact: *Carolyn Coffin*

Sound Ergonomics, LLC, founded by sonographers, provides consulting services and ergonomic products for the prevention of occupational musculoskeletal disorders in allied health personnel. Services include educational programs, workshops, clinical site evaluations, and exam room and computer workstation set-up consultation. Products include support cushions, cable support arms & wrist supports, monitor mounts, keyboard trays, and ergonomic tables and seating.



Texas Children's® Fetal Center

Texas Children's Fetal Center

Stand no: 313

6621 Fannin Street, CCC650, Houston, TX 77030, USA

Tel: +1 877 FetalRx

Fax: +1 832 825 3141

Email: kymoize@texaschildrens.org

Website: www.fetal.texaschildrens.org

Contact: *Karen Moise*

Texas Children's Fetal Center is a national leader in the diagnosis and treatment of abnormalities in unborn and newborn infants and one of only four comprehensive centers in the United States, the only in the Southwest to provide the full spectrum of fetal therapies. Our physicians are recognized leaders in fetal medicine and fetal and neonatal surgery. At Texas Children's Fetal Center, our team is committed to the best possible outcome for each family.

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Toshiba America Medical Systems, Inc.

Stand no: 401

2441 Michelle Drive, Tustin, CA 92780, USA

Tel: +1 714-730-5000

Fax: +1 (0)79 - 368 9444

Email: dkemp@tams.com

Website: www.medical.toshiba.com

Contact: *Debbi Kemp*

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.

Ultrasonix Medical Corporation

Stand no: 118

130-4311 Viking Way, Richmond, BC V6V 2K9, Canada

Tel: +1 604 279 8550

Fax: +1 604 279 8559

Email: info@ultrasonix.com

Website: www.ultrasonix.com

Contact: *Danielle McCallum*

Ultrasonix Medical Corporation specializes in diagnostic ultrasound and is dedicated to providing its customers with superior ultrasound solutions and support for better patient care. Working in partnership with a growing global network, Ultrasonix is constantly expanding its leading edge technology available around the world.

Exhibitor profiles

ZONARE Medical Systems, Inc.

420 North Bernardo Avenue,
Mountain View,
CA 94043-1839, USA

Tel: + 49 650 230 2800

Fax: + 49 650 230 2828

Email: info@zonare.de

Website: www.zonare.com

Contact: *Lars Shaw, Vice President, Marketing*

Zone Sonography technology, ZONARE's unique patented approach to ultrasound imaging, is focused on bringing premium image quality and performance to clinical settings, leading to advanced diagnostic capabilities, greater portability, and cost-effective operation, upgrades and service. The z.one *ultra* Convertible Ultrasound System, incorporating Zone Sonography™ technology, converts, at the touch of a button, from a small and light full-featured cart into a premium compact ultrasound system, optimizing its versatility in a variety of clinical settings.

Stand no: 500



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With the ultimate goal of providing the best diagnostic images while improving workflow, Toshiba delivers innovative imaging solutions today just as we have for nearly a century. In ultrasound, we develop more efficient ways to scan and analyze that can streamline workflow, helping shorten time to review. For more information about our Toshiba Ultrasound systems, visit us at: medical.toshiba.com.

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medical.toshiba.com 

Social Program

Social functions

Please book tickets for any of the functions below at the registration desk.

Opening Ceremony

All delegates and accompanying persons are welcome to join the opening ceremony at 16:30 in the Grand Ballroom.

Who wants to be an Ultrasound Millionaire will be followed by a special presentation by Dr Skip Grana entitled 'Perceived for Birds'. The South Shore Drill Team will conclude the ceremony with their unique style of drills.

Welcome reception

Sponsored by

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This event is free to all fully registered delegates and registered accompanying persons.

18:45–21:30, Sunday 24 August 2008

Exhibition Hall, Navy Pier

Day delegates and additional tickets: \$50



Congress party

19:30, Tuesday 26 August 2008

Rooftop, Navy Pier

Cost per person: \$75

Dress: Smart casual

Delegates will be able to watch the sun go down over Lake Michigan with unlimited food and drink, and dance the night away. Early comers will enjoy a welcome drink courtesy of the hosts of our forthcoming International Scientific Meeting in Cancun, Mexico.

Please note you will not be allowed entry without your party ticket; please remember to bring it with you.

At the time of print, a few tickets remain available and will be allocated on a first come, first served basis. Please see the registration desk.

Accompanying person's program

The accompanying persons program includes:

- Welcome and city introduction by the Chicago Tourism Bureau: Sunday 24 August at 19:00, Rm 201, Navy Pier.
- City guidebook
- Chicago hop-on hop-off bus tour: enjoy a two hour, fully narrated tour that covers 13 magnificent miles of Chicago's downtown and the Loop.
- 3 day Go Chicago card: includes admission to over 25 of Chicago's best attractions, activities, and tours. Do as much as you like each day by tailoring your own itinerary.
- Congress Welcome Reception (Sunday 24 August)
- Admission to the Congress exhibition areas

We hope you enjoy discovering Chicago!

Cost per person: \$200



General information

Cash machines

Cash machines are located throughout Navy Pier.

Catering

Coffee and light lunches will be served in the exhibition area.

Certificates of attendance

Certificates of attendance will be available from the registration desk from Wednesday 27 August for all registered delegates who complete the questionnaire.

Congress contact details

Professional Conference Organiser

(Registration and social enquiries)

Congrex Sweden AB, Box 5078

SE-402 22, Göteborg

Sweden

Tel: +46 (0) 31 708 6000

Fax: +46 (0) 31 708 6025

Email: isuog2008@congrex.com

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(Scientific program, exhibition and sponsorship)

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Disclaimer

All best endeavours will be made to present the program as printed. However the 18th World Congress on Ultrasound in Obstetrics and Gynecology 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. The 18th World Congress on Ultrasound in Obstetrics and Gynecology 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.

First aid

Should you require assistance during the Congress hours, please call Venue Security on 312 595 5060 (or 5060 from a house phone) or contact the registration desk.

Future meetings

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

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 held at the Venue who will manage it from that point forward. Please contact the Venue as soon as possible after the event if you wish to claim lost property.

Name badges

Please wear your name badges at all times as an aid to identification. Name badge holders have been colour coded as follows:

Full delegates	Clear
Board	Red
Invited faculty	Blue
Exhibitors	Yellow
Accompanying persons	Green
Staff	Deep red

Day delegates

Saturday	Light blue
<i>(pre-Congress Courses at Intercontinental Hotel, Michigan Ave)</i>	
Sunday	Light green
<i>(pre-Congress Courses at Navy Pier)</i>	
Monday	Orange
Tuesday	Purple
Wednesday	Pink
Thursday	Clear

Official language

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

Smoking policy

Smoking is not permitted in any closed building in America. Smoking is permitted 15 feet away from the outside of the Navy Pier.

Telephones

Coin-operated telephones are located throughout the Navy Pier.

Tours and sightseeing

Please visit the Gray Line desk in the registration area to book any sightseeing tours.

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: Valencia room, InterContinental

Times:

Monday 25 August	19:00–20:00
Tuesday 26 August	06:30–07:30
Wednesday 27 August	19:00–20:00
Thursday 28 August	06:30–07:30

ISUOG business meetings

Date	Start	End time	Meeting time	Room
Sunday 24 August	15:30	16:00	Annual General Meeting (ALL DELEGATES)	Navy Pier Grand Ballroom
Sunday 24 August	18:45	19:15	Session Chairs' Briefing	Navy Pier Room 202
Monday 25 August	10:15	10:45	Scientific Committee	Navy Pier Room 328
Monday 25 August	10:45	11:15	Hamburg Local Organising Committee	Navy Pier Room 328
Monday 25 August	12:30	14:30	Meeting Planning Committee	Navy Pier Room 328
Monday 25 August	16:30	18:00	Education Committee	Navy Pier Room 328
Tuesday 26 August	9:00	10:30	3D Focus Group	Navy Pier Room 328
Tuesday 26 August	12:30	14:00	Editorial Board	Navy Pier Room 328
Tuesday 26 August	14:00	16:00	Editorial Board Workshop	Navy Pier Room 328
Tuesday 26 August	16:30	18:00	Perinatal Doppler Focus Group	Navy Pier Room 328
Wednesday 27 August	10:15	11:15	Web Editorial Board	Navy Pier Room 328
Wednesday 27 August	12:30	14:00	Scientific Committee	Navy Pier Room 328
Wednesday 27 August	12:30	13:30	Clinical Standards Committee	Navy Pier Room 322
Wednesday 27 August	13:30	14:30	Prenatal Screening Task Force	Navy Pier Room 322
Wednesday 27 August	15:00	16:00	Fetal MRI Focus Group	Navy Pier Room 328
Wednesday 27 August	16:30	18:00	Exhibitors' Closing Meeting	Navy Pier Room 328
Thursday 28 August	10:00	11:00	ISUOG Board (supplementary)	Navy Pier Room 328
Thursday 28 August	12:00	13:00	Safety Committee	Navy Pier Room 328



19th World Congress on Ultrasound in Obstetrics and Gynecology



13 - 17 September 2009, Hamburg, Germany



Critical dates

January 2009	Call for papers/registration opens
13 March 2009	Exhibition/sponsorship discount deadline
31 March 2009	Abstract submission and reduced rate registration deadline
13 July 2009	Early bird registration rate deadline
13 September 2009	Onsite registration opens

Full delegate fees include a one-year membership to ISUOG and subscription to *Ultrasound in Obstetrics & Gynecology*. Existing members also benefit from reduced Congress delegate fees.

www.isuog.org



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International Society of
Ultrasound in Obstetrics
and Gynecology
www.isuog.org

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18th World Congress on Ultrasound
in Obstetrics and Gynecology



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