



**17th World Congress  
on Ultrasound in  
Obstetrics and Gynecology**

**7-11 October 2007, Florence, Italy**

# Final Program

19 crediti ECM italiana  
EACCME credits applied for

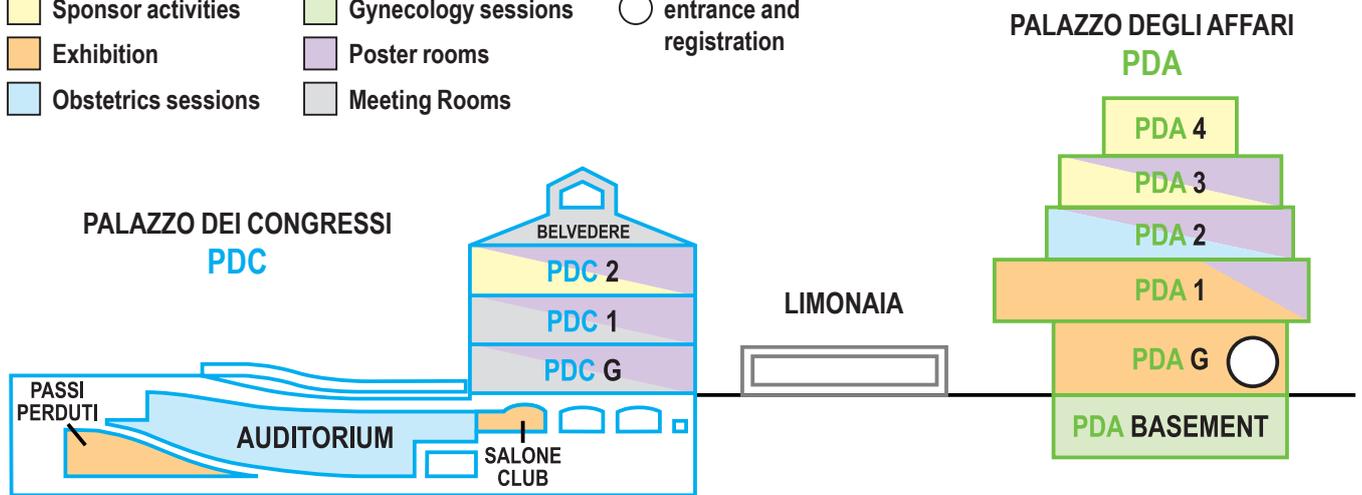


Organised by The  
International Society of  
Ultrasound in Obstetrics  
and Gynecology  
[www.isuog.org](http://www.isuog.org)

# Venue floor plans

**Key:**

- Sponsor activities
- Gynecology sessions
- entrance and registration
- Exhibition
- Poster rooms
- Obstetrics sessions
- Meeting Rooms



# Welcome message

Dear colleagues,

It is a pleasure and an honour for us to host for the first time ISUOG's World Congress in Italy, in one of its most enchanting and beautiful cities, Florence. We are proud to announce that in this edition, as in those of the past few years, we have broken all records in terms of abstract submissions and subscriptions: we have received over 1000 abstracts and are expecting more than 1700 delegates from all over the world. On behalf of ISUOG, we thank all of you for your trust and enthusiasm and we assure you that we will do our best to make your stay in Florence unforgettable.

There will be six pre-congress courses covering key aspects of our discipline, from fetal echocardiography and neurosonology to 3D, Doppler and gynaecologic ultrasound. The scientific program includes parallel sessions, debates and, based on the success of similar events in the past world congresses, some fun sessions such as role-plays and "Who wants to be an ultrasound millionaire". The main sessions incorporate the ever popular live scan demonstrations of normal ultrasound findings by leading world experts, including new 'tips and tricks' for particular investigations. One parallel stream will be translated into Italian and will form the basis for Italian CME participation. We will also try to make the social program as pleasurable for you as the scientific one, with possibilities to make unforgettable excursions to splendid Tuscany sites, leaving at the same time the opportunity to profit from an escape to some of the most important outlets from world renowned Italian fashion designers as Prada or Gucci. The Congress party will be held in a romantic and beautiful 17th century aristocratic Palazzo on the Arno banks where Italian gourmet delicacies will be served.

On behalf of our Scientific and Meeting Planning Committees, we are honoured to welcome you all here in Florence.

Enrico Ferrazzi, Dario Paladini, Gianluigi Pilu

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- K. Hecher, Germany

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- D. Paladini
- G. Pilu

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- K. Nicolaidis, UK
- A. Papageorgiou, 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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# Critical dates and times

## Registration opening hours

The registration area is at the entrance to the Congress building in Piazza Adua.

The opening times are:

Sunday 7 October 2007	07:30–20:00
Monday 8 October 2007	07:30–17:30
Tuesday 9 October 2007	08:00–17:30
Wednesday 10 October 2007	08:00–17:30
Thursday 11 October 2007	08:00–13:30

## Exhibition opening hours

The exhibition will be located in the **PDA** and the **PDC**:

Monday 8 October 2007	09:30–17:00
Tuesday 9 October 2007	09:30–17:00
Wednesday 10 October 2007	09:30–17:00
Thursday 11 October 2007	09:30–13:00 <b>PDC</b> 09:30–12:00 <b>PDA</b>

## Speakers' preparation room opening hours

Speakers **must** check in their presentation at the speakers' preparation room at least four hours prior to the commencement of the session in which they are to be presented (and ideally the day before) to ensure that their presentation is included.

The speakers' preparation room will be located in room 9 on the ground floor of the **PDC**, opening hours are as follows:

Sunday 7 October 2007	15:00–18:00
Monday 8 October 2007	08:00–17:30
Tuesday 9 October 2007	08:00–17:30
Wednesday 10 October 2007	08:00–17:30
Thursday 11 October 2007	08:00–13:00

## Identification badges

You will be given a name badge when you register which also contains all your essential tickets and access passes. Please make sure that you keep your badge safe and that you wear it at all times during the Congress. Due to the high number of delegates in attendance, we will have to turn anyone away from the session halls who is not wearing a valid badge. We ask you please to be understanding of this restriction as it is imposed for the safety and comfort of all attendees.

The organisers cannot guarantee that PowerPoint posters can be included if they were not received in advance. Presenters should attend the speaker preparation room to confirm their presentation is included.

## Scientific program hours

The scientific program sessions will take place in the **PDC** Auditorium, the **PDA** Basement and the **PDA** Second Floor. Please refer to the program for the exact location and timings of each session.

Sessions will take place during the following times:

Monday 8 October 2007	08:30–18:10
Tuesday 9 October 2007	08:30–18:00
Wednesday 10 October 2007	08:30–17:35
Thursday 11 October 2007	08:30–13:30

Poster sessions take place in the **PDC** (ground and first floor) and the **PDA** (first, second and third floors). Viewing is available from 09:00–17:00 Monday to Wednesday, and 09:00–13:30 on Thursday. Chaired poster discussions take place daily at 10:00.

## ISUOG meetings

### ISUOG Annual General Meeting (AGM)

All fully paid delegates are enrolled as ISUOG members and invited to attend the AGM.

Tuesday 9 October at 15:30  
**PDC** Auditorium

For details of scheduled ISUOG Committee meetings, please refer to page 79 of this brochure.

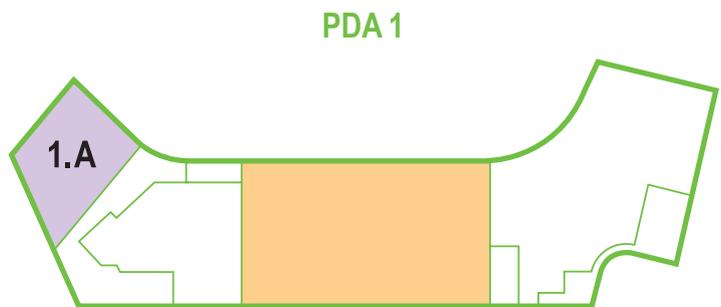
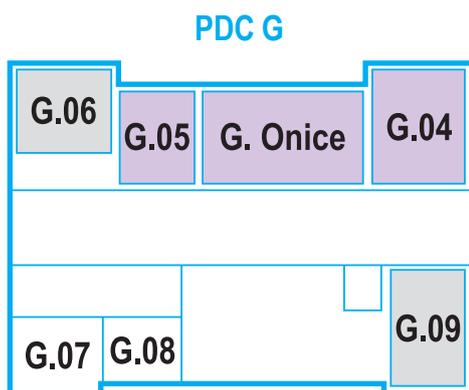
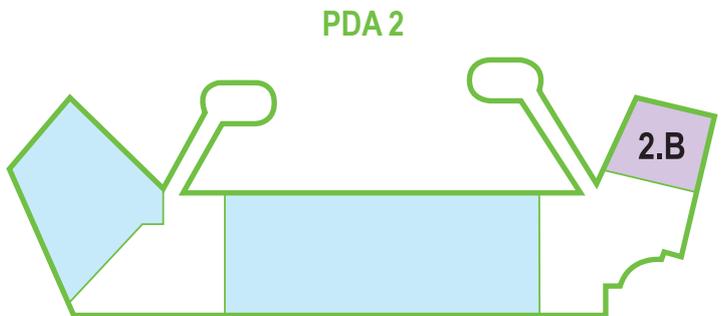
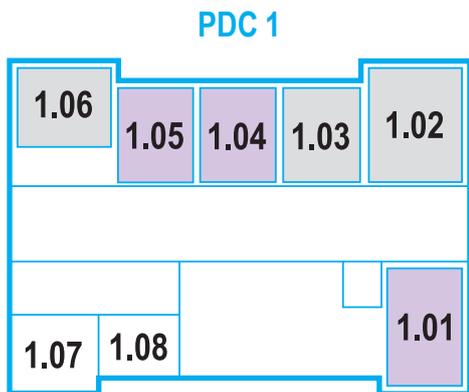
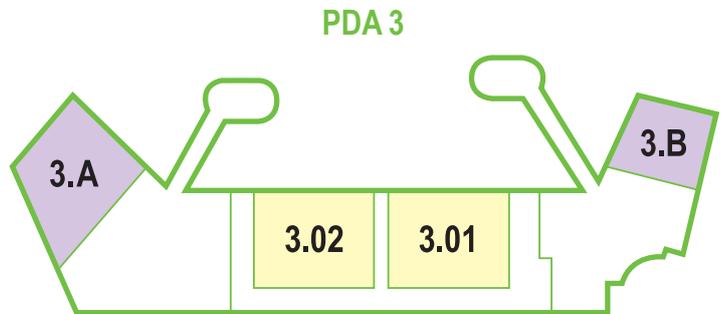
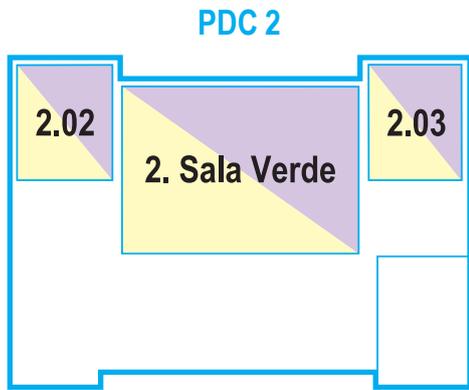
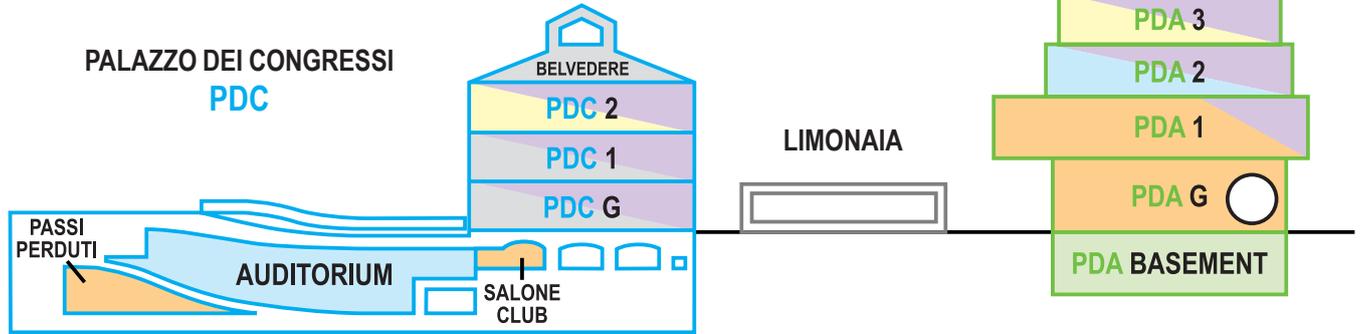
# Program orientation

- The **program at a glance** gives you an outline to each day's events including locations, titles and times, and refreshment breaks.
- The **program pages** give you the detailed chronological listing of events – please note that all sessions run in parallel so you will need to read through all sessions of similar time to decide which best suits your needs.
- Buildings (**PDC** and **PDA**) as well as days are colour coded to assist you in 'navigating' the program.
- Rooms in each building are listed by building, floor and room. For example, **PDC** G.01 (Palazzo dei Congressi, ground floor, room 1); **PDA** 1.01 (Palazzo degli Affari, first floor, room 1).
- In all poster and oral 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 of the sessions include 'live scan' time: 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 as 'OP' numbers and view only posters are referenced as 'P' numbers – you can use these both to locate the original abstracts and to find the relevant posters in the dedicated poster areas.
- There are allocated chaired poster discussion times for oral poster sessions (OP) at 10:00 daily.
- The exhibition opens at 09:30 each day in time for the morning coffee break. All refreshment breaks are located within the exhibition areas.
- 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 *Ultrasound in Obstetrics & Gynecology* Journal.

# Venue floor plans

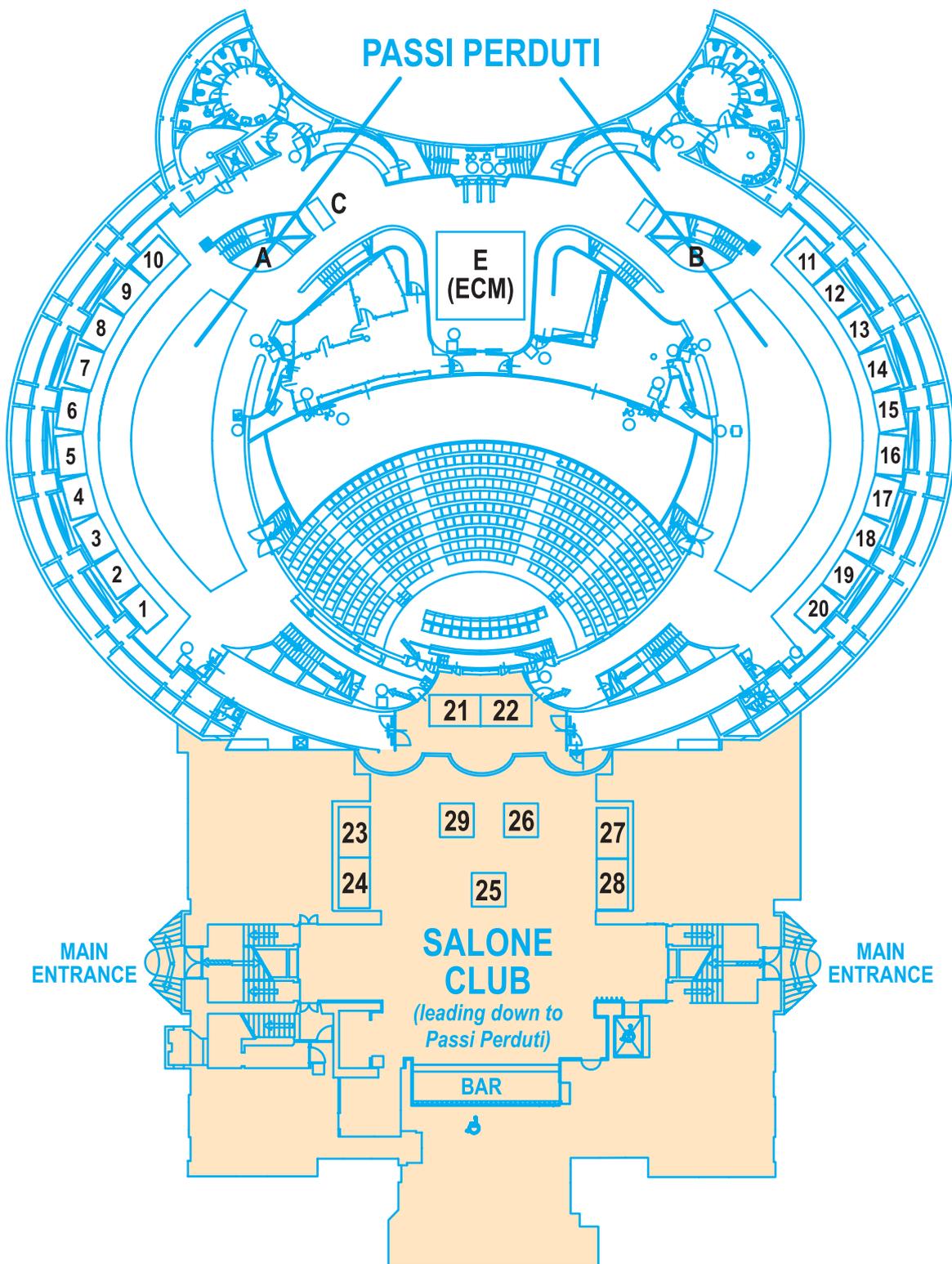
**Key:**

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# Exhibitor listing and floor plans

Lower levels Palazzo dei Congressi

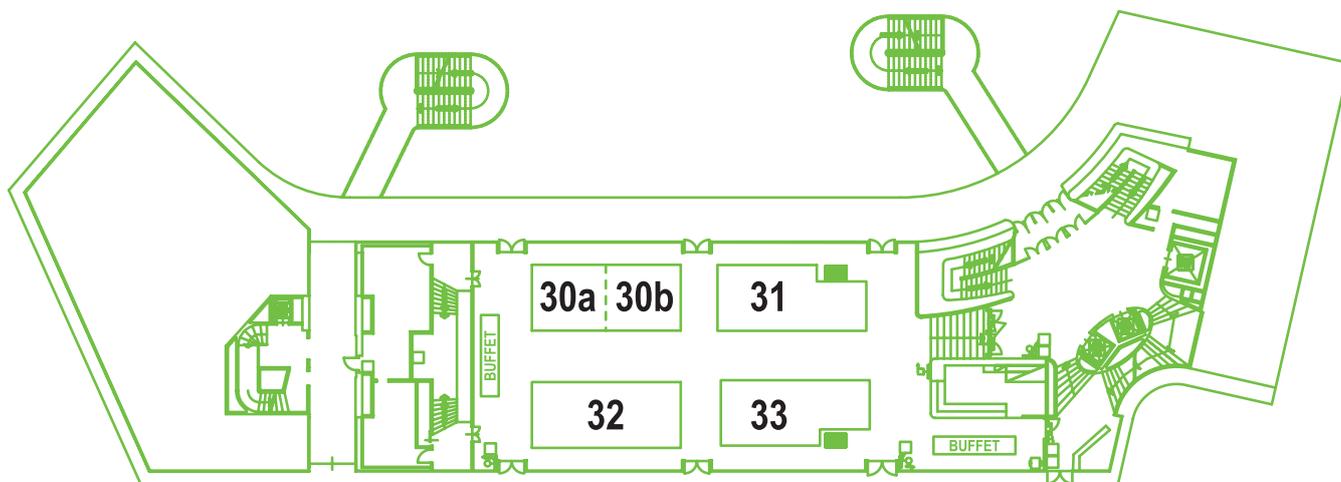


## Exhibitor listing: lettered stands

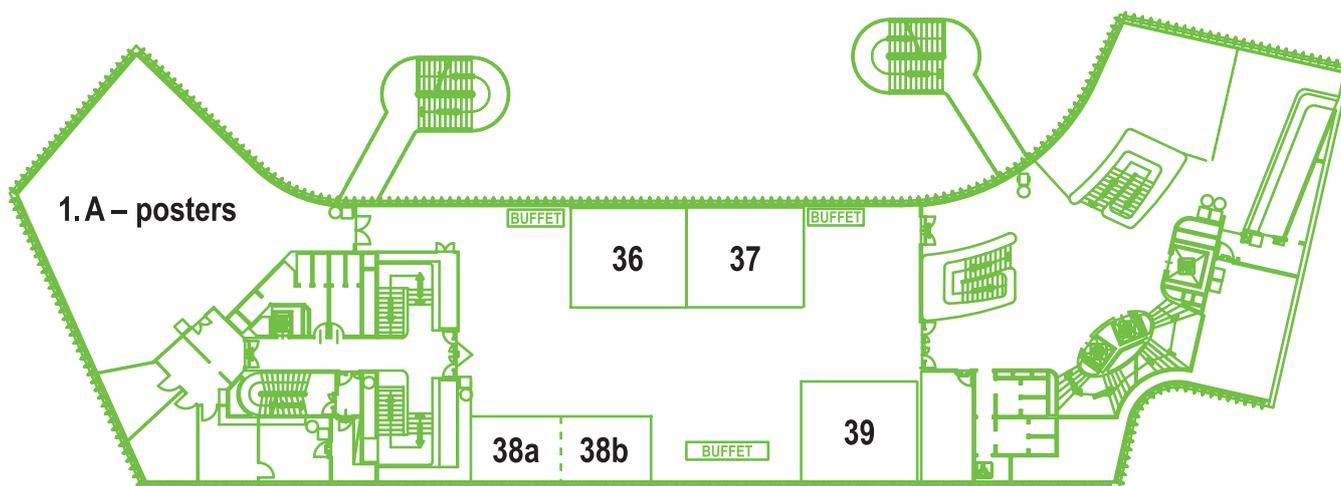
- A Congrex AB
- B International Vasa Previa Foundation Inc.
- C Future meetings desk
- E Italian ECM desk and translation receiver distribution

# Exhibitor listing and floor plans

Ground floor Palazzo degli Affari



First floor Palazzo degli Affari



## Exhibitor listing: numbered stands

Company	Stand no.		Company	Stand no.	
	PDA	PDC		PDA	PDC
Aloka Holding Europe AG	31	24	Karl Storz GmbH & Co.KG		17
Astraia Software GmbH		18	Medison Co. Ltd	36	25
Ashva Technologies		6	Mindray		1-3
Bi-Tech srl		8	PerkinElmer Life and Analytical Sciences		14
Brahms Aktiengesellschaft	30a	28	Philips Medical Systems	39	26
Cook Medical		9	Shantou Institute of Ultrasonic Instruments		13
ContextVision AB		19	Siemens AG Medical Systems	32	21
Emmeci Sistemi Informatici		15	Socrate Medical s.r.l.		4-5
Esaote S.p.A.	33	23	TOMA Advanced Biomedical Assays		7
Finderm Farmaceutici		16	Toshiba Medical Systems Europe BV	30b	27
GE Healthcare	Gardens	37	22	Ultrasonix Medical Corporation	11-12
Informa Healthcare		10	Wisepress Online Bookshop		29
ISUOG		38a	ZONARE Medical Systems, Inc. (USA) & ZONARE Medical Systems GmbH	38b	
Jaypee Brothers Medical Publishers (P) Ltd		20			

Please see detailed exhibitor profiles on pages 72 to 77 for more information about the companies listed.

# Program at a glance

## Sunday 7 October 2007

	PDA Basement	PDA 2nd floor	PDA 2.A	PDC G.Onice	PDC 2. Sala Verde	PDC 2.02	PDC Auditorium
09:00–17:00	Starts 09:15 Fetal echocardiography: from 2D examination to 3D/4D technology	Fetal neurosonology: from 2D examination to 3D/4D technology and MRI	Starts 09:30 The 11–14 weeks scan	3D ultrasound in gynecology – new opportunities for gynecological imaging	Application of Doppler ultrasound	Fitting 3D ultrasound into your practice	
17:30–21:30							Opening ceremony and welcome reception

## Monday 8 October 2007

	ORAL SESSIONS			POSTER VIEWING ALL DAY						Satellite education areas	Hospitality suites
	PDC Auditorium	PDA 2nd floor	PDA Basement	PDC			PDA			PDA 4	PDA 3.01
				Ground floor	1st floor	2nd floor	1st floor	2nd floor	3rd floor	MEDISON	SIEMENS
08:30											
09:00–10:00	Back to the future	Fetal growth anomalies I	Pelvic pain and endometriosis – joint SEGI session								
10:00	Chaired poster discussions – sponsored by Medison (10:00–10:45)										
10:30–11:00	COFFEE & POSTER VIEWING										
11:00–12:30	Live demonstration sponsored by Phillips	MRI in obstetrics	Complimentary imaging and deep endometriosis								
	The fetal anomaly scan at 20 weeks										
12:30–14:00	LUNCH & POSTER VIEWING										
	GE symposium (12:45–13:45)										
14:00–15:30	Live demonstration sponsored by Toshiba	Fetal growth anomalies II	Early pregnancy I: Miscarriage								
	Screening for: aneuploidy at 11–14 weeks I										
15:30–16:00	COFFEE & POSTER VIEWING										
16:00–17:30	Live demonstration sponsored by Medison	Symposium on safety of diagnostic ultrasound (in conjunction with WFUMB)	Early pregnancy 2: PUL and ectopic pregnancy								
	Diagnosis of fetal anomalies at 11–14 weeks										

## Tuesday 9 October 2007

	ORAL SESSIONS			POSTER VIEWING ALL DAY					Satellite education areas		Hospitality suites				
	PDC Auditorium	PDA 2nd floor	PDA Basement	PDC		PDA			PDC 2. Sala Verde	PDA 4	PDA 3.01	PDA 3.02			
				Ground floor	1st floor	1st floor	2nd floor	3rd floor	GE	MEDISON	SIEMENS	PHILIPS			
08:30–10:00	Live demonstration sponsored by Siemens	Screening for aneuploidy at 11–14 weeks II	TVS in assisted reproduction – joint ESHRE session												
	Fetal neurosonology I														
10:00	Chaired poster discussions – sponsored by Medison (10:00–10:45)														
10:30–11:00	COFFEE & POSTER VIEWING														
11:00–12:30	Live demonstration sponsored by ALOKA	Dealing with borderline findings	Interactive session: practical aspects of ultrasound in gynecology, video and case examples												
	Early fetal echocardiography														
12:30–14:00	LUNCH & POSTER VIEWING														
	Siemens symposium (12:45–13:45)														
14:00–15:30	Live demonstration sponsored by Philips	Twins	Scanning asymptomatic women												
	Fetal echocardiography: CHD and extracardiac anomalies														
15:30–16:00	ISUOG AGM														
16:00–16:30	COFFEE & POSTER VIEWING														
16:30–18:00	Live demonstration sponsored by Toshiba	Diagnostic invasive procedures	The menopausal endometrium												
	The 16 weeks scan														
19:30	Congress Party – Palazzo Borghese. Sponsored by Medison														

# Program at a glance

Wednesday 10 October 2007

	ORAL SESSIONS			POSTER VIEWING ALL DAY					Satellite education areas		Hospitality suites	
	PDC Auditorium	PDA 2nd floor	PDA Basement	PDC		PDA			PDC 2. Sala Verde	PDA 3.02	PDA 3.01	PDA 4
				Ground floor	1st floor	1st floor	2nd floor	3rd floor				
08:30-10:00	Live demonstration sponsored by GE Fetal echocardiography: CHD	Ultrasound and preterm labour	Abnormal uterine bleeding and imaging						GE	PHILIPS	SIEMENS	MEDISON
10:00	Chaired poster discussions – sponsored by Medison (10:00-10:45)											
10:30-11:00	COFFEE & POSTER VIEWING											
11:00-12:30	Fetal echocardiography: 4D and function	Fetal neurosonology II	Lessons from the IOTA trial									
12:30-14:00	LUNCH & POSTER VIEWING											
	Medison symposium (12:45-13:45)											
14:00-15:30	Live demonstration sponsored by Medison The fetal face and 3D/4D ultrasound	Ultrasound in the labour ward	Ovarian masses									
15:30-16:00	COFFEE & POSTER VIEWING											
16:00-17:30	Live demonstration sponsored by Siemens Fetal and placental circulation	Invasive procedures	Imaging and the oncology patient									

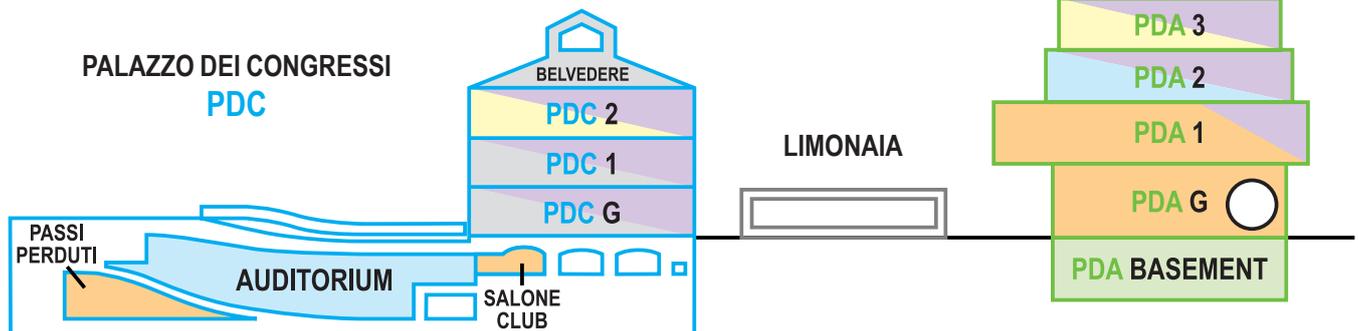
Thursday 11 October 2007

	ORAL SESSIONS			POSTER VIEWING UNTIL 13:30		
	PDC Auditorium	PDA 2nd floor	PDA Basement	PDC		
				Ground floor	1st floor	2nd floor
08:30-10:00	Live demonstration sponsored by GE Skeletal anomalies from 2D to 3D	Fetal and placental circulation II	Urogynecology			
10:00	Chaired poster discussions – sponsored by Medison (10:00-10:45)					
10:30-11:00	COFFEE & POSTER VIEWING					
11:00-13:30	Live demonstration sponsored by Toshiba Fetal airways and chest	Obstetric ultrasound	Interactive case examples focusing on new techniques			
				CLOSING CEREMONY (BEER AND PIZZA)		

## Venue floor plan

Key:

- Sponsor activities
- Gynecology sessions
- entrance and registration
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# 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 8 October	OP	OP01: Maternal Doppler	10:00–10:45	PDC G.Onice
	OP	OP02: Fetal therapy I		PDA 3.B
	OP	OP03: MRI		PDA 2.B
	OP	OP04 & OP05: Early pregnancy		Presentation: PDA Basement Viewing: PDC 1.01
	OP	OP06: CHD diagnosis and outcome		PDA 3.A
	OP	OP07: First trimester ultrasound examination		PDC 2. Sala Verde
	OP	OP21: Fetal anomaly scan		PDC 2.02
	OP	OP22: Ultrasound in Labour		PDA 1.A
	P	P26: Fetal abdomen	10:00–10:45	PDC G.04
	P	P27: Abnormalities of the placenta and umbilical cord		PDC G.05
	P	P28 & P29: Early pregnancy		PDC 1.01
	P	P30: MRI		PDA 2.B
	P	P31: First trimester screening for Down syndrome		PDC 1.04
	P	P32: Fetal echocardiography and CHD I		PDA 3.A
	P	P49: Ultrasound in Labour		PDA 1.A
	P	P50: First trimester screening for syndromes and malformations		PDC 2.03
	Tuesday 9 October	OP		OP08: Fetal biometry
OP		OP09: The second trimester malformation scan and anomalies of the face and abdomen	PDA 3.B	
OP		OP10: Twins I	PDA 2.B	
OP		OP11: Fertility, pelvic pain and endometriosis	Presentation: PDA Basement Viewing: PDC 1.01	
OP		OP12: Fetal heart and 4D	PDA 3.A	
OP		OP13: Fetal Neurosonography	PDC G.Onice	
P		P33: Fetal skeleton	10:00–10:45	PDC G.04
P		P34: Biometry, umbilical cord and placenta		PDA 1.A
P		P35: Fertility, pelvic pain and endometriosis		PDC 1.01
P		P36: Twins		PDA 2.B
P		P37: Fetal neurosonography I		PDC G.05
P		P38: Fetal neurosonography II		PDC 1.04
P		P39: Fetal echocardiography and CHD II		PDA 3.A
Wednesday 10 October	OP	OP14: Uterine artery Doppler	10:00–10:45	PDC G.Onice
	OP	OP15: Twins II		PDA 2.B
	OP	OP16: Ovarian masses		PDC 1.04
	OP	OP17: Endometrium and abnormal bleeding		Presentation: PDA Basement Viewing: PDC 1.01
	OP	OP18: Fetal cardiac function		PDA 3.A
	OP	OP19: Preterm delivery		PDA 1.A
	P	P40: Fetal face and thorax	10:00–10:45	PDC G.04
	P	P41: Uterine artery Doppler		PDC G.05
	P	P42: Endometrium and abnormal bleeding		PDC 1.01
	P	P43: Ovarian masses		PDC 1.05
	P	P44: Chromosomal abnormalities and syndromes		PDA 1.A
	P	P45: Fetal echocardiography and CHD III		PDA 3.A
Thursday 11 October	OP	OP20: Fetal Doppler	10:00–10:45	PDC G.Onice
	OP	OP23: Urogynecology		Presentation: PDA Basement Viewing: PDC 1.01
	OP	OP24: Fetal therapy II		PDC 2.02
	OP	OP25: First trimester screening for Down syndrome and abnormal pregnancy outcome		PDC 2. Sala Verde
	P	P46: Fetal Circulation	10:00–10:45	PDC G.04
	P	P47: Prenatal diagnosis and fetal sex determination		PDC G.05
	P	P48: Urogynecology		PDC 1.01
	P	P51: Fetal Therapy		PDC 2.03

# Invited speaker declarations

The following declarations and affiliations have been notified:

J. Abramowicz	Consultant for Philips Medical Systems. No financial relations.
B. Benoit	Using supplied scanning system from GE.
J. Copel	Equipment loans provided to Yale University from GE and Philips.
J. Deprest	Uses donated equipment from Karl Storz and GE for research purposes.
T. D'Hooghe	Current/past advisor or Consultant to MerckSerono, Ferring, Organon, Ipsen, Valeo Medical and Pronata.
H. Dietz	Equipment loans from GE Medical and B+K Ultrasound.
S. Goldstein	Serves on the Gynecology Advisory Boards of Eli Lilly, GlaxoSmithKline, Merck, Novo Nordisk and Pfizer. Consultant for Cook Ob/Gyn and Philips Ultrasound. Director of SonoSite, Inc.
A. Kratochwill	Cooperation with GE, organising courses for theoretical and practical application of 3D/4D Sonography in Vienna known as VISUS courses.
W. Lee	Consultant for GE Healthcare, Philips Medical Systems and Siemens Medical Solutions, all with limited research support.
C. Lees	Uses Siemens and GE loan machines for teaching purposes.
T. Nelson	Equipment loan from Philips Medical Systems.
W. Sepulveda	Recipient of a Grant Agreement with Medison Co. for educational and training purposes. Includes equipment loan from Medison and sponsorship for participation in international congresses and courses.
P. Setti	Serves on the Serono International SA Advisory Board.
B. Tutschek	Equipment loan from GE Medical Systems for a scientific project unrelated to and not presented at this Congress.
P. Volpe	Has been an invited speaker of GE and Aloka.

## CME

19 Italian CME credits have been assigned for the Congress.

In order to obtain the credits, please report to the CME (ECM) desk in the Passi Perduti. You will be given three documents to complete and return at the end of the Congress:

1. A self declaration of being present at whole event (with the exception of pre-Congress courses)
2. An evaluation form relating to the scientific quality of the event
3. A list of scientific questions

## UEMS

Accreditation by the European Accreditation Council for Continuing Medical Education (EACCME) was in process at the time of print. Please contact the registration desk on-site for updated information.

EACCME credits are recognised across Europe and North America and can be exchanged for their national equivalent by contacting your National CME authority.

EACCME credits are recognised by the American Medical Association (AMA) towards the Physician's Recognition Award (PRA).

## List of invited faculty

J. Abramowicz, USA	I. Cetin, Italy	L. Guibaud, France	K. Nicolaidis, UK	A. Steensma, Netherlands
A. Abuhamad, USA	R. Chaoui, Germany	M. Hansmann, Germany	J. Nizard, France	M. Stratmeyer, USA
G. Acharya, Norway	C. Chapron, France	K. Hecher, Germany	D. Nyberg, USA	A. Tabor, Denmark
J. Alcázar, Spain	M. Coccia, Italy	J. Hobbins, USA	D. Paladini, Italy	F. Taddei, Italy
Z. Alfircic, UK	G. Condous, Australia	I. Jacobs, UK	A. Papageorghiou, UK	A. Testa, Italy
D. Arduini, Italy	J. Copel, USA	P. Jeanty, USA	L. Pasquini, Italy	B. Thilaganathan, UK
S. Barnett, Australia	A. Czekierdowski, Czech Republic	D. Jurkovic, UK	G. Pennati, Italy	I. Timor-Tritsch, USA
A. Baschat, USA	T. D'Hooghe, Belgium	E. Kirk, UK	F. Petraglia, Italy	D. Timmerman, Belgium
C. Battaglia, Italy	V. D'Addario, Italy	T. Kiserud, Norway	G. Pilu, Italy	C. Tomassetti, Belgium
M. Bellotti, Italy	J. Deprest, Belgium	A. Kratochwil, Austria	L. Platt, USA	T. Todros, Italy
B. Benacerraf, USA	G. DeVore, USA	W. Lee, USA	F. Prefumo, Italy	A. Toi, Canada
B. Benoit, France	H. Dietz, Australia	C. Lees, UK	N. Raine-Fenning, UK	B. Trudinger, Australia
T. Bignardi, Italy	S. Eik-Nes, Norway	F. Leone, Italy	S. Rigano, Italy	B. Tutschek, Germany
C. Bilardo, Netherlands	E. Epstein, Sweden	D. Levine, USA	A. Righini, Italy	F. Ubaldi, Italy
H. Blaas, Norway	J. Espinoza, USA	G. Malinger, Israel	G. Rizzo, Italy	H. Valensise, Italy
C. Bottomley, UK	C. Exacoustos, Italy	F. Malone, Republic of Ireland	N. Rizzo, Italy	L. Valentin, Sweden
T. Bourne, UK	E. Ferrazzi, Italy	I. Manyonda, UK	R. Romero, USA	T. Van den Bosch, Belgium
F. Branconi, Italy	M. Fontanarosa, Italy	G. Mari, USA	L. Savelli, Italy	Y. Ville, France
C. Brezinka, Austria	T. Frusca, Italy	K. Marsál, Sweden	G. Scarselli, Italy	P. Volpe, Italy
P. Calda, Czech Republic	A. Gagnon, Canada	P. Martinelli, Italy	P. Scollo, Italy	K. Wojdermann, Denmark
S. Campbell, UK	T. Ghi, Italy	G. Monni, Italy	W. Sepulveda, Chile	S. Yagel, Israel
J. Carvalho, UK	S. Goldstein, USA	T. Nelson, USA	P. Setti, Italy	E. Zupi, Italy
G. Cerri, Brazil	E. Gratacós, Spain	A. Ngu, Australia	F. Severi, Italy	

The attendance of Professor S. Eik-Nes and Dr. E. Gratacós at this World Congress has been generously supported by **SIEMENS**

# 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.

## Speakers and poster presenters

It is increasingly difficult to prevent individuals from recording sessions to listen to again once they are offsite. 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.**

## Chairpersons and speakers: 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 review 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. There will be a count down displayed on screen. 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.**

## Applicable to chairpersons only

- There will be a chairpersons' briefing session on Monday 8 October at 08:00 in the PDC auditorium. Please ensure you attend.
- 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, as far as possible, 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 you wish to manage questions to ensure the best use of time.
- Please note that delegates will not be permitted to stand at the back of the hall due to fire regulations.

## Applicable to speakers 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 posters: general notes

- 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.
- On the day of presentation, posters will be presented on a continuous rolling loop within the relevant themed poster session area.
- Presentations will be destroyed at the end of the Congress and will not be kept, used again, recorded or otherwise reproduced.

## Applicable to oral poster presenters (chaired discussion sessions) only

- You will have been previously informed of the day of your poster presentation in your abstract acceptance letter. Please refer to the schedule below for the display times (please note that poster discussion sessions are sometimes displayed for viewing in an alternate location). Presenters should arrive at the relevant poster room at least 10 minutes prior to the listed start time for the discussion group.

Day	Poster display times	Oral Poster discussion times
Monday 8 October 2007		
Tuesday 9 October 2007	09:00–17:00	10:00–10:45
Wednesday 10 October 2007		
Thursday 11 October 2007	09:00–13:30	10:00–10:45

# Program – Sunday 7 October 2007

## Pre-Congress courses

### Course 1 Fetal echocardiography: from 2D examination to 3D/4D technology PDA Basement

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

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#### Course objectives:

At the end of the course the participants are expected to be able to:

1. Recognize the basic settings needed to correctly assess the fetal heart, both in a screening and in a diagnostic setting;
2. Know the content of the document on the guidelines for fetal cardiac screening proposed by the ISUOG Fetal Echocardiography Task Force;
3. Know how to perform a comprehensive screening of congenital heart disease and be aware of the different methods proposed in the literature with advantages and disadvantages;
4. Recognize the echocardiographic features of major congenital heart diseases;
5. Recognize the diagnostic role of Color Doppler in the detection of congenital heart disease;
6. Recognize the differential aneuploidy risk associated with major congenital heart diseases in the fetus;
7. Have a basic knowledge of the outcomes of the different congenital heart disease;
8. Recognize the possible role of 4D-echocardiography in the diagnosis of congenital heart disease in the fetus;



09:15	Registration
09:25	Introduction <i>R. Chaoui (Germany)</i>
09:30	ISUOG Basic Cardiac Screening Guidelines <i>W. Lee (USA)</i>
09:50	Indication to fetal echo <i>B. Tutschek (Germany)</i>
10:10	How to adjust the real-Time image and the color Doppler presetting for a proper cardiac scan <i>R. Chaoui (Germany)</i>
10:30	Fetal arrhythmias <i>J. Coppel (USA)</i>

#### 10:50 Coffee

11:20	The planes in fetal echo and their accuracy <i>S. Yagel (Israel)</i>
11:40	Color and Pulsed Wave Doppler echocardiography <i>A. Abuhamad (USA)</i>
12:00	Malformations detected in the 4CV <i>R. Chaoui (Germany)</i>
12:30	Discussion

#### 13:00–14:00 Lunch

14:00	Malformations detected in the outflow tract views <i>D. Paladini (Italy)</i>
14:30	Early fetal echocardiography – technique and indications <i>R. Chaoui (Germany)</i>
14:50	The perinatal management of ductus-dependent CHD <i>D. Paladini (Italy)</i>
15:10	“Whazzthat?” case presentation and self assessment quizzes <i>R. Chaoui (Germany); D. Paladini (Italy)</i>
16:40	Final discussion and conclusion of the course
17:00	Close

### Course 2 Fetal neurosonology: from 2D examination to 3D/4D technology and magnetic resonance imaging PDA 2nd floor

Course directors: *G. Malinge (Israel); I. Timor-Tritsch (USA)*

PHILIPS

#### Course objectives:

At the end of the course, the participants are expected to:

1. Know the different approaches and basic planes used in the evaluation of the fetal brain.
2. Be able to recognize the brain structures depicted during the basic and during the detailed neurosonographic examinations.
3. Recognize the rapid changes occurring in the fetal brain during the 1st trimester of pregnancy
4. Know how to perform a detailed neurosonographic examination for the diagnosis of CNS anomalies.
5. Understand the role of 3D ultrasound and fetal brain MRI in the diagnosis of CNS anomalies.
6. Recognize the ultrasonographic features of congenital and acquired brain diseases.
7. Have a basic knowledge of the outcomes of the different CNS malformations and insults.
8. Be able to use a simple pattern recognition method as the first step in the diagnostic process of CNS anomalies.
9. Be aware of potential pitfalls in the diagnosis of fetal brain disorders.

09:00	Sonoembryology and early diagnosis of anomalies <i>H. Blaas (Norway)</i>
09:30	The normal fetal brain. 2DUS, 3DUS, MRI. <i>I. Timor-Tritsch (USA)</i>
10:15	Mild Ventriculomegaly <i>I. Timor-Tritsch (USA)</i>

#### 10:45–11:15 Coffee

11:15	Comissural anomalies <i>G. Malinge (Israel)</i>
11:45	Proliferation and migration disorders <i>A. Toi (Canada)</i>

#### 12:30–13:30 Lunch

13:30	Prenatal insults affecting the brain <i>G. Pilu (Italy)</i>
14:30	Cerebellar anomalies <i>G. Malinge (Israel)</i>

# Program – Sunday 7 October 2007

15:30–16:00

Coffee

16:00 Pattern recognition and causes of pitfalls in the diagnosis of CNS anomalies – interactive session *G. Malingier (Israel)*  
17:00 Close

Course 3

The 11–14 weeks scan

PDA 2.A

Course director: *K. Nicolaides (UK)*

The course will be recognised for the theoretical component of the FMF certificate of competence in the 11–14 week scan. The course will include a series of interactive lectures and practical demonstration.

**Program topics:**

- 1 Screening for Trisomy 21
- 2 Screening for other chromosomal abnormalities
- 3 Screening and early diagnosis of cardiac abnormalities
- 4 Screening and early diagnosis of other fetal abnormalities
- 5 Screening for pre-eclampsia
- 6 Diagnosis and management of twin pregnancies
- 7 Screening for fetal growth restriction

09:30 Course commences

13:00–14:00 Lunch

17:00 Close

**Invited speakers (Italy):**

*C. Sachini*

*A. Gazzoni*

*P. Cavoretto*

*S. Cicero*

*G. Rembruscos*

*F. Molina*



Course 4

3D ultrasound in gynecology – new opportunities for gynecological imaging

PDC G.Onice

Course Directors: *T. Bourne (UK); F. Leone (Italy); P. Scollo (Italy); D. Timmerman (Belgium)*

**Course aim:**

To analyze the role of 3D-ultrasound in the management of common gynecological conditions seen in practice. Emphasis will be on short presentations of appropriate analysis of acquired volumes. Off-line re-analysis will encourage the course's attendants to gain confidence with acquired volumes of different gynecological conditions.

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09:00 Welcome and introduction *T. Bourne (UK); P. Scollo (Italy)*

09:05 Ultrasound equipment and volume acquisition *Speaker TBC*

09:20 Volume analysis (Multiplanar display, rendering, VOCAL, TUI, VCI, inversion mode) *J. Levillant (France)*

09:40 The practical application of 3D in gynaecology *B. Benacerraf (USA)*

10:00 3D stored cases analysis

10:30–11:00

Coffee

11:00 Adenomyosis & Endometrial Hyperplasia *F. Leone (Italy)*

11:20 Submucous myoma *T. Bignardi (Italy)*

11:40 Urogynecology *H. Dietz (Australia)*

12:00 3D stored cases analysis

12:45–13:30

Lunch

13:30 Ovarian masses *L. Valentin (Sweden)*

14:00 Uterine neoplasms *J. Alcazar (Spain)*

14:20 3D stored cases analysis

15:05 Discussion

15:15–15:30

Tea

15:30 Infertility *N. Raine-Fenning (UK)*

15:50 Uterine malformation, *D. Jurkovic (UK)*

16:10 Tubal patency *C. Exacoustos (Italy)*

16:30 3D stored cases analysis

17:00 Close

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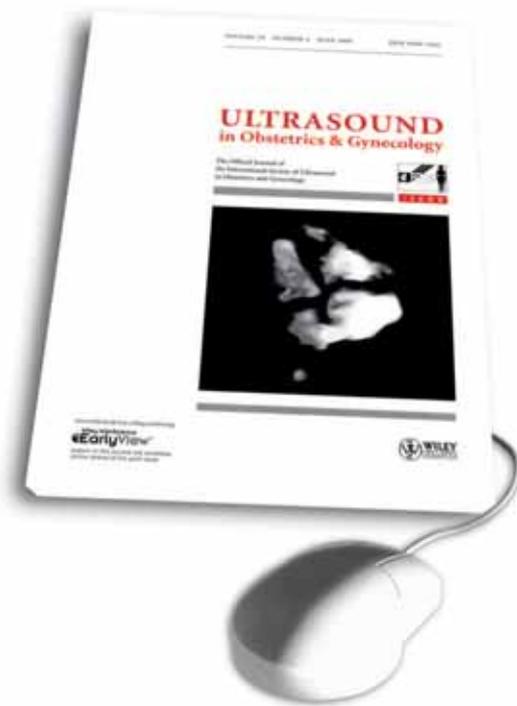
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- ◆ **Gynecology:** oncology; infertility; menopause; urogynecology
- ◆ **Breast Imaging**



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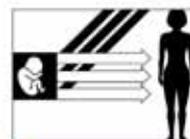
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# Program – Sunday 7 October 2007

## Course 5 Application of Doppler ultrasound PDC 2.Sala Verde

09:00	<p><b>Evaluation of fetal hemodynamics: challenges and frontiers</b>  <i>Course Directors: E. Ferrazzi (Italy); R. Romero (USA)</i></p> <p>The Evolution of Volume Flow Estimation in Maternal-Fetal Medicine  <i>Chair: Enrico Ferrazzi</i></p> <p>Why blood flow quantitation? <i>K. Maršál (Sweden)</i></p> <p>Validation of umbilical vein blood flow: a systematic comparison of Doppler-derived estimations vs. invasive assessment in animals – live demo <i>E. Ferrazzi (Italy)</i></p> <p>Mathematical modelling of the uteroplacental and fetal circulations and implications for clinical practice <i>G. Pennati, Italy</i></p> <p>Uterine artery volume flow estimation in the human <i>S. Rigano (Italy)</i></p> <p>Umbilical vein flow volume measurements in the human fetus <i>G. Acharya (Norway)</i></p> <p>Volume flow in the ductus venosus <i>M. Bellotti (Italy)</i></p> <p>Blood flow estimation in the fetal circulation <i>T. Kiserud (Norway)</i></p> <p>Vasodilatation of the middle cerebral artery and other vascular territories in the fetal brain <i>E. Gratacós (Spain)</i></p> <p>Panel Discussion Moderator: <i>E. Ferrazzi (Italy)</i></p>	  
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### 12:00–13:00 Lunch

13:00	<p><b>Biological Correlates of Changes in Doppler Waveform Analysis and Blood Flow</b>  <i>Chair: R. Romero (USA)</i></p> <p>Angiogenesis and anti-angiogenesis in pre-eclampsia and intrauterine growth restriction <i>R. Romero USA</i></p> <p>Metabolic consequences of changes in utero-placental blood flow <i>A. Marconi (Italy)</i></p> <p>Placental vascular disease (defined by Doppler) and endothelial pathology <i>B. Trudinger (Australia)</i></p> <p>The innate immune response during placentation and its importance in the establishment of an adequate utero-placental circulation  <i>L. Cetin (Italy)</i></p> <p>Uterine artery Doppler and the state of trophoblast invasion <i>A. Papageorghiou (UK)</i></p> <p>Panel Discussion Moderator: <i>R. Romero (USA)</i></p>
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### 15:00 Tea

15:30	<p><b>State of the Art Evaluation of the IUGR Fetus with Doppler and Other Techniques</b></p> <p>The expert Doppler assessment of the IUGR fetus: live demo <i>G. Mari (USA)</i></p> <p>What have we learned from observational studies? <i>A. Baschat (USA)</i></p> <p>A prospective randomized clinical trial comparing Doppler vs. cardiotochography: The TRUFFLE network. The practical rationale – live demonstration <i>T. Frusca Brescia (Italy)</i></p> <p>The TRUFFLE network: preliminary results. <i>C. Lees (UK)</i></p> <p>Panel Discussion Moderator: <i>Speaker TBC</i></p>
17:00	Close

## Course 6 Fitting 3D ultrasound into your practice PDC 2.02

<b>You bought it – now what do you do with it!</b>	
<i>Course Directors: T. Nelson (USA); J. Abramowicz (USA); H. Blaas (Norway)</i>	
<b>Basic Techniques</b>	
Explain the basic strategy behind use of 3DUS equipment. How to setup and use 3D-ultrasound machine features; basic techniques, rendering modes (surface, transparency, volume measurements etc)	
09:00	Acquisition <i>T. Nelson (USA)</i>
09:10	Display <i>T. Nelson (USA)</i>
09:20	Storage <i>T. Nelson (USA)</i>
09:25	Safety <i>J. Abramowicz (USA)</i>
09:35	Artifacts <i>J. Abramowicz (USA)</i>
09:45	Measurements <i>H. Blaas (Norway)</i>
<b>Clinical Scanning Equipment – Vendor Demonstrations</b>	
Discussion of how a clinical user would use one of features to improve clinical utility of 3DUS studies	
10:00	General Electric – how to perform VOCAL measurements <i>P. Falkensammer (Austria)</i>
10:15	Medison – how to perform thick-slicing imaging
10:30	Philips – how to implement scanning Protocols
10:45	Siemens – how to perform multi-slice volume review

### 11:00 Coffee

<b>Clinical Applications – Obstetrics</b>	
11:30	Literature review of Validated Clinical Applications <i>H. Blaas (Norway)</i>
11:50	Description of normal anatomy <i>E. Merz (Germany)</i>
12:10	Common clinical anomalies – where 3DUS makes a contribution <i>B. Benoit (France)</i>

### 12:30 Lunch

# Program – Sunday 7 October 2007

## Case review of commonly encountered anomalies – demonstrate acquisition and analysis protocol for commonly found anomaly

- 13:30 Head, Face, lips and palate S. Campbell (UK)  
 13:45 CNS I. Timor-Tritsch (USA)  
 14:00 Body, Heart, Lungs G. DeVore (USA)  
 14:15 Extremities, Placenta B. Benacerraf (USA)

## Clinical Applications – Gynecology

- 14:30 Literature Review of Validated Clinical Applications H. Blaas (Norway)  
 14:45 Description of normal anatomy B. Benacerraf (USA)  
 15:05 Common clinical anomalies – where 3DUS makes a contribution G. Pilu (Italy)  
 15:25 Pelvic Floor – the new frontier H. Dietz (Australia)

15:45

## Coffee

## Case review of commonly encountered anomalies – demonstrate acquisition and analysis protocol for commonly found anomaly

- 16:15 Uterus M. Pretorius (USA)  
 16:30 Ovaries I. Timor-Tritsch (USA)  
 16:45 Pelvic Floor S. Yagel (Israel)  
 17:00 Close

## Opening ceremony and welcome reception

17:30

### Opening ceremony

PDC Auditorium

ISUOG movie  
 Welcome  
K. Hecher (Germany), ISUOG President  
E. Ferrazzi, D. Paladini, G. Pilu (Italy), Congress Co-Chairmen  
 Presentation of the Ian Donald Medals  
R. Romero (USA); S. Eik-Nes (Norway)  
 The touch and the eye  
G. Pilu (Italy)

18:15

### Who wants to be an ultrasound millionaire?

Chairs: A. Baschat (USA); L. Platt (USA)  
 Professors: I. Timor-Tritsch (USA); B. Benacerraf (USA); S. Campbell (UK); S. Goldstein (USA); J. Hobbins (USA);  
P. Jeanty (USA)  
 Challengers: A. Papageorghiou (UK); G. Condous (Australia); J. Nizard (France); L. Pasquini (UK); F. Prefumo (Italy);  
K. Wojdemann (Denmark)

19:15–21.30

### Drinks reception

Gardens



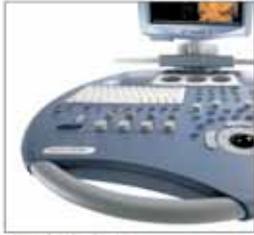
# Program – Monday 8 October 2007

<b>09:00–17:00</b>		<b>Medison satellite education area<sup>^</sup></b>	<b>PDA 4</b>
Detailed program page 70			
<b>09:00–10:00</b>		<b>Back to the future</b>	<b>PDC Auditorium</b>
Chair: L. Platt (USA)			
09:00	Discussants: S. Campbell (UK); J. Hobbins (USA); M. Hansmann (Germany); A. Kratochwil (Austria)		
09:45	Ultrasound imaging – the move towards mathematics <i>B. Angelsen (Norway)</i>		
<b>09:00–10:00</b>		<b>Fetal growth anomalies I</b>	<b>PDA 2nd Floor</b>
Chairs: Z. Alfirevic (UK); S. Eik-Nes (Norway)			
09:00	Overview <i>S. Eik-Nes (Norway)</i>		
09:15	A new population based term prediction method – evaluation of the FL-based predictions <i>I. Økland; H. Gjessing; P. Grøttum; T. Eggebø; S. Eik-Nes (Norway)</i>		OC01
09:20	Discussion		
09:23	Growth rate between first and second trimester and the risk of adverse pregnancy outcome <i>N. Pedersen; K. Wøjdemann; T. Scheike; A. Tabor (Denmark)</i>		OC02
09:28	Discussion		
09:31	Fetal weight estimation in gestational diabetic pregnant women: comparison between conventional and a new three dimensional ultrasound method <i>T. Frusca; A. Minelli; N. Palai; B. Rovetto; N. Fratelli (Italy)</i>		OC03
09:36	Fetal weight estimation for prediction of fetal macrosomia: does additional clinical and demographic data using pattern recognition algorithm improve detection? <i>S. Degani; D. Peleg; K. Bahous; Z. Leibovitz; I. Shapiro; G. Ohel (Israel)</i>		OC04
09:41	Discussion		
09:50	Are third trimester growth velocity measurements related to newborn infant percent body fat? <i>W. Lee; S. Sameera; R. Deter; J. Espinoza; M. Yao; R. Romero (USA)</i>		OC05
09:55	Discussion		
<b>08:30–10:00</b>		<b>Pelvic pain and endometriosis – joint SEGI session</b>	<b>PDA Basement</b>
Chairs: G. Scarselli (Italy); C. Chapron (France)			
08:30	The relationship between endometriosis, pain and fertility <i>T. D'Hooghe (Belgium)</i>		
08:45	The use of ultrasound and laparoscopy to diagnosis ovarian and deep endometriosis: case examples and video presentation <i>C. Exacoustos (Italy); E. Zupi (Italy)</i>		
09:05	Medical or surgical therapy for deep endometriosis <i>C. Chapron (France)</i>		
09:20	Diagnostic accuracy and potential limitations of transvaginal sonography for bladder endometriosis <i>L. Manuzzi; G. Villa; M. Guerrini; M. Mabrouk; P. Pollastri; R. Seracchioli; L. Savelli (Italy)</i>		OC06
09:25	Diagnosis of location of deep infiltrating endometriosis by transvaginal tenderness guided ultrasonography <i>S. Guerriero; M. Gerada; S. Ajossa; B. Virgilio; M. D'Aquila; S. Floris; S. Piras; G.B. Melis (Italy)</i>		OC07
09:30	Ovarian damage after laparoscopic excision of endometriomas: a quantitative analysis by 3D ultrasound <i>T. Bignardi; F. Leone; C. Marciante; A. Crepaldi; E. Ferrazzi (Italy)</i>		OC08
09:35	Does laparoscopic cystectomy for bilateral endometriomas affect ovarian reserve? Insight from b-FSH and ovarian response to gonadotrophin stimulation for ART <i>F. Rizzello; F. Cammilli; E. Castellacci; C. Riviello; M. Coccia (Italy)</i>		OC09
09:40	Discussion		
<b>10:00–10:45</b>		<b>Chaired oral poster discussions (#sponsored by Medison)</b>	
10:00–10:45	<b>OP01: Maternal Doppler</b> Chairs: C. Lees (UK); H. Valensise (Italy)		PDC G.Onice
10:00–10:45	<b>OP02: Fetal therapy I</b> Chairs: E. Gratacós (Spain); K. Hecher (Germany)		PDA 3.B
10:00–10:45	<b>OP03 : MRI</b> Chairs: Y. Ville (France); A. Righini (Italy)		PDA 2.B
10:00–10:45	<b>OP04 &amp; OP05: Early pregnancy I &amp; II</b> Chairs: C. Bottomley (UK); D. Jurkovic (UK)		Presentation: PDA Basement Viewing: PDC 1.01

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# Program – Monday 8 October 2007

10:00–10:45	<b>OP06: CHD: diagnosis and outcome</b> <i>Chairs: G. DeVore (USA); F. Taddei (Italy)</i>	PDA 3.A
10:00–10:45	<b>OP07: First trimester ultrasound examination</b> <i>Chairs: G. Monni (Italy); L. Pasquini (Italy)</i>	PDC 2. Sala Verde
10:00–10:45	<b>OP21: Fetal anomaly scan</b> <i>Chairs: A. Gagnon (Canada); C. Bilardo (Netherlands)</i>	PDC 2.02
10:00–10:45	<b>OP22: Ultrasound in labour</b> <i>Chairs: H. Dietz (Australia); B. Tutschek (Germany)</i>	PDA 1.A

**Poster viewing is available all day for OP sessions as listed above and:**

P26: Fetal Abdomen	PDC G.04
P27: Anomalies of the placenta and umbilical cord	PDC G.05
P28 & P29: Early pregnancy I & II	PDC 1.01
P30: MRI	PDA 2.B
P31: First trimester screening for Down syndrome	PDC 1.04
P32: Fetal echocardiography and CHD I	PDA 3.A
P49: Ultrasound in labour	PDA 1.A
P50: First trimester screening for syndromes and malformations	PDC 2.03

**10:30–11:15 Coffee and poster viewing**

**11:15–12:30 The fetal anomaly scan at 20 weeks (\*sponsored by Philips) PDC Auditorium**

	<i>Chairs: J. Hobbins (USA); T. Todros (Italy)</i>	
11:15	Live scan demonstration <i>P. Jeanty (USA)</i>	
11:35	Overview <i>T. Todros (Italy)</i>	
11:50	Impact of 15 years of prenatal ultrasound examination on trends in termination of pregnancy in a non-selected population of 41 382 births in Norway <i>K. Offerdal; H. Blaas; S. Eik-Nes (Norway)</i>	OC10
11:55	Discussion	
12:00	Feasibility and reproducibility of an image scoring method for quality assessment of standard ultrasound planes at second trimester examination <i>L. Salomon; N. Winer; J. Bernard; Y. Ville (France)</i>	OC11
12:05	Prenatal diagnosis of duplex kidneys: does it make any difference? <i>S. Whitten; D. Wilcox; L. Chitty (UK)</i>	OC12
12:10	Long-term follow-up of children with prenatally diagnosed urinary tract malformations <i>J. Stupin; M. Albert; I. Fuchs; F. Eckoldt; J. Gellermann; C. Czernik; J. Dudenhausen; W. Henrich (Germany)</i>	OC13
12:15	Characteristics and outcome of prenatally diagnosed fetal omphalocele <i>C. Kleinrouweler; C. Bilardo; C. Kuijper; E. Pajkt (Netherlands)</i>	OC14
12:20	Discussion	

**11:15–12:30 Magnetic Resonance Imaging in Obstetrics PDA 2nd Floor**

	<i>Chairs: D. Nyberg (USA); D. Levine (USA)</i>	
11:15	Overview <i>D. Levine (USA)</i>	
11:35	Concordance of prenatal US and MR diagnoses in fetuses referred for ventriculomegaly <i>D. Levine; J. Kazan-Tannus; T. Metha; J. Estroff; T. Poussaint; R. Robertson; C. Robson; C. Barnewolt; M. Magnino; H. Felman (USA)</i>	OC15
11:40	Early detection of focal cortical gyration anomalies: prenatal MR imaging <i>A. Righini; C. Parazzini; C. Doneda; L. Avagliano; M. Rustico; G. Bulfamante; F. Triulzi (Italy)</i>	OC16
11:45	Quantitative and qualitative vermiform and posterior fossa evaluation by Magnetic Resonance Imaging in fetuses with suspected abnormal findings by US <i>D. Twickler; C. Read; J. Dashe (USA)</i>	OC17
11:50	Discussion	
12:00	CMV-related fetal brain lesions: comparison between magnetic resonance imaging and targeted ultrasound examination <i>G. Benoist; B. Suarez; M. Mohlo; F. Jacquemard; A. Dejean; L. Salomon; Y. Ville (France)</i>	OC18
12:05	Ultrasound versus magnetic resonance in prenatal diagnosis of fetal malformations <i>H. Munoz; X. Ortega; G. Soto; M. Parra; C. Schnapp; R. Gomez; L. Medina; M. Yamamoto; J. Astudillo (Chile)</i>	OC19
12:10	Comparison of prenatal sonography and MR imaging in congenital respiratory system lesions <i>X. Chen; S. Zhao; X. Yang; D. Lu; Z. Sun (China)</i>	OC20
12:15	Post-mortem magnetic resonance imaging of the fetus – an important adjunct to the formal autopsy <i>E. Whitby; M. Paley; P. Griffiths; M. Cohen (UK)</i>	OC21

# Program – Monday 8 October 2007

12:20	Discussion	
<b>11:15–12:30</b>	<b>Complimentary imaging and deep endometriosis</b>	<b>PDA Basement</b>
	<i>Chairs: T. D'Hooghe (Belgium); E. Zupi (Italy)</i>	
11:15	Practical application of 3D ultrasound in Gynecology <i>B. Benacerraf (USA)</i>	
11:25	Sonovaginography versus Nuclear Magnetic Resonance in the assessment of recto-vaginal endometriosis <i>E. Cosmi; E. Spiller; M. Bonora; B. Baldasso; C. Saccardi; A. Tregnaghi; P. Litta (Italy)</i>	OC22
11:30	Magnetic resonance imaging and transvaginal ultrasonography in the diagnosis of location of deep infiltrating endometriosis or adnexal mass associated with chronic pelvic pain or infertility <i>S. Guerriero; M. Gerada; S. Ajossa; B. Virgilio; M. D'Aquila; A. Atzei; R. Sulcis; L. Saba; C. Politi; S. Piras; G. Mallarini; G.B. Melis (Italy)</i>	OC23, OC24
11:35	Sonographic features of abdominal wall endometriotic nodules, a frequently misdiagnosed condition <i>L. Savelli; M. Nanni (Italy)</i>	OC25
11:40	The Role of PET/CT in evaluation of sonographically difficult adnexal masses <i>S. Giunchi; M. Kuleva; T. Ghi; F. Armillotta; S. Fanti; P. Castellucci; L. Savelli; A. Perrone; G. Pelusi (Italy)</i>	OC26
11:45	The "pulling-out sign" for intestinal deep infiltrating endometriosis: prognostic role of findings at 3D-transvaginal sonography <i>F. Leone; M. Petullà; G. Maconi; C. Marcianate; A. Crepaldi; T. Bignardi; E. Ferrazzi (Italy)</i>	OC27
11:50	Effects of medical therapy on deep endometriosis: a sonographic study <i>C. Exacoustos; M.E. Romanini; A. Amadio; C. Amoroso; B. Szabolcs; E. Zupi; D. Arduini (Italy)</i>	OC28
11:55	Cost-effectiveness of magnetic resonance image-guided focused ultrasound (MRgFUS) for the treatment of uterine fibroids <i>A. O'Sullivan; M. Weinstein; D. Thompson; P. Chu; D. Lee; E. Stewart (USA)</i>	OC29
12:00	Identifying uterine adenomyosis <i>D. Timmerman (Belgium)</i>	
12:10	Characteristics of ovarian endometriosis <i>L. Valentin (Sweden)</i>	
12:15	Discussion	
<b>12:45–13:45</b>	<b>**GE satellite symposium</b>	<b>PDC Auditorium</b>
	Clinical application of the latest developments in Volume Ultrasound <i>Chair: G. Pilu (Italy)</i>	
	Fetal heart early assessment <i>D. Paladini (Italy)</i>	
	New ultrasound tools in obstetric examination <i>B. Benoit (Germany)</i>	
	New ultrasound tools in gynecology examination <i>N. Raine-Fenning (UK)</i>	
<b>12:30–14:00</b>	<b>Lunch and poster viewing</b>	
<b>14:00–15:30</b>	<b>Screening for aneuploidy at 11–14 weeks I (*sponsored by Toshiba)</b>	<b>PDC Auditorium</b>
	<i>Chairs: K. Nicolaides (UK); G. Pilu (Italy)</i>	
14:00	Live scan demonstration <i>C. Bilardo (Netherlands)</i>	
14:20	Role playing <i>The sonologist: K. Nicolaides (UK)</i> <i>The parents: A. Tabor (Denmark); L. Platt (USA)</i>	
14:50	Are pregnant women and their partners making an informed choice about first trimester risk assessment for Down syndrome? <i>L. Bangsgaard; A. Tabor (Denmark)</i>	OC30
14:55	Women's satisfaction with the OSCAR (One Stop Clinic Assessment of Risk) model of first trimester combined screening <i>J. Johnson; R. Kohut; R. Simrose; D. Dewey; G. Connors; J. Pollard; D. Jones; I. Lange (Canada)</i>	OC31
15:00	Pregnancy choices after prenatal diagnosis of aneuploidy in a setting in which elective pregnancy termination is not locally available <i>S. Said; M. Geary; F. Malone (Ireland)</i>	OC32
15:05	Discussion	
15:15	Increased fetal nuchal translucency in chromosomally normal fetuses: an analysis of outcome <i>A. Chiriac; P. Kreiselmair; A. Schwarze; C. Berg; A. Geipel; M. Krapp; U. Germer; U. Gembruch; R. Axt-Fliedner (Germany)</i>	OC33
15:20	Normal fetal and neonatal outcome after very enlarged NT <i>E. Timmerman; M. Müller; E. Pajkrt; C. Bilardo (Netherlands)</i>	OC34

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# Program – Monday 8 October 2007

15:25 Discussion

## 14:00–15:30 Fetal growth anomalies from diagnosis to intervention PDA 2nd Floor

- Chairs: K. Maršál (Sweden); H. Valensise (Italy)*
- 14:00 Three-dimensional ultrasound hourly fetal urine production rate (HFUPR): reliability of rotational (VOCAL) technique using different step of rotation OC35  
*F. Peixoto-Filho<sup>1</sup>; R. Moreira de Sa<sup>1</sup>; L. Lopes<sup>1</sup>; L. Velarde<sup>1</sup>; E. Marchiori<sup>1</sup>; Y. Ville<sup>2</sup> (Brazil); <sup>2</sup>(France)*
- 14:05 Liver-to-kidney volume ratio by Virtual Organ Computer-aided Analysis (VOCAL) OC36  
*A. Lysikiewicz; D. Maulik; O. Langer; A. Balcer (USA)*
- 14:10 Discussion
- 14:15 The association of isolated midtrimester short femur with perinatal outcome OC37  
*B. Weisz<sup>1</sup>; A. David<sup>2</sup>; D. Chitty<sup>2</sup>; D. Peebles<sup>2</sup>; P. Pandya<sup>2</sup>; C. Rodeck<sup>2</sup> (Israel); <sup>2</sup>(UK)*
- 14:20 Discussion
- 14:23 Estimated fetal weight by 2 operators improves identification of small for gestational age fetuses OC38  
*J. Nizard; M. Rahmati; Y. Ville (France)*
- 14:28 Discussion
- 14:31 Small for gestational age and fetal growth restricted very low birth weight neonates have different postnatal weight growth curves OC39  
*V. Ciriminna; G. Rossetti; E. Bertino; P. Gaglioti; M. Mensa; G. Oggè; M. Oberto; E. Spada; S. Milani; C. Fabris; T. Todros (Italy)*
- 14:36 Discussion
- 14:39 A comparison of 2D and 3D US methods of assessing fetal fat in growth abnormalities using customised birthweight outcomes OC40  
*G. Parry (New Zealand)*
- 14:44 Discussion
- 14:47 Assessing IVS thickness as a predictor of LGA in pregnancy complicated by diabetes mellitus OC41  
*H. Mitkowska Wozniak; J. Brazert; E. Wender Ozegowska; A. Persona Sliwinska; E. Bieganska; R. Biczysko (Poland)*
- 14:52 Discussion
- 14:55 Evaluation of the impact of the presence or absence of preeclampsia on fetal cardiac function in intrauterine growth restricted fetuses OC42  
*A. Rabanal; F. Crispi; E. Hernandez-Andrade; J. Benavides-Serralde; O. Gomez; M. Comas; F. Figueras; E. Gratacós (Spain)*
- 15:00 Intrauterine Growth Restriction and cardiovascular disease before and after birth OC43  
*E. Cosmi; D. Trevisanuto; V. Zanardo; S. Doglioni; A. Ambrosini (Italy)*
- 15:05 Discussion
- 15:10 Treatment of severe vascular fetal intrauterine growth restriction with L-Arginine: a multicentre prospective double-blind randomized placebo-controlled study OC44  
*N. Winer; B. Branger; E. Azria; J. Roze; P. Descamps; H. Philippe; D. Darmaun (France)*
- 15:15 Effect of maternal glucose loading on fetal blood flow distribution OC45  
*G. Haugen; J. Bollerslev; T. Henriksen (Norway)*
- 15:25 Discussion

## 14:00–15.30 Early pregnancy I: miscarriage PDA Basement

- Chairs: S. Goldstein (USA); C. Battaglia (Italy)*
- 14:00 The role of biochemistry in early pregnancy OC46  
*F. Petraglia (Italy)*
- 14:20 The basic science and management of recurrent miscarriage OC47  
*I. Manyonda (UK)*
- 14:40 Using ultrasound to diagnose gestational trophoblastic disease OC48  
*A. Papageorghiou (UK)*
- 14:45 How should we define miscarriage?  
*D. Jurkovic (UK)*
- 14:50 Does discrepancy between expected and measured crown rump length in the early first trimester predict subsequent miscarriage?  
*C. Bottomley; E. Kirk; F. Mukri; C. Schoeb; T. Bourne; A. Papageorghiou (UK)*
- 14:55 Discrepancy in crown-rump length between twins as a predictor of spontaneous embryonic demise to a singleton pregnancy  
*S. Bora; A. Papageorghiou; C. Bottomley; L. Tan; F. Mukri; T. Bourne (UK)*
- 15:00 Development of a model to predict ability of ultrasound to make a diagnosis at first assessment in the unselected early pregnancy population  
*C. Bottomley<sup>1</sup>; V. Van Belle<sup>2</sup>; F. Mukri<sup>1</sup>; S. Van Huffel<sup>2</sup>; D. Timmerman<sup>2</sup>; T. Bourne<sup>1</sup> (UK); <sup>2</sup>(Belgium)*

# Program – Monday 8 October 2007

15:05	Increasing endometrial thickness significantly predicts normal intrauterine pregnancy <i>E. Moschos; D. Twickler (USA)</i>	OC49
15:10	Gestational sac volume estimation using a novel method of volume assessment – AVM-3D and chorion volume measurements using Vocal in early pregnancy <i>M. Pietryga; A. Zawiejska; Z. Kurpik; J. Brazert (Poland)</i>	OC50, OC51
15:15	Discussion	

## 15:30–16:00 Coffee and poster viewing

## 16:00–17:30 Diagnosis of fetal anomalies at 11–14 weeks (\*sponsored by Medison) PDC Auditorium

	<i>Chairs: A. Gagnon (Canada); L. Pasquini (Italy)</i>	
16:00	Live scan demonstration <i>S. Yagel (Israel)</i>	
16:20	Overview <i>H. Blaas (Norway)</i>	
16:35	Transabdominal fetal cardiac examination in cases with enlarged nuchal translucency for chromosomal abnormality screening <i>M. Zoppi; R. Ibbá; C. Axiana; M. Floris; F. Manca; G. Monni (Italy)</i>	OC52
16:40	Prenatal diagnosis of central nervous system anomalies at 11–14 weeks of gestation <i>W. Sepulveda; A. Wong; V. Dezerega (Chile)</i>	OC53
16:45	Discussion	
16:55	Sonographic detection of umbilical cord cysts and associated findings during pregnancy; a 5 year experience <i>J. Villa; S. Weiner (USA)</i>	OC54
17:00	The umbilical cord multiple cysts in the first trimester: a marker of increased unfavorable pregnancy <i>G. Centini; L. Rosignoli; G. Tonni (Italy)</i>	OC55
17:05	Discussion	
17:10	Miscarriage after a normal scan at 12–14 gestational weeks in women at low risk of carrying a fetus with chromosomal anomaly according to nuchal translucency screening <i>M. Westin; K. Källén; S. Saltvedt; H. Almstrom; C. Grunewald; L. Valentin (Sweden)</i>	OC56
17:15	Enlarged nuchal translucency in the same woman in different pregnancies <i>M. Zoppi; R.M. Ibbá; C. Axiana; M. Floris; F. Manca; G. Monni (Italy)</i>	OC57
17:20	Discussion	

## 16:00–18:10 Symposium on safety of diagnostic ultrasound (in conjunction with WFUMB) PDA 2nd Floor

	<i>Chairs: S. Barnett (Australia); J. Abramowicz (USA)</i>	
16:00	Introduction, purpose of workshop and expected outcome <i>S. Barnett (Australia)</i>	
	Hot Topic Debate: 'The non-clinical use of ultrasound is safe and beneficial'	
16:05	For <i>S. Campbell (UK)</i>	
16:20	Against <i>L. Platt (USA)</i>	
16:35	Rebuttals	
16:45	Open Forum Public Response	
	<b>Invited Presentations</b>	
16:55	Bioeffects & Safety Risk <i>J. Abramowicz (USA)</i>	
17:00	Epidemiology and relevance of neural migration studies <i>K. Maršál (Sweden)</i>	
17:05	Where could there be a role for keepsake images? <i>B. Benacerraf (USA)</i>	
17:15	Ethical issues – patient rights, potential misuse <i>C. Brezinka (Austria)</i>	
17:25	Live scanning of pregnant models for equipment exhibitions <i>G. Cerri (Brazil)</i>	
17:35	Medico-Legal implications – unlicensed operators <i>J. Copel (USA)</i>	
17:45	Regulators perspective (FDA, EMEA) <i>M. Stratmeyer (USA)</i>	
17:55	Expert panel (inc.debaters) & public discussion	

# Program – Monday 8 October 2007

**16:00–17:30 Early pregnancy II: PUL and ectopic pregnancy PDA Basement**

	<i>Chairs: T. Bourne (UK); A. Ngu (Australia)</i>	
16:00	Managing pregnancies of unknown location – discriminatory zones, curettage or mathematical models? <i>G. Condous (Australia)</i>	
16:15	The ultrasound diagnosis and management of ectopic pregnancy <i>E. Kirk; L. Tan; F. Mukri; C. Bottomley; S. Bora; G. Condous; A. Papageorghiou; T. Bourne (UK)</i>	OC58, OC59
16:30	The efficacy of surgical and conservative management of Caesarean scar pregnancies <i>J. Ben Nagi; E. Sawyer; D. Mavrelou; A. Day; S. Helmy; D. Jurkovic (UK)</i>	OC60
16:35	Fertility outcomes following interstitial pregnancy <i>E. Sawyer; S. Helmy; J. Ben Nagi; A. Day; J. Yazbek; D. Jurkovic (UK)</i>	OC62
16:40	Why are some ectopic pregnancies missed on the initial ultrasound examination? <i>E. Kirk; A. Papageorghiou; G. Condous; L. Tan; S. Bora; T. Bourne (UK)</i>	OC63
16:45	Pain and bleeding in the prediction of initial ultrasound findings and first trimester pregnancy outcome <i>C. Bottomley; E. Kirk; F. Mukri; T. Bourne; C. Schoeb; A. Papageorghiou (UK)</i>	OC64, OC65, OC66
16:55	Persisting pregnancies of unknown location: challenges in diagnosis and management <i>L. Tan<sup>1</sup>; E. Kirk<sup>1</sup>; A. Papageorghiou<sup>1</sup>; G. Condous<sup>2</sup>; F. Mukri<sup>1</sup>; S. Bora<sup>1</sup>; T. Bourne<sup>1</sup></i> <i><sup>1</sup>(UK); <sup>2</sup>(Australia)</i>	OC67
17:00	The use of serum hCG and progesterone measurement to reduce the need for follow up of women with pregnancies of unknown location <i>A. Day; E. Sawyer; D. Mavrelou; T. Holland; J. Ben Nagi; D. Jurkovic (UK)</i>	OC68
17:05	Ability to make a diagnosis at first early pregnancy ultrasound assessment according to gestational age <i>C. Bottomley<sup>1</sup>; V. Van Belle<sup>2</sup>; F. Mukri<sup>1</sup>; E. Kirk<sup>1</sup>; A. Papageorghiou<sup>1</sup>; S. Van Huffel<sup>2</sup>; D. Timmerman<sup>2</sup>; T. Bourne<sup>1</sup></i> <i><sup>1</sup>(UK); <sup>2</sup>(Belgium)</i>	OC69
17:10	Discussion	



# Posters – Monday 8 October 2007

see it all

## Oral poster presentations – sponsored by MEDISON

Discussion groups for oral posters: 10:00–10:45

Viewing available all day

### OP01: Maternal doppler

Chairs: C. Lees (UK); H. Valensise (Italy)

Maternal orbital vessels Doppler velocimetry in gestational diabetes mellitus

*M. Wielgos (Poland)*

First trimester arterial wave analysis compared with first trimester uterine artery Doppler as a tool for predicting pre-eclampsia

*A. Khalil (United Kingdom)*

Maternal cardiovascular function and ambulatory blood pressure monitoring in pregnancies complicated by fetal growth restriction

*F. Prefumo (Italy)*

Total vascular resistance is already elevated at 24 weeks in patients with subsequent complications in persisting bilateral notching of uterine artery Doppler waveforms

*B. Vasapollo (Italy)*

A notch in the uterine artery during pregnancy is a sign of increased placental vascular resistance and not a reflection of increased peripheral vascular impedance

*M. Dubiel (Poland)*

Reduction of uterine artery blood flow volume is correlated to reduced fetal mass in pregnancies with abnormal uterine resistance index

*S. Rigano (Italy)*

Prognostic role of uterine arteries Doppler in patients with late onset preeclampsia

*T. Ghi (Italy)*

Predictive value for adverse perinatal outcome of uterine artery Doppler at onset of preeclampsia compared with classical fetal Doppler indices in early vs. late preeclampsia

*E. Meler (Spain)*

Uterine Doppler findings and perinatal outcome in small for gestational age fetuses delivered near term

*M. Segata (Italy)*

Third trimester uterine artery Doppler and adverse obstetric outcome

*A. Valcamonico (Italy)*

A two-tier approach to the diagnosis of small-for-gestational age fetuses in a low-risk population

*S. Gabrielli (Italy)*

Effect of the persistence in the power Doppler ultrasound recordings for the estimation of fractional moving blood volume in fetuses

*M. Scheier (Spain)*

Quantification of extracellular DNA in maternal plasma in placenta associated disorders and physiological pregnancies – a pilot study

*K. Dlouha (Czech Republic)*

Elevation of Pentraxin (PTX3) levels in the first trimester of pregnancy in women with subsequent pre-eclampsia

*A. Papageorghiou (United Kingdom)*

PAPP-A and fetal growth from week 12 to week 20

*J. Salvig (Denmark)*

### OP02: Fetal therapy I

Chairs: E. Gratacós (Spain); K. Hecher (Germany)

Long term pulmonary gene therapy with a lentiviral vector in a fetal rat model

*J. Deprest (Belgium)*

Fetal echogenic lung lesions: evolution and outcome

*E. Carreras (Spain)*

Maternal hyperoxygenation test in fetuses with congenital diaphragmatic hernia and correlations with neonatal respiratory function

*E. Doné (Belgium)*

Prenatal intervention in fetuses with severe congenital diaphragmatic hernia and congenital cystic adenomatoid malformation

*P. Klaritsch (Belgium)*

Thoraco-amniotic shunting as treatment for fetal pleural effusion

*M. Lanna (Italy)*

The chick embryo as a model for intrauterine ultrasound-guided heart interventions

*M. Meyer-Wittkopf (Switzerland)*

Long term outcome of fetal tachyarrhythmia

*M. Krapp (Germany)*

Non immune hydrops fetalis (270 cases) – optimization of diagnosis and therapy

*P. Kaczmarek (Poland)*

Measurement of cardiac contractility using fetal isovolumetric contraction time in fetal anemia caused by Rhesus alloimmunization

*Y. Fujita (Australia)*

Management of alloimmunised pregnancies and analysis of neonatal outcome

*L. Giorgi (United Kingdom)*

Abstract no.

PDC G.Onice

OP01.01

OP01.02

OP01.03

OP01.04

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PDA 3.B

OP02.01

OP02.02

OP02.03

OP02.04

OP02.05

OP02.06

OP02.07

OP02.08

OP02.09

OP02.10

# Posters – Monday 8 October 2007

Abstract no.

Ultrasound investigations of Parvovirus B19 Erythrovirus infected pregnant women in Denmark 1994 to 2006 <i>K. Carlsen (Denmark)</i>	OP02.11
<b>OP03: MRI</b>	<b>PDA 2.B</b>
<i>Chairs: Y. Ville (France); A. Righini (Italy)</i>	
Relationship between lung area at ultrasound and lung volume with Magnetic Resonance Imaging (MRI) in isolated congenital diaphragmatic hernia (CDH) <i>J. Depreest (Belgium)</i>	OP03.01
Magnetic resonance imaging of the fetal lung: a pictorial essay <i>M. Cannie (Belgium)</i>	OP03.02
The value of ultrasound and MRI in fetal anomalies diagnosis <i>A. Ceran Alicja (Poland)</i>	OP03.03
Fetal malformations: comparison of MR imaging and ultrasonography for diagnosis <i>S. Gruessner (Germany)</i>	OP03.04
Confidence of reporting fetal virtuopsy as compared to conventional necropsy <i>M. Cannie (Belgium)</i>	OP03.05
Diffusion-Weighted Magnetic Resonance Imaging of the human placenta <i>W. Lee (United States)</i>	OP03.06
Placenta percreta: Early diagnosis and long term follow up by MRI and US with a placenta left in situ <i>F. Chantraine (Belgium)</i>	OP03.07
Utility of MRI in the evaluation of abnormal placentation <i>S. Laifer-Narin (United States)</i>	OP03.08
MRI evaluation of pregnancies with an indeterminate location on ultrasound <i>S. Laifer-Narin (United States)</i>	OP03.09
Value of open MR in obstetrics <i>T. Soares Pereira (Brazil)</i>	OP03.10
Clinically silent extracranial and intracranial haemorrhages – are these a significant pathology or not? <i>L. Wallis (United Kingdom)</i>	OP03.11
Antenatal MRI in the diagnosis and management of fetal renal and suprarenal pathology <i>L. De Catte (Belgium)</i>	OP03.12

## OP04 & OP05: Early pregnancy I & II

Presentation: PDA Basement

Viewing: PDC 1.01

<i>Chairs: C. Bottomley (UK); D. Jurkovic (UK)</i>	
Has ultrasound eliminated the need for a vaginal speculum examination in the assessment of women with bleeding in early pregnancy? <i>S. Bora (United Kingdom)</i>	OP04.01
Serum hCG clearance curves in patients with tubal ectopic pregnancies managed expectantly <i>S. Helmy (United Kingdom)</i>	OP04.02
Ultrasound diagnosis of ectopic pregnancy in the non-communicating horn of a unicornuate uterus (cornual pregnancy) <i>D. Mavrelos (United Kingdom)</i>	OP04.03
HCG Ratios- Can they be validated for management of PULs? <i>S. Kapoor (United Kingdom)</i>	OP04.04
Surgical termination of early pregnancy under interrupted ultrasound guidance <i>C. Christodoulou (Greece)</i>	OP04.05
Three dimensional ultrasound parameters in the first trimester <i>M. Odeh (Israel)</i>	OP04.06
Predicting early pregnancy loss with Functional Linear Discriminant Analysis (FLDA) <i>A. Daemen (Belgium)</i>	OP04.07
Does the location of a subchorionic haematoma in early pregnancy affect the miscarriage rate? <i>F. Mukri (United Kingdom)</i>	OP04.08
3D ultrasound volumetry – growth abnormalities of the gestational sac in the first trimester of pregnancy: relation to pregnancy outcome <i>K. Koterova (Czech Republic)</i>	OP05.01
Can transvaginal ultrasound at 7–9 weeks reliably diagnose chorionicity and amnionicity in twin pregnancies? <i>S. Bora (United Kingdom)</i>	OP05.02
Doppler ultrasound in management of gestational trophoblastic disease <i>M. Pietryga (Poland)</i>	OP05.03
Assigning carnegie stages to embryos visualized with 3D ultrasound using a virtual reality system <i>C. Verwoerd-Dikkeboom (Netherlands)</i>	OP05.04
Recurrent spontaneous abortion: uterine arteries blood flow and three-dimensional sonographic evaluation of endometrial and subendometrial vascularity <i>N. Lazzarin (Italy)</i>	OP05.05
Comparisons of embryonic and yolk sac measurements in early pregnancy using 3D ultrasound and virtual reality <i>C. Verwoerd-Dikkeboom (Netherlands)</i>	OP05.06

# Posters – Monday 8 October 2007

	Abstract no.
Transvaginal Ultrasound-guided evacuation of the uterus – a randomized controlled trial <i>S. Anbalagan (United Kingdom)</i>	OP05.07
Transvaginal ultrasound in treatment follow up of gestational trophoblastic tumors (GTT) <i>D. Spagnolo (Italy)</i>	OP05.08
Fertility following Caesarean scar ectopic pregnancy <i>J. Ben Nagi (UK)</i>	OP05.09
<b>OP06: CHD Diagnosis and Outcome</b>	<b>PDA 3.A</b>
Chairs: <i>G. DeVore (USA); F. Taddei (Italy)</i>	
Isolated VSD in not associated with trisomy 21 <i>O. Shen (Israel)</i>	OP06.01
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First trimester diagnosis of cerebral teratoma <i>S. Delahaye (France)</i>	P50.16
First trimester diagnosis of Campomelic dysplasia. <i>V. Marsoosi (Islamic Republic of Iran)</i>	P50.17



## International Society of Ultrasound in Obstetrics and Gynecology

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

**Tuesday 9 October 2007**

**15:30**

**Auditorium, Palazzo dei Congressi**

***Coffee will follow the AGM in the exhibition areas***

All fully paid delegates at ISUOG's 17th World Congress in Florence are automatically enrolled as members of ISUOG through to December 2008 and are encouraged to attend the AGM.

# Program – Tuesday 9 October 2007

**09:00–17:00 GE satellite education area<sup>^</sup>** **PDC 2. Sala Verde**  
Detailed program page 70

**09:00–17:00 Medison satellite education area<sup>^</sup>** **PDA 4**  
Detailed program page 70

**08:30–10:00 Fetal neurosonology I (\*sponsored by Siemens)** **PDC Auditorium**

*Chairs: A. Toi (Canada); L. Guibaud (France)*

08:30	Live scan demonstration <i>I. Timor-Tritsch (USA)</i>	
08:50	Overview <i>G. Malinger (Israel)</i>	
09:05	Mild ventriculomegaly: should the cut-off be lowered to 9.5 mm? <i>G. Oggè; P. Gaglioti; D. Danelon; M. Mensa; V. Ciriminna; M. Oberto; M. Mombro; T. Todros (Italy)</i>	OC70
09:10	Isolated mild ventriculomegaly (10–12 mm): very long-term prognosis <i>M. Signorelli; F. Taddei; L. Franceschetti; N. Palai; C. Grolì (Italy)</i>	OC71
09:15	Discussion	
09:20	Prenatal diagnosis of cerebellar anomalies by dedicated neurosonography <i>S. Halawa<sup>1</sup>; I. Bar-Hava<sup>2</sup>; D. Lev<sup>2</sup>; H. Vinkler<sup>2</sup>; T. Lerman-Sagie<sup>2</sup>; G. Malinger<sup>2</sup></i> <sup>1</sup> (Palestinian Territory); <sup>2</sup> (Israel)	OC72
09:25	Periventricular Brain Cysts. Fetal Imaging and Postnatal/postmortem findings <i>A. Lausman; J. Keunen; J. Kingdom; P. Shannon; E. Widjaja; G. Ryan; D. Chitayat; C. Raybaud; A. Toi; M. Rohrbach; S. Blaser (Canada)</i>	OC73
09:30	Discussion	
09:35	Prenatal ultrasound diagnosis of tethered cord in fetuses without open neural tube defects <i>R. Sohaey; T. Tredennick; A. Kennedy; K. Oh; N. Selden (USA)</i>	OC74
09:40	Thick corpus callosum. Prenatal diagnosis and clinical significance <i>G. Malinger; R. Achiron; D. Kidron; L. Schreiber; L. Ben-Sira; D. Lev; T. Lerman-Sagie (Israel)</i>	OC75
09:45	Prognostic value of fetal optic chiasm measurements in fetuses with septal agenesis <i>J. Bault (France)</i>	OC76
09:50	Discussion	

**08:30–10:00 Screening for aneuploidy at 11–14 weeks II** **PDA 2nd Floor**

*Chairs: F. Malone (Rep of Ireland); G. Monni (Italy)*

08:30	Overview <i>F. Malone (Rep of Ireland)</i>	
08:45	How accurate are NT measurements? <i>J. Evans; A. Watson; K. Coulson; P. Chudleigh; R. Heslop; L. Heijne (UK)</i>	OC77
08:50	The impact of tissue harmonic on the measurement of nuchal translucency thickness <i>F. Tondi; L. Pasquini; V. Pontello; L. Giorgi; E. Paoletti; F. Branconi; M. Fontanarosa (Italy)</i>	OC78
08:55	Quantitative quality assessment of nuchal translucency measurements at 11–14 weeks: a role for cumulative sum (CUSUM) charts and tests? <i>L. Salomon; R. Porcher; J. Bernard; P. Rozenberg; Y. Ville (France)</i>	OC79
09:00	Discussion	
09:10	First trimester determination of fetal gender by ultrasound <i>P. Podobnik; M. Podobnik; J. Zmijanac; B. Gebauer; S. Stasenko; I. Brlecic (Croatia)</i>	OC80
09:15	Association between fetal gender and nuchal translucency thickness <i>L. Rode; K. Wøjdemann; M. Christiansen; A. Tabor; K. Sundberg (Denmark)</i>	OC81
09:20	Correlation between maternal -hCGf and PAPP-A levels and fetal genital tubercle appearance at 11–13+6 weeks <i>A. Selbing (Sweden)</i>	OC82
09:25	Discussion	
09:35	Multimarker maternal serum screening for Down syndrome in gestational week 8–9 <i>M. Christiansen (Denmark)</i>	OC83
09:40	Biochemical Normalisation of ADAM 12 – towards Serum-Only-Screening for Down syndrome in first trimester <i>M. Christiansen; T. Sørensen; J. Laigaard; B. Nørgaard-Pedersen (Denmark)</i>	OC84
09:45	Increased nuchal translucency and the risk of aneuploidy women screened by the integrated test <i>A. David; P. Jones; W. Huttly; R. Dave; C. Rodeck; P. Pandya (UK)</i>	OC85
09:50	Discussion	

<sup>^</sup>Satellite education programs are brought to you by our sponsors. ISUOG is not responsible for the content of these sessions, but has approved the activities.

\*Live scan demonstration sessions are generously supported by our sponsoring partners. Sponsors provide systems and support for all technical services to bring live scan sessions to you. Scientific content is defined by ISUOG.

# Program – Tuesday 9 October 2007

## 08:30–10:00 TVS in assisted reproduction – joint ESHRE session PDA Basement

	<i>Chairs: T. D'Hooghe (Belgium); F. Ubaldi (Italy)</i>	
08:30	Follicle maturation and quality assessment using ultrasound <i>P. Setti (Italy)</i>	
08:45	Measurement of uterine contractility in the non-pregnant uterus: methodology and clinical applications <i>C. Tomassetti (Belgium); T. D'Hooghe (Belgium)</i>	
09:00	Endometrial thickness and outcome after ART, what is clinically relevant? <i>F. Ubaldi (Italy)</i>	
09:15	Establishing the reliability and validity of a new technique that facilitates automated measurements of follicular diameter and volume <i>N. Raine-Fenning<sup>1</sup>; K. Jayaprakasan<sup>1</sup>; J. Clewes<sup>1</sup>; I. Joergner<sup>2</sup>; S. Dehghani Bonak<sup>2</sup>; S. Chamberlain<sup>1</sup>; L. Devlin<sup>1</sup>; H. Priddle<sup>1</sup>; I. Johnson<sup>1</sup></i> 1(UK); 2(Austria)	OC86, OC87
09:25	The intercycle variability of three-dimensional ultrasound determinants of ovarian reserve in an IVF population <i>K. Jayaprakasan; B.K. Campbell; J. Hopkisson; J. Clewes; I. Johnson; N.R. Raine-Fenning (UK)</i>	OC89
09:30	Three-dimensional ultrasonography and power Doppler in assessment of poor ovarian response <i>Y. Masliy; I. Sudoma (Ukraine)</i>	OC90
09:35	Multigate spectral Doppler analysis (MSDA) to study hemodynamic parameters during IVF treatment for egg donation cycles <i>G. Urban<sup>1</sup>; M. Paidas<sup>2</sup>; S. Ricci<sup>1</sup>; P. Tortoli<sup>1</sup>; F. Sanguineti<sup>2</sup>; P. Patrizio<sup>2</sup></i> <sup>1</sup> (Italy); <sup>2</sup> (USA)	OC91
09:40	Automated calculation of follicular volumes using 3D sonography in women undergoing assisted reproduction: a prospective evaluation of a novel software <i>T. Deutch; A. Abuhamad; D. Matson; L. Stadtmayer; S. Bocca; S. Oehninger (USA)</i>	OC92
09:45	Three-dimensional ultrasound improves work flow and provides a more reliable assessment of the number of antral follicles in patients with subfertility <i>K. Jayaprakasan; B. Campbell; J. Hopkisson; J. Clewes; I. Johnson; N. Raine-Fenning (UK)</i>	OC93
09:50	Discussion	

## 10:00–10:45 Chaired oral poster discussions (#sponsored by Medison)

<b>OP08: Fetal biometry</b>	<i>Chairs: S. Eik-Nes (Norway); T. Todros (Italy)</i>	PDA 1.A
<b>OP09: The second trimester malformation scan and anomalies of the face and abdomen</b>	<i>Chairs: A. Gagnon (Canada); A. Abuhamad (USA)</i>	PDA 3.B
<b>OP10: Twins I</b>	<i>Chairs: A. Baschat (USA); B. D'Addario (Italy)</i>	PDA 2.B
<b>OP11: Fertility, pelvic pain and endometriosis</b>	<i>Chairs: N. Raine-Fenning (UK); F. Ubaldi (Italy)</i>	Presentation: PDA Basement Viewing: PDC 1.01
<b>OP12: Fetal heart and 4D</b>	<i>Chairs: J. Carvalho (UK); B. Tutschek (Germany)</i>	PDA 3.A
<b>OP13: Fetal neurosonography</b>	<i>Chairs: D. Nyberg (USA); P. Volpe (Italy)</i>	PDC G.Onice

### Poster viewing is available all day for OP sessions as listed above and:

P33: Fetal skeleton	PDC G.04
P34: Biometry, umbilical cord and placenta	PDA 1.A
P35: Fertility, pelvic pain and endometriosis	PDC 1.01
P36: Twins	PDA 2.B
P37: Fetal neurosonography I	PDC G.05
P38: Fetal neurosonography II	PDC 1.04
P39: Fetal echocardiography and CHD	PDA 3.A

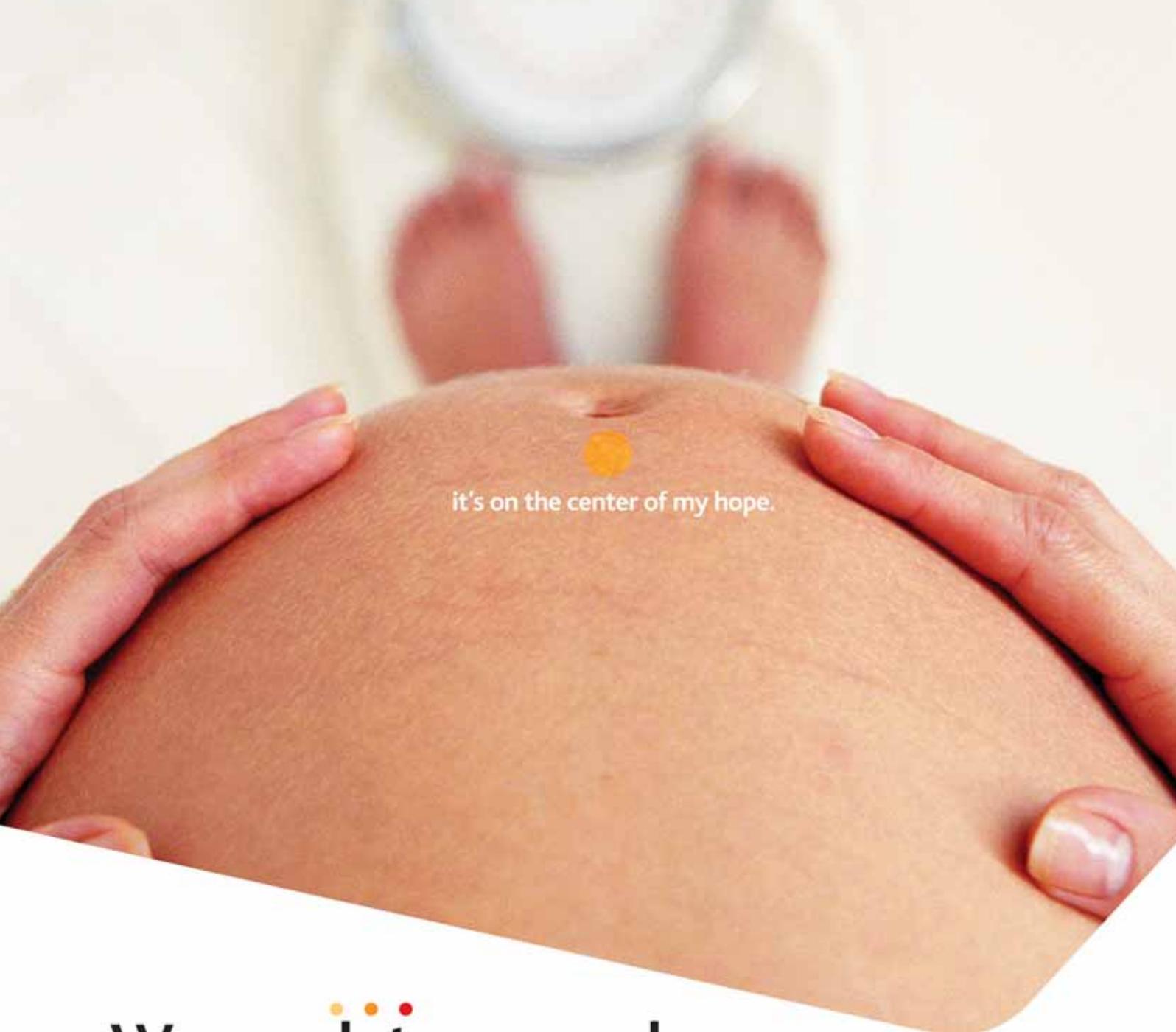
## 10:30–11:15 Coffee and poster viewing

## 11:15–12:30 Early fetal echocardiography (\*sponsored by Aloka) PDC Auditorium

	<i>Chairs: F. Taddei (Italy); R. Chaoui (Germany)</i>	
11:15	Live scan demonstration <i>J. Carvalho (UK)</i>	
11:35	Overview <i>B. Tutschek (Germany)</i>	
11:50	Structural heart defects associated with an increased nuchal translucency: 9 years experience in a referral centre <i>S. Clur<sup>1</sup>; A. Cook<sup>2</sup>; R. Laurini<sup>2</sup>; J. Ottenkamp<sup>1</sup>; C. Bilardo<sup>1</sup></i> <sup>1</sup> (Netherlands); <sup>2</sup> (UK); <sup>3</sup> (France)	OC94

# Poster sessions are generously supported by Medison. Scientific content is as provided by presenting authors.

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### MEDISON program highlights at ISUOG 2007

#### ISUOG live scan demonstration sessions (Oct 8 & Oct 10)

**Oct 8** 16:00-17:30 Diagnosis of fetal anomalies at 11-14 weeks

**Oct 10** 14:00-15:30 The fetal face and 3D/4D ultrasound

#### Satellite Education Areas (Oct 8-9) & Hospitality Suite 2 (Oct 10)

Visit MEDISON on the 3<sup>rd</sup> and 4<sup>th</sup> floors, Palazzo degli Affari to experience new technology and the latest products of MEDISON.

*Visit us at MEDISON Booth #36 to get detailed information on each session.*

#### MEDISON Satellite Symposia

**Oct 10** 12:45-13:45

  
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# Program – Tuesday 9 October 2007

11:55	Discussion	
11:58	Feasibility of the 1st level transabdominal screening for cardiac defects at the time of NT measurements using a new high-definition blood flow imaging mode <i>M. Bellotti; V. Raspaolo; F. Pelle; V. Mariotti; M. Ierardi; C. De Gasperi; G. Rognoni (Italy)</i>	OC95
12:03	Estimation of the myocardial performance index in fetuses at 11,0 to 13,6 week's gestation <i>A. Hamela-Olkowska; P. Wlasienko; K. Jalinik; J. Dangel (Poland)</i>	OC96
12:08	Influence of maternal ingestion of green tea and other common polyphenol-rich beverages on fetal ductus arteriosus dynamics <i>P. Zielinsky; J. Manica; A. Piccoli Jr; L. Nicoloso; R. Frajndlich; H. Menezes; A. Busato; L. Hagemann; M. Moraes; J. Silva; T. Behrens; J. Huber; M. Brandão-da-Silva; R. Petracco (Brazil)</i>	OC97, OC98
12:16	Discussion	

## 11:15–12:30 Dealing with borderline findings PDA 2nd Floor

	<i>Chairs: G. Pilu (Italy); P. Calda (Czech Republic)</i>	
11:15	Mild ventriculomegaly role play <i>The sonologist: I. Timor-Tritsch (USA)</i> <i>The parents: D. Levine (USA); P. Jeanty (USA)</i>	
11:45	Should we recommend Invasive Study in Fetus with Isolated Borderline Ventriculomegaly? <i>J. Chung; M. Kim; H. Ryu; J. Han; J. Yang (Republic of Korea)</i>	OC99
11:50	Fetuses with Down syndrome have an enlarged anterior fontanel in the 2nd trimester of pregnancy <i>D. Paladini; G. Sglavo; I. Penner; G. Pastore; C. Nappi (Italy)</i>	OC100
11:55	Fetal aberrant right subclavian artery in normal fetuses and in Down Syndrome <i>Y. Zalel; R. Achiron; S. Yagel; Z. Kivilevitch (Israel)</i>	OC101
12:00	Discussion	
12:10	Aetiology of hyperechogenic bowel within a tertiary fetal medicine unit <i>S. Whitten; S. Clayton; G. Norbury; L. Chitty (UK)</i>	OC102
12:15	Outcome of antenatally diagnosed short femur <i>N. Fratelli; K. Leslie; A. Bhide; B. Thilaganathan; A. Papageorghiou (UK)</i>	OC103
12:20	Isolated gall bladder abnormality in utero: clinical significance as a screen for fetal anomaly <i>M. Moon; J. Cho; Y. Lee; M. Song; M. Lee; H. Cho (Republic of Korea)</i>	OC104
12:25	Discussion	

## 11:15–12:30 Interactive session: practical aspects of ultrasound in gynecology, video and case examples PDA Basement

	<i>Chairs: T. Bourne (UK); L. Savelli (Italy)</i>	
11:15	Assessing the endometrium <i>S. Goldstein (USA); E. Ferrazzi (Italy)</i>	
11:30	The abnormal ovary <i>D. Timmerman (Belgium); A. Testa (Italy)</i>	
11:45	Early pregnancy <i>D. Jurkovic (UK); G. Condous (Australia)</i>	
12:00	Fibroids, adenomyosis and adhesions <i>L. Savelli (Italy); F. Leone (Italy)</i>	
12:15	Discussion	

## 12:45–13:45 \*\*Siemens satellite symposium PDC Auditorium

Fetal posterior fossa anomalies. From routine ultrasound to diagnostic imaging  
*Chair: G. Pilu (Italy)*  
*Speaker: L. Guibaud (France)*

## 12:30–14:00 Lunch and poster viewing

## 14:00–15:30 Fetal echocardiography: CHD and extra cardiac anomalies PDC Auditorium (\*sponsored by Philips)

	<i>Chairs: J. Carvalho (UK); J. Copel (USA)</i>	
14:00	Live scan demonstration <i>D. Paladini (Italy)</i>	
14:20	Overview <i>J. Copel (USA)</i>	
14:35	Congenital heart defects and associated extracardiac anomalies in a non-selected population of 42 381 fetuses <i>E. Tegander; S. Eik-Nes (Norway)</i>	OC105

# Program – Tuesday 9 October 2007

14:40	Discussion	
14:45	The clinical significance of isolated muscular ventricular septal defect (VSD) <i>M. Bahtiyar; B. Stevens; B. Weeks; A. Friedman; J. Copel (USA)</i>	OC106
14:50	Coexistence of extra-cardiac malformations and abnormal karyotype among fetuses with prenatally diagnosed isolated ventricular septal defect (VSD) <i>P. Wlasienko; A. Kaplanska; J. Kuran; E. Sliwka; J. Papierz; A. Kraska; J. Dangel (Poland)</i>	OC107
14:55	Discussion	
15:05	Ventricular performance in the fetus with hypoplastic left heart syndrome <i>A. Szwast; Z. Tian; M. McCann; D. Donaghue; J. Rychik (USA)</i>	OC108
15:10	Prominence of the coronary circulation in the fetus: a prognostic indicator of poor outcome? <i>J. Rychik; M. Bebbington; M. McCann; A. Szwast; Z. Tian (USA)</i>	OC109
15:15	Prenatal diagnosis of cardiac rhabdomyomas: incidence of associated Tuberous Sclerosis Complex and cerebral lesions <i>J. Saada; S. Hadj-Rabia; I. Fermont; J. Lebidois; J. Martinovic; P. Sonigo; D. Bonnet; Y. Dumez; A. Benachi (France)</i>	OC110
15:20	Discussion	

## 15:30–16:00 ISUOG Annual General Meeting

PDC Auditorium

## 14:00–15:30 Twins

PDA 2nd Floor

	<i>Chairs: Y. Ville (France); K. Hecher (Germany)</i>	
14:00	Update on monozygotic twins (overview) <i>K. Hecher (Germany)</i>	
14:15	Placental sharing, birthweight discordance and vascular anastomoses in monozygotic diamniotic twin placenta <i>J. Deprest<sup>1</sup>; M. Cannie<sup>1</sup>; I. Blickstein<sup>2</sup>; J. Jani<sup>3</sup>; A. Huber<sup>4</sup>; K. Hecher<sup>5</sup>; S. Dymarkowski<sup>6</sup>; E. Gratacós<sup>7</sup>; P. Lewi<sup>8</sup>; L. Lewi<sup>9</sup> (Belgium); <sup>2</sup>(Israel); <sup>3</sup>(UK); <sup>4</sup>(Germany); <sup>5</sup>(Spain)</i>	OC111
14:20	The natural history of monozygotic twins and the role of prenatal ultrasound scan <i>L. Lewi<sup>1</sup>; J. Jani<sup>2</sup>; A. S. Boes<sup>3</sup>; E. Donne<sup>4</sup>; T. Van Mieghem<sup>5</sup>; L. Gucciardo<sup>6</sup>; A. Diemert<sup>7</sup>; K. Hecher<sup>8</sup>; P. Lewi<sup>9</sup>; J. Deprest<sup>10</sup> (Belgium); <sup>2</sup>(UK); <sup>3</sup>(Germany)</i>	OC112
14:25	Amniotic fluid discordance in monozygotic twin pregnancies: how harmful is it? <i>E. Carreras; L. Perdomo; T. Higuera; B. Muñoz; M. Sanchez; G. Villagomez; L. Cabero (Spain)</i>	OC113
14:30	Discussion	
14:40	Staging by cardiac function in twin-to-twin transfusion syndrome: a descriptive study <i>J. Stirnemann<sup>1</sup>; F. Proux<sup>2</sup>; J. C. Fouron<sup>3</sup>; Y. Ville<sup>4</sup></i>	OC114
14:45	Validation of the Quintero's stage 3 sub-classification for Twin-Twin Transfusion Syndrome with or without visible donor bladder <i>T. Murakoshi; K. Ishii; M. Nakata; H. Sago; S. Hayashi; Y. Takahashi; M. Matsushita; T. Shinno; H. Naruse; Y. Torii (Japan)</i>	OC115
14:50	Discussion	
14:55	Trocar-assisted selective laser photocoagulation of communicating vessels <i>R. Quintero; E. Kontopoulos; R. Chmait; P. Bornick; M. Allen (USA)</i>	OC116
15:00	Laser coagulation of placental anastomoses in severe mid-trimester twin-twin transfusion syndrome and anterior placenta with a 30° fetoscope <i>A. Huber<sup>1</sup>; A. Baschat<sup>2</sup>; T. Breggenzer<sup>3</sup>; A. Diemert<sup>4</sup>; M. Tchirikov<sup>5</sup>; K. Hecher<sup>6</sup> (Germany); <sup>2</sup>(USA)</i>	OC117
15:05	Discussion	
15:10	Sequential laser coagulation of placental communicating vessels for twin-to-twin transfusion syndrome: a new approach to prevent fetal demise of a donor <i>M. Nakata; T. Murakoshi; H. Sago; K. Ishii; S. Hayashi; S. Murata; I. Miwa; M. Sumie; N. Sugino (Japan)</i>	OC118
15:15	Peri-operative prognostic factors in twin-to-twin transfusion syndrome treated by selective fetoscopic laser occlusion of chorionic plate anastomoses <i>J. Stirnemann; S. Chevret; L. Bussièrès; Y. Ville (France)</i>	OC119
15:20	Vascular limb occlusion in severe twin-twin transfusion syndrome (TTTS) <i>G. Ryan<sup>1</sup>; K. Hecher<sup>2</sup>; R. Quintero<sup>3</sup>; K. Moise<sup>4</sup>; C. Schneider<sup>5</sup>; A. Huber<sup>6</sup>; J. Allbert<sup>7</sup>; I. Suchet<sup>8</sup>; P.G. Seaward<sup>9</sup>; R. Windrim<sup>10</sup>; F. Alkazaleh<sup>11</sup> (Canada); <sup>2</sup>(Germany); <sup>3</sup>(USA); <sup>4</sup>(Jordan)</i>	OC120
15:25	Discussion	

## 14:00–15:30 Scanning asymptomatic women

PDA Basement

	<i>Chairs: T. Bourne (UK); L. Valentin (Sweden)</i>	
14:00	The role of ultrasound as a primary and secondary test in ovarian cancer screening for asymptomatic postmenopausal women <i>I. Jacobs (UK)</i>	

# Program – Tuesday 9 October 2007

14:20	The relevance of loculated fluid and para-ovarian lesions <i>L. Savelli (Italy)</i>	
14:35	Unilocular simple cysts – can we achieve a consensus on how to manage them? <i>L. Valentin (Sweden)</i>	
14:50	Endometrial polyps: a frequent diagnosis at sonohysterography – do they cause abnormal uterine bleeding? <i>E. Dreisler; S. Stampe Sorensen (Denmark)</i>	OC121
15:00	Clinical relevance of asymptomatic polyps in post menopausal women <i>F. Leone (Italy)</i>	
15:15	Congenital uterine abnormalities <i>D. Jurkovic (UK)</i>	

## 16:00–16:30 Coffee and poster viewing

## 16:30–17:30 The 16 weeks' scan (\*sponsored by Toshiba) PDC Auditorium

	<i>Chairs: C. Bilardo (Netherlands); A. Ngu (Australia)</i>
16:30	Live scan demonstration <i>D. Nyberg (USA)</i>
16:50	Debate In favour and against the 16 weeks' scan In favour: <i>B. Benacerraf (USA)</i> Against: <i>I. Timor-Tritsch (USA)</i>
17:20	Discussion

## 16:30–17:15 Diagnostic invasive procedures PDA 2nd Floor

	<i>Chairs: Z. Alfirevic (UK), G. DeVore (USA)</i>	
16:30	Techniques for chorionic villous sampling and amniocentesis: a survey of practice from specialist centres within the UK <i>A. Carlin (UK); Z. Alfirevic (UK)</i>	OC122
16:35	Another look at fetal loss rate (FLR) following second trimester genetic amniocentesis (AMNIO): a single centers' 16 year-experience <i>A. Odibo; D. Gray; J. Dicke; K. Martin; D. Stamilio; G. Macones (USA)</i>	OC123
16:40	What are the true added risks of amniocentesis and chorionic villous sampling? <i>F. Mujezinovic<sup>1</sup>; Z. Alfirevic<sup>2</sup></i> <sup>1</sup> (Slovenia); <sup>2</sup> (UK)	OC124
16:45	Discussion	
16:55	Genetic Ultrasound: 99% detection rate for trisomies 13, 18 and 21 <i>G. DeVore (USA)</i>	OC125
17:00	Effectiveness of the integrated test in Down syndrome screening <i>P. Pandya; W. Huttly; P. Jones; N. Wald; C. Rodeck (UK)</i>	OC126
17:05	Discussion	

## 16:30–18:00 The menopausal endometrium PDA Basement

	<i>Chairs: E. Ferrazzi (Italy); M. Coccia (Italy)</i>	
16:30	Endometrial thickness and morphology in screening for endometrial cancer: data from 38,000 postmenopausal women in UKCTOCS <i>L. Jacobs (UK)</i>	
16:50	Assessing women with post menopausal bleeding <i>G. Scarselli (Italy)</i>	
17:10	Tamoxifen, SERMS and using ultrasound to tailor hormone therapy <i>S. Goldstein (USA)</i>	
17:20	Comparison of two-dimensional and three-dimensional hydrosonegography in women with postmenopausal bleeding <i>G. Opolskiene; P. Sladkevicius; L. Valentin (Sweden)</i>	OC127, OC128
17:25	Three-dimensional power Doppler angiography (3D-PDA) in women with postmenopausal bleeding and thickened endometrium <i>R. Galván; C. Laparte; M. García-Manero; J. Mazaira; J. Alcazar (Spain)</i>	OC129
17:30	What is the recurrence rate of postmenopausal bleeding in women who have a thin endometrium during a first episode of postmenopausal bleeding? <i>A. Timmermans; H. Van Doorn; B. Opmeer; B. Mol (Netherlands)</i>	OC130
17:35	Pre-operative local-regional staging of endometrial cancer: transvaginal sonography vs. Magnetic Resonance Imaging <i>L. Savelli; M. Ceccarini; M. Ludovisi; E. Fruscella; P. De Iaco; E. Salizzoni; M. Mabrouk; M. Manfredi; A. Testa; G. Ferrandina (Italy)</i>	OC131

# Program – Tuesday 9 October 2007

- 17:40 Correlation of sonographic characteristics and pathomorphological findings in cases of early-stage Cervical Cancer: OC132  
preliminary results  
*A. Gaurilcikas<sup>1</sup>; D. Vaitkiene<sup>1</sup>; A.C. Testa<sup>2</sup>; R. Maciuleviciene<sup>1</sup>; S. Kajenas<sup>1</sup>; A. Cizauskas<sup>1</sup>; D. Simanaviciute<sup>1</sup>;  
E. Svedas<sup>1</sup>; R. Nadisauskiene<sup>1</sup>; A. Inciura<sup>1</sup>; K. Levisauskas<sup>1</sup>*  
<sup>1</sup>(Lithuania); <sup>2</sup>(Italy)
- 17:50 Discussion

19:30

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# Posters – Tuesday 9 October 2007

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## Oral poster presentations – sponsored by MEDISON

Discussion groups for oral posters: 10:00–10:45

Viewing available all day

Abstract no.

### OP08: Fetal biometry

PDA 1.A

Chairs: S. Eik-Nes (Norway); T. Todros (Italy)

Predicting remaining time of pregnancy – a new population-based approach for the prediction of day of delivery based on Femur length <i>S. Eik-Nes (Norway)</i>	OP08.01
A new population based term prediction method – evaluation of the BPD-based predictions <i>I. Økland (Norway)</i>	OP08.02
Accuracy of first trimester fetal biometry to predict gestational age and due date <i>L. Salomon (France)</i>	OP08.03
Fetal age assessment based on ultrasound in the second trimester and the effect of ethnic morphometric differences in Cameroon <i>S. Johnsen (Norway)</i>	OP08.04
Prospective validation of fractional arm volume for fetal weight estimation <i>W. Lee (United States)</i>	OP08.05
Do soft tissue parameters improve weight estimation for fetal macrosomia? <i>W. Lee (United States)</i>	OP08.06
New specific ultrasound-based weight formula for fetuses with abdominal wall defects <i>J. Siemer (Germany)</i>	OP08.07
Cumulative sum (CUSUM) charts and tests: a simple method to assess the quality of fetal biometry <i>L. Salomon (France)</i>	OP08.08
Z-scores distribution: a useful tool to compare biometry between operators in a routine ultrasound population <i>F. Fuchs (France)</i>	OP08.09
Use of prenatal growth velocity charts to detect small for gestational age fetuses <i>V. Ciriminna (Italy)</i>	OP08.10
Placental volume measurement by 3D-ultrasound in the first trimester and prediction of fetal growth restriction <i>B. Meurer (Germany)</i>	OP08.11
Three-dimensional ultrasound measurement of the placental volume in early pregnancy: preliminary results <i>P. Nowak (Brazil)</i>	OP08.12
Is velamentous insertion of the umbilical cord in singleton pregnancies associated with low birth weight and intrauterine growth restriction? <i>M. Kfir (United States)</i>	OP08.13
Fetal sonographic renal angiography: variations of the origin of renal arteries <i>S. Degani (Israel)</i>	OP08.14

### OP09: The second trimester malformation scan and anomalies of the face and abdomen

PDA 3.B

Chairs: A. Gagnon (Canada); A. Abuhamad (USA)

Do those with high BMI require more scans to complete anatomy evaluation? <i>P. Glanc (Canada)</i>	OP09.01
Basic training in obstetric ultrasound – requirements, access and the trainees' experience <i>S. Whitten (United Kingdom)</i>	OP09.02
A comparison of 2D and 3D-multiplanar ultrasound in the evaluation of the fetal profile <i>E. de Jong-Pleij (Netherlands)</i>	OP09.03
Lip and cleft palate: a comparison between ultrasonographic three dimensional multiplanar technique and multislice technique <i>G. Nazzaro (Italy)</i>	OP09.04
The fetal soft palate: not a nowhere land on 3D ultrasound <i>H. Wong (New Zealand)</i>	OP09.05
Ultrasonographic evaluation of prenatal fetal facial anatomy: prenatal ultrasonographic evaluation of fetal facial anatomy and fetal facial malformations <i>S. Li (China)</i>	OP09.06
Ultrasonographic features of various fetal facial malformations in vitro study <i>S. Li (China)</i>	OP09.07
Fetal oesophagus: could the space between trachea and aorta be used in routine? <i>J. Develay-Morice (France)</i>	OP09.08
Contribution of Doppler ultrasound to the study of fetal tracheal fluid flow <i>G. Grange (France)</i>	OP09.09
Antenatal ultrasound predictors of outcomes for gastroschisis <i>K. Pflieger (United States)</i>	OP09.10
Intra-abdominal bowel dilatation in fetuses with gastroschisis is associated with bowel atresia or intestinal complications <i>R. Axt-Fliedner (Germany)</i>	OP09.11
Incidence and types of fetal congenital malformations in women with type 1 and type 2 diabetes in pregnancy in a large multi-ethnic UK region <i>N. Shah (United Kingdom)</i>	OP09.12

# Posters – Tuesday 9 October 2007

## OP10 – Twins I

Chairs: A. Baschat (USA); B. D'Addario (Italy)

	Abstract no.
Umbilical vein volume flow imbalance between twins in TTTS is not seen in normal monochorionic pregnancies <i>M. Yamamoto (Chile)</i>	OP10.01
The CHOP Cardiovascular Score: a method for quantification of cardiovascular abnormality in the Twin-Twin Transfusion Syndrome <i>J. Rychik (United States)</i>	OP10.02
Fetal cardiac function at different stages of severity in twin to twin transfusion syndrome <i>E. Antolin (Spain)</i>	OP10.03
Outcomes in a cohort of patients with stage 1 twin-to-twin transfusion syndrome <i>M. Bebbington (United States)</i>	OP10.04
Ultrasonographic evidence of brain lesion in surviving monochorionic twin after in utero death of co-twin <i>M. Lanna (Italy)</i>	OP10.05
Prenatal imaging and neurological follow up in the survivors of monochorionic twin pregnancies with a single intrauterine death <i>A. Fichera (Italy)</i>	OP10.06
Longer term neurodevelopmental outcome in preterm growth restricted twins with and without absent or reversal of end diastolic flow (AREDF) in the umbilical artery <i>E. Gaziano (United States)</i>	OP10.07
Association of chorionicity and pregnancy-associated plasma protein A with neonatal outcome in twin pregnancies <i>M. Piccoli (Italy)</i>	OP10.08
Management and outcome of monochorionic twin pregnancies in a unit offering amnioreduction <i>J. Connor (United Kingdom)</i>	OP10.09
The CHOP cardiovascular score for twin-to-twin transfusion: the effect of treatment with selective laser ablation <i>M. Bebbington (United States)</i>	OP10.10
Polish experience with fetoscopic laser surgery for TTTS <i>D. Borowski (Poland)</i>	OP10.11
Fetoscopic laser surgery: Istanbul experience <i>R. Has (Turkey)</i>	OP10.12
Placental discordance before selective laser ablation as a predictor of perinatal outcome and birth weight discordance in twin-twin transfusion syndrome (TTTS) <i>J. Keunen (Canada)</i>	OP10.13
Laser therapy of twin-to-twin-transfusion syndrome in triplet pregnancies <i>A. Diemer (Germany)</i>	OP10.14

## OP11 – Fertility, pelvic pain and endometriosis

Chairs: N. Raine-Fenning (UK); F. Ubaldi (Italy)

Presentation: PDA Basement

Viewing: PDC 1.01

Diagnosis of uterine congenital anomalies: 3D transvaginal sonography versus 2D-3D saline infusion sonohysterography <i>M. Ceccarini (Italy)</i>	OP11.01
The sonographic evaluation of subendometrial wave-like activity in patients with endometritis <i>V. Pinto (Italy)</i>	OP11.02
The prevalence of ultrasonic polycystic ovarian morphology in women with endocrinopathies presented with hyperandrogenism and anovulation <i>R. Amster (Israel)</i>	OP11.03
Quantification of the effect of pituitary desensitization on 3D ultrasound predictors of ovarian response and treatment outcome in patients undergoing IVF <i>K. Jayaprakasan (United Kingdom)</i>	OP11.04
Three dimensional sonographic evaluation of septate uterus after hysteroscopic metroplasty: correlation with pregnancy outcome <i>N. Lazzarin (Italy)</i>	OP11.05
The role of Contrast-HyCoSy for tubal patency in an infertility program <i>C. Lanzani (Italy)</i>	OP11.06
Transvaginal sonographic mapping of pelvic adhesions in women with chronic pelvic pain <i>M. Romanini (Italy)</i>	OP11.07
Transvaginal Ultrasound versus Magnetic Resonance in the study of under-diagnosed endometriosis: adenomyosis and deep endometriosis <i>F. Rizzello (Italy)</i>	OP11.08
New ultrasound markers for the diagnosis of adenomyosis in infertile population <i>I. Aboujaoude (Lebanon)</i>	OP11.09
Laparoscopy in women with previous abdominal open surgery. Safety of the ultrasound preoperative evaluation of the subumbilical field <i>M. Romanini (Italy)</i>	OP11.10

## OP12: Fetal heart and 4D

Chairs: J. Carvalho (UK); B. Tutschek (Germany)

PDA 3.A

Examination of the fetal heart by four dimensional ultrasound with spatio-temporal image correlation: potential for second trimester screening of congenital heart disease <i>G. Rizzo (Italy)</i>	OP12.01
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# Posters – Tuesday 9 October 2007

	Abstract no.
Three and four dimensional ultrasound – a novel method for evaluating fetal cardiac anomalies <i>L. Gindes (Israel)</i>	OP12.02
The use of 3D ultrasound oblique technique in the detection of fetal heart long axis views <i>G. Nazzaro (Italy)</i>	OP12.03
A new algorithm for fetal cardiac scanning using volume reslicing modality (3D extended imaging) and spatio-temporal image correlation (STIC) <i>R. Bataeva (Russian Federation)</i>	OP12.04
Automated software for the retrieval of diagnostic fetal cardiac ultrasound planes in the second trimester of pregnancy: standardization in 1 versus 3 planes <i>A. Abuhamad (United States)</i>	OP12.05
Fetal transposition of the great arteries assessed by STIC in combination with Tomographic Ultrasound Imaging (TUI) <i>R. Chaoui (Germany)</i>	OP12.06
Added value of 3D/4D modalities in the diagnosis and evaluation of fetal umbilical vein anomalies <i>S. Yagel (Israel)</i>	OP12.07
Cardiac examination with STIC (4 D Spatio-Temporal Image Correlation) <i>B. Puerto (Spain)</i>	OP12.08
The value of the sagittal view of the "Ductal Arch Plane" in the prenatal diagnosis and counseling of Conotruncal Anomalies using 4D ultrasonography <i>J. Espinoza (United States)</i>	OP12.09
Stenting of the atrial septum in fetal lambs <i>E. Jaeggi (Canada)</i>	OP12.10
Imaging of the fetal heart in thoracopagus twins <i>Z. Tian (United States)</i>	OP12.11
Accuracy of transabdominal fetal echocardiography prior to 16 weeks in fetuses at risk for congenital heart defects <i>T. Ghi (Italy)</i>	OP12.12
Diagnosis of congenital heart disease at 11–14 weeks in fetuses with normal karyotype <i>J. Martinez (Spain)</i>	OP12.13
Screening for congenital heart disease (CHD) at 20–24 weeks: a five year experience <i>M. Piccoli (Italy)</i>	OP12.14

## OP13: Fetal Neurosonography

PDC G.Onice

Chairs: <i>D. Nyberg (USA); P. Volpe (Italy)</i>	
3DUS of the fetal vermis at 19 to 30 weeks of gestation – normal length and time of appearance of the primary fissure <i>L. Gindes (Israel)</i>	OP13.01
The normal development of the anterior fontanel in the fetus. A prospective cross-sectional three-dimensional study <i>D. Paladini (Italy)</i>	OP13.02
Prenatal findings and outcome of open and closed spina bifida (SB): analysis of 164 cases <i>L. Masini (Italy)</i>	OP13.03
Accuracy of six sonographic signs in the prenatal diagnosis of spina bifida <i>V. D'Addario (Italy)</i>	OP13.04
Interactive Image Segmentation and semi automated template-based system for volume calculation on fetal cerebral structures based on 3D Ultrasound <i>J. Bello-Munoz (Spain)</i>	OP13.05
Fetal borderline cerebral lateral ventriculomegaly: a retrospective analysis of 74 cases <i>S. Boito (Italy)</i>	OP13.06
How does MR add to the diagnostic capability of sonography in the evaluation of fetuses with ventriculomegaly <i>B. Benacerraf (United States)</i>	OP13.07
Corpus callosum abnormalities: 2D, 3D ultrasound and MRI <i>M. Signorelli (Italy)</i>	OP13.08
Pulsed wave doppler of the middle cerebral artery in fetal brain abnormalities <i>L. Pistorius (Netherlands)</i>	OP13.09
Onset of Fetal Akinesia Deformation Sequence (FADS) in women with recurrent FADS <i>J. de Vries (Netherlands)</i>	OP13.10
The ultrasonographic screening of CNS defects of the fetus of 11–14 weeks of pregnancy in an unselected population in the Republic of Daghestan <i>M. Esetov (Russian Federation)</i>	OP13.11
Fetal behavior assessed during second half of normal pregnancy by four-dimensional ultrasonography in Korea <i>Y. Jo (Republic of Korea)</i>	OP13.12
Ultrasonography and MRI for the evaluation of pre and postnatal CNS pathology: our casistic <i>F. Taddei (Italy)</i>	OP13.13

Abstract no.

## Posters (view only)

Posters are available for viewing all day

### P33: Fetal skeleton

Fetal thoracic skeleton: evaluation by 3D ultrasound <i>E. Viora (Italy)</i>	<b>PDC G.04</b> P33.01
Fetal clavicle length: an Asian nomogram <i>A. Kuah (Singapore)</i>	P33.02
Prenatal diagnosis of clubfoot. Associated anomalies and long-term outcome <i>M. Canto (Spain)</i>	P33.03
Prenatal diagnosis of mirror-polydactyly of the feet <i>E. Pajkrt (Netherlands)</i>	P33.04
Study of the fetal bony pelvis by computed tomography in bladder exstrophy: about one case <i>G. Chambon (France)</i>	P33.05
In utero spontaneous resolution of a marked femur angulation <i>A. Viegas (Spain)</i>	P33.06
Congenital Genu Recurvatum with dislocation of the knees: a case report <i>L. Mandia (Italy)</i>	P33.07
Crossed polydactyly prenatally diagnosed by 2- and 3-dimensional sonography <i>H. Choi (Republic of Korea)</i>	P33.08
3D ultrasound, MRI and molecular diagnosis of Thanatophoric Dysplasia type I <i>K. Kim Sa Jin (Republic of Korea)</i>	P33.09
Thanatophoric dysplasia type 2 with encephalocele during the second trimester – correlation with autopsy <i>G. Chambon (France)</i>	P33.10
Prenatal diagnosis of a rare skeletal dysplasia by ultrasound and scan tomography: atelosteogenesis III (AO III). Correlation with autopsy <i>G. Chambon (France)</i>	P33.11
Prenatal sonographic diagnosis of Atelosteogenesis type 1 <i>M. Basbug (Turkey)</i>	P33.12
Prenatal diagnosis of VACTERL Syndrome by 3D/4D maximum render mode in second trimester ultrasound screening <i>L. Di Luzio (Italy)</i>	P33.13
Prenatal sonographic diagnosis of fetal scoliosis. Case report <i>G. Nazzaro (Italy)</i>	P33.14
Prenatal diagnosis of Larsen Syndrome by 2D- and 3D/4D-ultrasound <i>M. Brauer (Germany)</i>	P33.15

### P34: Biometry, umbilical cord and placenta

Sonographic estimation of fetal weight using thoracic circumference (TC) in cases of fetal abdominal wall defect or fetal ascites <i>H. Lee (Republic of Korea)</i>	<b>PDA 1.A</b> P34.01
Macrosomia: a new formula for optimized fetal weight estimation <i>N. Hart (Germany)</i>	P34.02
New formulae for estimating fetal weight for specific birth weight groups <i>J. Siemer (Germany)</i>	P34.03
Second trimester prediction of birth weight using individualized growth assessment <i>W. Lee (United States)</i>	P34.04
Customized standards of estimated fetal weight as predictor of adverse perinatal outcome <i>A. Iraola (Spain)</i>	P34.05
Predicting adverse neonatal outcome in severe fetal compromise: a pivotal role for estimated fetal weight Z score <i>R. Moreira de Sa (Brazil)</i>	P34.06
Ultrasound parameters of umbilical cord - reference values for normal pregnancy <i>M. Pietryga (Poland)</i>	P34.07
Three-dimensional power Doppler evaluation of multiple nuchal cord loops causing severe intrauterine growth restriction <i>D. Valsky (Israel)</i>	P34.08
Prenatal diagnosis and management of vasa previa; a 5 year review <i>E. Kanda (Japan)</i>	P34.09
Umbilical artery thrombosis leading to fetal growth restriction <i>P. Klaritsch (Austria)</i>	P34.10
Multiple placental infarcts: correlation between prenatal ultrasound images and pathologic examination <i>A. Tenore (Italy)</i>	P34.11
Persistent placental maternal blood flow visualized with Levovist™ in a case of dead fetus syndrome <i>D. Tachibana (Japan)</i>	P34.12
Chorioangioma of the placenta-two cases report <i>A. Simionescu (Romania)</i>	P34.13

# Posters – Tuesday 9 October 2007

Abstract no.

## P35: Fertility, pelvic pain and endometriosis

- Mesothelial cystic inclusion in Mullerian septum of the uterus: aetiopathogenesis and evolution in pregnancy  
*L. Montanari (Italy)* **PDC 1.01** P35.01
- Arteriovenous malformation of the uterus: successful pregnancy after medical treatment  
*L. Montanari (Italy)* P35.02
- Hydrocolposonography in the diagnosis of a transverse vaginal septum in a 37 weeks pregnant woman  
*M. Yamamoto (Chile)* P35.03
- Polycystic ovary diagnosis with vocal™ and inverted mode 3D ultrasonography  
*L. Hereter (Spain)* P35.04

## P36: Twins

- Assessment of blood flow and the prediction of recipient death in TTTS  
*M. Ropacka (Poland)* **PDA 2.B** P36.01
- Transitory changes in middle cerebral artery peak systolic velocity of the recipient twins after fetoscopic laser photocoagulation for twin-twin transfusion syndrome  
*K. Ishii (Japan)* P36.02
- Successful treatment for reversal of twin-twin transfusion syndrome by fetoscopic laser photocoagulation of placental communicating vessels  
*M. Sumie (Japan)* P36.03
- Monozygotic twins discordant for cystic hygroma and karyotype: a case report  
*M. Lee (Republic of Korea)* P36.04
- Twin-to-twin transfusion syndrome: a case of hydrops of the recipient after massive amnioreduction in the third trimester  
*L. Pasquini (Italy)* P36.05
- The implication of bilateral hyperechogenic enlargement of kidney for surviving twin after intrauterine death of one monochorionic twin: a case report  
*S. Kim (Republic of Korea)* P36.06
- Thoraco-omphalopagous conjoined twins: a case report using three-dimension sonoangiography to assist the diagnosis and determine the possibilities of successful postnatal separation  
*T. Wataganara (Thailand)* P36.07
- Acephalus acardiac fetus presenting at the third trimester scan as a small complex cystic mass  
*L. Di Luzio (Italy)* P36.08
- A rare case of late second trimester presentation of bilateral ovarian abscess causing ileus in twin pregnancy after oocyte retrieval for IVF  
*M. Veneziano (Italy)* P36.09

## P37: Fetal neurosonography I

- Cerebellum volume measurements: VOCAL or multiplane?  
*L. Pistorius (Netherlands)* **PDC G.05** P37.01
- The validity of 3D, 4D ultrasound technique for evaluation of enlarged cisterna magna compared fetal magnetic resonance imaging and 2D ultrasonography  
*Y. Kim (Republic of Korea)* P37.02
- Fetal cerebellar volume measurement using conventional multiplanar 3D and VOCAL rotational technique  
*G. Nazzaro (Italy)* P37.03
- Prenatal sonographic findings in rhombencephalosynapsis before 24 weeks' gestation  
*D. Pugash (Canada)* P37.04
- Prenatally diagnosed posterior fossa abnormalities: a fifteen year review  
*E. Peregrine (United Kingdom)* P37.05
- Subdural space in fetal period – normal variation?  
*R. Pooh (Japan)* P37.06
- Comparison between trans-abdominal multiplanar V-Mode vs. B-Mode in mid- sagittal scanning of the abnormal fetal brain  
*E. Varvarigos (Italy)* P37.07
- Case report: prenatal diagnosis and postnatal course of a fetus with choroid plexus papilloma  
*R. Axt-Fliedner (Germany)* P37.08
- Dural sinus malformation involving the torcular: prenatal diagnosis with ultrasound and magnetic resonance imaging  
*K. Fong (Canada)* P37.09
- Imaging the fetal septum pellucidum and fornix at 16 to 37 weeks of gestation  
*D. Jackson (United States)* P37.10
- Ultrasound fetal motor activity in CNS malformation: a reappraisal  
*A. D'Elia (Italy)* P37.11
- The clinical significance of prenatally diagnosed brain cysts  
*E. Peregrine (United Kingdom)* P37.12
- Isolated unilateral cerebellar hypoplasia – a case report  
*C. McKenna (United Kingdom)* P37.13

Abstract no.

## P38: Fetal neurosonography II

- Prenatal diagnosis of benign familial fetal macrocephaly  
*S. Saleh-Gargari (Islamic Republic of Iran)* P38.01
- Aqueductal stenosis caused by fetal intracranial hemorrhage and leptomeningeal infection: two unusual cases of third trimester ventriculomegaly  
*H. Bodur (Turkey)* P38.02
- Prenatal diagnosis of a fetal epidural hematoma using 3D ultrasound and magnetic resonance imaging  
*M. Muench (United States)* P38.03
- Indirect sonographic signs of fetal intracranial arteriovenous malformation  
*F. Strigini (Italy)* P38.04
- Prenatally diagnosed fetal brain tumor  
*R. Gerychova (Czech Republic)* P38.05
- Prenatal diagnosis of Chiari III malformation: do not confuse with anencephaly  
*J. Davies (United States)* P38.06
- Importance of sulcation evaluation in a case of unilateral ventriculomegaly at 21 weeks' gestation  
*C. Celentano (Italy)* P38.07
- Microcephaly with simplified gyral pattern: the value of ultrasound and fetal MRI on management  
*A. Lembet (Turkey)* P38.08
- Prenatal diagnosis of intracranial calcifications  
*M. Echevarria (Spain)* P38.09
- A case of meckel – gruber syndrome diagnosed by ultrasonography at 14 weeks' gestation  
*S. Shin (Republic of Korea)* P38.10
- Prenatal diagnosis of multicystic encephalomalacia  
*J. Wu (Taiwan)* P38.11
- Two cases of Arachnoid cyst of prenatal diagnosis  
*S. Lee (Republic of Korea)* P38.12
- Fetal optic chiasm measurements: reference range at 22–36 weeks of gestation  
*J. Bault (France)* P38.13
- Corpus callosum: comparison between bidimensional and volumetric ultrasound  
*M. Signorelli (Italy)* P38.14

## P39: Fetal echocardiography and CHD II

- Fetal cardiac tumor: prenatal diagnosis and postnatal outcome  
*K. Nam (Republic of Korea)* P39.01
- Fetal echocardiography in ovarian cysts  
*M. Respondek-Liberska (Poland)* P39.02
- Spectrum and outcomes of pregnancies with extra-cardiac malformations in conjunction with fetal cardiac abnormalities  
*A. Reddy (United Kingdom)* P39.04
- How to achieve accurate prenatal diagnosis of fetal cardiac anomalies?  
*Y. Kotani (Japan)* P39.05
- Management of fetal cardiac abnormalities encountered in rural perinatal consultation  
*J. Davies (United States)* P39.06
- Trends in pregnancy termination rate, perinatal mortality and 1-year mortality rate of prenatally diagnosed fetal congenital heart disease in Korea: An 11-year review, 1995–2005  
*Y. Park (Republic of Korea)* P39.07
- Double-outlet right ventricle: prenatal diagnosis and fetal outcome  
*A. Gedikbasi (Turkey)* P39.08
- Fetal aortic incompetence due to a missing aortic valve leaflet diagnosed in a fetus with increased nuchal translucency  
*S. Clur (Netherlands)* P39.09
- Antenatal diagnosis of aneurysms of the ductus arteriosus and postnatal confirmation by Angio-CT  
*M. Yamamoto (Chile)* P39.10
- Signs of cardiac overload: a hint to look for angiomatous malformations  
*H. Delier (Turkey)* P39.11
- Giant sacrococcygeal teratoma with normal cardiac function  
*I. Bianchi (United States)* P39.12
- Can the hyperoxygenation test predict neonatal pulmonary function after preterm birth?  
*D. Wood (United States)* P39.13
- The ductus venosus is responsive to maternal hyperoxygenation in fetuses with severe growth restriction  
*D. Wood (United States)* P39.14
- The hyperoxygenation test shows persistent pulmonary vasoconstriction in fetuses with severe growth restriction  
*R. Zanarotti (Italy)* P39.15

PDA 3.A

# Program – Wednesday 10 October 2007

<b>09:00–17:00 GE satellite education area<sup>^</sup></b>		<b>PDC 2. Sala Verde</b>
Detailed program page 70		
<b>09:00–17:00 Philips satellite education area<sup>^</sup></b>		<b>PDA 3.02</b>
Detailed program page 70		
<b>08:30–10:00 Fetal echocardiography: CHD (*sponsored by GE)</b>		<b>PDC Auditorium</b>
Chairs: <i>S. Yagel (Israel); D. Paladini (Italy)</i>		
08:30	Live scan demonstration <i>R. Chaoui (Germany)</i>	
08:50	Tips and tricks <i>D. Paladini (Italy)</i>	
09:05	Overview <i>A. Abuhamad (USA)</i>	
09:20	The impact of prenatal diagnosis on parental understanding of congenital heart disease <i>I. Williams; A. Prakash; S. Levasseur; R. Shaw; C. Kleinman; J. Glickstein (USA)</i>	OC133
09:25	Discussion	
09:28	Anatomy, association and outcome of prenatally detected Double Outlet Right Ventricle <i>D. Paladini; G. Sglavo; V. De Robertis; G. Pastore; P. Volpe (Italy)</i>	OC134
09:33	Ultrasound cardiac and extracardiac findings in fetuses with del 22q11 <i>R. Chaoui; G. Thiel; K. Heling (Germany)</i>	OC135
09:38	Discussion	
09:43	Power Doppler echocardiography makes it possible to visualise the aortic coarctation 'shelf' in the fetus <i>J. Carvalho (UK)</i>	OC136
09:48	Outcome of fetuses with suspected aortic coarctation <i>A. Perolo; D. Prandstraller; F. Picchio; N. Rizzo; G. Pilu (Italy)</i>	OC137
09:53	Discussion	
<b>08:30–10:00 Ultrasound and preterm labour</b>		<b>PDA 2nd Floor</b>
Chairs: <i>T. Ghi (Italy); J. Espinoza (USA)</i>		
08:30	Overview <i>J. Espinoza (USA)</i>	
08:45	The combination of short cervical length and pHGFBP-1 in the prediction of preterm delivery <i>L. Danti; S. Gabanelli; C. Barbieri; A. Testori; S. Corini; F. Prefumo; A. Lojaco (Italy)</i>	OC138
08:50	Predicting preterm delivery: cervical volume vs cervical length <i>M. Mancuso; N. Lazebnik; H. Gibbons (USA)</i>	OC139
08:55	Assessing the risk of spontaneous preterm birth using ultrasonic cervical length measurement and maternal characteristics <i>G. Smith; E. Celik; M. To; E. Fonesca; K. Nicolaidis (UK)</i>	OC140
09:00	Prediction of spontaneous preterm delivery in twin pregnancies by cervical length at mid-gestation <i>K. Klein; H. Gregor; K. Hirtenlehner-Ferber; M. Stammli-Safar; A. Witt; A. Hanslik; P. Husslein; E. Krampfl (Austria)</i>	OC141
09:05	Time-to-delivery in relation to the cervical length and perfusion in pregnancies with threatened preterm labour or premature rupture of the membranes <i>A. Jerullo; M. Palacio; S. Fernandez; E. Hernandez-Andrade; E. Gratacós (Spain)</i>	OC142
09:10	Discussion	
09:25	Proteomic analysis of midtrimester amniotic fluid for identification of subclinical intra-amniotic inflammation followed by preterm birth <i>C. Bamberg<sup>1</sup>; A. Thomas<sup>1</sup>; G. Schaller<sup>1</sup>; R. Bollmann<sup>1</sup>; J. Dudenhausen<sup>1</sup>; K. Kalache<sup>2</sup> (Germany); <sup>2</sup>(UK)</i>	OC143
09:30	Clinical significance of the presence of amniotic fluid "sludge" in patients with cervical cerclage <i>J. Kusanovic; R. Romero; J. Espinoza; L. Goncalves; F. Gotsch; N. Camacho; W. Lee; O. Erez; M. Schoen; S. Hassan (USA)</i>	OC144
09:35	Discussion	
09:40	Assessment of fetal lung maturation with 3D ultrasound using VOCAL and ultrasonic tissue characterization with volume histogram technique <i>Y. Baytur; B. Coban; N. Tansug; M. Miskioglu (Turkey)</i>	OC145
09:45	Ultrasonographic and hormonal evaluation of maternal-fetal thyroid status in normal pregnancy and premature birth in women with or without iodine deficiency disorders <i>V. Varlas; D. Pelinescu (Romania)</i>	OC146
09:50	Discussion	

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# Program – Wednesday 10 October 2007

## 08:30–10:00 Abnormal uterine bleeding and menorrhagia PDA Basement

	<i>Chairs: E. Epstein (Sweden); I. Manyonda (UK)</i>	
08:30	Assessing abnormal uterine bleeding using ultrasound <i>E. Epstein (Sweden)</i>	
08:50	Myomectomy or embolisation for fibroids <i>I. Manyonda (UK)</i>	
09:10	Mathematical decision trees versus clinician based algorithms in the diagnosis of endometrial disease <i>T. Van den Bosch; A. Daemen; O. Gevaert; D. Timmerman (Belgium)</i>	OC147
09:15	Adenomyosis: sonographic findings before and after insertion of levonorgestrel intrauterine system <i>A. Amadio; C. Exacoustos; C. Amoroso; B. Szabolcs; E. Vaquero; M. Romanini; E. Zupi; D. Arduini (Italy)</i>	OC148
09:20	Gel-instillation hydrosonegography in the evaluation of the uterine cavity <i>T. Van den Bosch; E. Domali; V. Vandembroucke; J. Deprest; D. Timmerman; D. Van Schoubroeck (Belgium)</i>	OC149, OC150
09:30	The added value of the 3D reconstructed coronal view of the uterus in patients undergoing 2D pelvic sonography <i>B. Benacerraf; T. Shipp; B. Bromley (USA)</i>	OC151
09:35	Uterine adenomyosis at 3D-transvaginal sonography by VCI analysis <i>F. Leone; C. Marcianite; A. Crepaldi; T. Bignardi; E. Ferrazzi (Italy)</i>	OC152
09:40	Discussion	

## 10:00–10:45 Chaired oral poster discussions (# sponsored by Medison)

<b>OP14: Uterine artery Doppler</b>	<i>Chairs: A. Baschat (USA); T. Frusca (Italy)</i>	PDC G.Onice
<b>OP15: Twins II</b>	<i>Chairs: E. Gratacós (Spain); J. Deprest (Belgium)</i>	PDA 2.B
<b>OP16: Ovarian masses</b>	<i>Chairs: D. Timmerman (Belgium); J. Alcázar (Spain)</i>	PDC 1.04
<b>OP17: Endometrium and abnormal bleeding</b>	<i>Chairs: E. Ferrazzi (Italy); T. Van Den Bosch (Belgium)</i>	Presentation: PDA Basement Viewing: PDC 1.01
<b>OP18: Fetal cardiac function</b>	<i>Chairs: B. Tutschek (Germany); G. Rizzo (Italy)</i>	PDA 3.A
<b>OP19: Preterm delivery</b>	<i>Chairs: N. Rizzo (Italy); M. Fontanarosa (Italy)</i>	PDA 1.A

### Poster viewing is available all day for OP sessions as listed above and:

P40: Fetal face and thorax	PDC G.04
P41: Uterine artery Doppler	PDC G.05
P42: Endometrium and abnormal bleeding	PDC 1.01
P43: Ovarian masses	PDC 1.05
P44: Chromosomal abnormalities and syndromes	PDA 1.A
P45: Fetal echocardiology and CHD III	PDA 3.A

## 10:30–11:15 Coffee and poster viewing

## 11:15–12:30 Fetal echocardiography: 4D and function PDC Auditorium

	<i>Chairs: D. Arduini (Italy); W. Lee (USA)</i>	
11:15	Fetal cardiac volumes calculated from reconstructed and from live 3D echo <i>B. Tutschek<sup>1</sup>; L. Hui<sup>2</sup>; P. Robertson<sup>2</sup>; M. Schaal<sup>2</sup>; M. Minette<sup>2</sup>; D. Sahn<sup>2</sup></i> <sup>1</sup> (Germany); <sup>2</sup> (USA)	OC169
11:20	STIC acquisition combined with inversion mode and VOCAL for quantification of fetal heart ventricle mass in normal fetuses in the 2nd and 3rd trimesters <i>B. Messing; S. Cohen; D. Valsky; D. Rosenak; S. Yagel (Israel)</i>	OC171
11:25	Discussion	
11:30	Automated retrieval of standard diagnostic fetal cardiac ultrasound planes in the second trimester of pregnancy: a prospective evaluation of the software <i>A. Abuhamad<sup>1</sup>; P. Falkensammer<sup>2</sup>; Y. Zhao<sup>1</sup></i> <sup>1</sup> (USA); <sup>2</sup> (Austria)	OC172
11:35	Global Ventricular Performance: a new parameter of fetal cardiac function using Velocity Vector Imaging™ <i>W. Lee; A. Doreswamy; C.H. Comstock; R. Bronsteen; N. Cutler; H. Houle (USA)</i>	OC173
11:40	Discussion	
11:45	The area behind the heart in the four chamber view and the quest for congenital heart defects <i>C. Berg; M. Georgiadis; A. Geipel; U. Gembruch (Germany)</i>	OC174
11:50	Cardiovascular transition to extrauterine life in fetal growth restriction (FGR) <i>S. Turan; O. Turan; M. Salim; C. Harman; A. Baschat (USA)</i>	OC175
11:55	Discussion	

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12:00	Utility of serial echocardiographic assessment of atrio-ventricular (AV) conduction in fetuses at risk of immune-mediated heart block <i>R. Weber; M. Atiyah; E. Silvermann; C. Laskin; E. Jaeggi (Canada)</i>	OC176
12:05	Transplacental fetal treatment of isolated Complete Atrio-Ventricular Block (CAVB) with dexamethasone and beta-stimulation: 10-year results <i>E. Jaeggi; G. Ryan; E. Silverman (Canada)</i>	OC177
12:10	Can four dimensional ultrasound with spatio-temporal image correlation be used in the measurement of fetal aortic and pulmonary valve sizes in normal and abnormal hearts? <i>G. Rizzo; O. Cavicchioni; M. Vendola; A. Capponi; D. Arduini (Italy)</i>	OC170
12:15	Discussion	

## 11:15–12:30 Fetal neurosonology II PDA 2nd Floor

	<i>Chairs: G. Malinge (Israel); P. Volpe (Italy)</i>	
11:15	Multimodal diagnostic flowchart for prenatal characterization of CNS abnormalities in a tertiary referral center. The role of MRI. <i>D. Paladini; G. Sglavo; M. Quarantelli; M. Vassallo; C. Nappi (Italy)</i>	OC158
11:20	Three dimensional ultrasound in the examination of fetal head: its role in basic and advanced examination and the fetal brain during the second trimester <i>G. Rizzo; A. Capponi; O. Cavicchioni; M. Vendola; D. Arduini (Italy)</i>	OC159
11:25	Three dimensional ultrasonography is of limited value in diagnosing fetal spina bifida <i>A. Carletti; T. Ghi; M. Ceccarini; S. Gabrielli; A. Perolo; A. Farina; N. Rizzo; G. Pilu (Italy)</i>	OC160
11:30	Discussion	
11:38	Medullary venous system of fetal brain; high-frequency transvaginal bidirectional power Doppler study <i>R. Pooh; K. Pooh (Japan)</i>	OC161
11:43	Assessment of brain vascularization and blood flow in human fetus using quantitative three-dimensional power Doppler sonography <i>M. Oberto; P. Gaglioti; M. Mensa; G. Oggè; V. Ciriminna; M. Scatà; G. Panattoni; T. Todros (Italy)</i>	OC162
11:48	The relationships between three-dimensional power Doppler indexes of fetal cerebral circulation and haemoglobin concentration in non-anaemic fetuses <i>E. Moya; B. Hervias; J. Bartha (Spain)</i>	OC163
11:53	Discussion	
12:01	The role of targeted fetal ultrasound in women with acute toxoplasmosis in pregnancy <i>A. Agangi; R. Napolitano; G. Mallia Milanes; L. Mazzarelli; F. Quaglia; D. Paladini; P. Martinelli (Italy)</i>	OC164
12:06	The clinical value of a cross-sectional view of the fetal brain in screening for major brain malformations during 11–14 weeks <i>H. Wang (China)</i>	OC165
12:11	Differences in leg posture between fetuses in breech and cephalic pregnancies <i>B. Fong; G. Savelsbergh; J. De Vries (Netherlands)</i>	OC166
12:16	The assessment of the Sylvian Fissure Operculization (SFO) at between 22 to 32 weeks of gestation using both a subjective and an objective approach <i>E. Quarello; J. Stimmann; L. Guibaud; Y. Ville; M. Nassar (France)</i>	OC167, OC168
12:21	Discussion	

## 11:15–12:30 Lessons from the IOTA trial PDA Basement

	<i>Chairs: A. Czekirowski (Poland); D. Paladini (Italy)</i>	
11:15	Methodology of the IOTA trial <i>D. Timmerman (Belgium)</i>	
11:25	The ultrasound characteristics of metastatic tumours collected in the IOTA trial <i>A. Testa (Italy)</i>	
11:30	Can models help us with difficult to classify 'difficult' tumours? <i>L. Valentin (Sweden)</i>	
11:35	Does CA 125 help us to assess the risk of malignancy? <i>B. Van Calster (Belgium)</i>	
11:40	Logistic regression models to distinguish between benign, primary invasive, borderline malignant and metastatic ovarian tumors <i>B. Van Calster<sup>1</sup>; D. Timmerman<sup>1</sup>; L. Valentin<sup>2</sup>; A. Testa<sup>3</sup>; C. Van Holsbeke<sup>3</sup>; S. Van Huffel<sup>1</sup> (Belgium); <sup>2</sup>(Sweden); <sup>3</sup>(Italy)</i>	OC153
11:45	Accuracy of transvaginal ultrasound examination for assigning a specific diagnosis to adnexal masses <i>P. Sladkevicius<sup>1</sup>; A. Sokalska<sup>1</sup>; A. Testa<sup>2</sup>; D. Timmerman<sup>3</sup>; C. van Holsbeke<sup>3</sup>; F. Lecuru<sup>4</sup>; U. Metzger<sup>4</sup>; F. Leone<sup>2</sup>; L. Valentin<sup>1</sup> (Sweden); <sup>2</sup>(Italy); <sup>3</sup>(Belgium); <sup>4</sup>(France)</i>	OC154
11:50	The first prospective evaluation of the IOTA phase 1 mathematical models to predict the character of an adnexal mass <i>C. Van Holsbeke<sup>1</sup>; B. Van Calster<sup>1</sup>; L. Valentin<sup>2</sup>; A. Testa<sup>3</sup>; E. Domali<sup>1</sup>; C. Lu<sup>4</sup>; S. Van Huffel<sup>1</sup>; D. Timmerman<sup>1</sup> (Belgium); <sup>2</sup>(Sweden); <sup>3</sup>(Italy); <sup>4</sup>(UK)</i>	OC155

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11:55	CA-125 does not add to and is not superior to pattern recognition for discrimination between benign and malignant adnexal masses <i>L. Valentin<sup>1</sup>; D. Jurkovic<sup>2</sup>; B. Van Calster<sup>3</sup>; A. Testa<sup>4</sup>; C. Van Holsbeke<sup>3</sup>; T. Boume<sup>2</sup>; I. Vergote<sup>3</sup>; S. Van Huffel<sup>2</sup>; D. Timmerman<sup>3</sup></i> <sup>1</sup> (Sweden); <sup>2</sup> (UK); <sup>3</sup> (Belgium); <sup>4</sup> (Italy)	OC156
12:00	Optimizing variable selection and cost using a genetic algorithm for modelling adnexal masses with Bayesian networks <i>O. Gevaert; B. De Moor; D. Timmerman (Belgium)</i>	OC157
12:05	Discussion	

## 12:45–13:45 \*\*Medison satellite symposium PDC Auditorium

Science of 3D Diagnosis  
*W. Sepulveda (Chile)*  
Volume Analysis with 3D XI and STIC  
*R. Bataeva (Russia)*  
Art of Perfect 3D Images  
*K. Kalache (Germany)*

## 12:30–14:00 Lunch

## 14:00–15:30 The fetal face and 3D/4D ultrasound (\*sponsored by Medison) PDC Auditorium

	<i>Chairs: A. Papageorgiou (UK); V. D'Addario (Italy)</i>	
14:00	Live scan demonstration <i>W. Sepulveda (Chile)</i>	
14:20	Overview <i>D. Nyberg (USA)</i>	
14:35	Prenatal diagnosis of eyes abnormalities <i>M. Pietryga; M. Karolczak-Kulesza; A. Jankowiak; J. Brazert; J. Kociecki (Poland)</i>	OC178
14:40	Discussion	
14:43	The human palate: embryology review and 3D ultrasound-anatomical correlates before birth <i>G. Moscoso<sup>1</sup>; S. Campbell<sup>2</sup></i> <sup>1</sup> (Spain); <sup>2</sup> (UK)	OC179
14:48	Comparison between three different methods of scan to visualize the secondary fetal palate by three-dimensional ultrasonography <i>G. Centini; L. Rosignoli; E. Faldini; C. Voltolini; G. Tonni (Italy)</i>	OC180
14:53	Prenatal ultrasound detection of facial clefts: a prospective study of 49 314 deliveries in a non-selected population in Norway <i>K. Offerdal; N. Jebens; T. Syvertsen; H. Blaas; O. Johansen; S. Eik-Nes (Norway)</i>	OC181
14:58	Discussion	
15:03	Can prenatal ultrasound detect the effects of in utero alcohol exposure? <i>M. Kfir<sup>1</sup>; L. Yevtushok<sup>2</sup>; S. Onishchenko<sup>2</sup>; W. Wartecki<sup>1</sup>; L. Bakhireva<sup>1</sup>; C. Chambers<sup>1</sup>; K. Jones<sup>1</sup>; A. Hull<sup>1</sup></i> <sup>1</sup> (USA); <sup>2</sup> (Ukraine)	OC182
15:08	Discussion	
15:11	Can 3D tomographic parallel displays generate all the images required for a fetal ultrasound? <i>B. Benacerraf; B. Bromley; T. Shipp (USA)</i>	OC183
15:16	Fetal anatomy assessed by three-dimensional ultrasound at 11–13+6 weeks gestation, correlated with the 18–20 week scan and postnatal outcomes <i>D. Fauchon; R. Benzie; D. Wye (Australia)</i>	OC184
15:21	Three-dimensional extended imaging (3DXI) in the examination of fetal heart and brain at the routine second trimester ultrasound scan <i>D. Caffici<sup>1</sup>; A. Iglesias<sup>1</sup>; A. Wong<sup>2</sup>; W. Sepulveda<sup>2</sup></i> <sup>1</sup> (Argentina); <sup>2</sup> (Chile)	OC185
15:26	Discussion	

## 14:00–15:30 Ultrasound in the labour ward PDA 2nd Floor

	<i>H. Dietz (Australia); K. Nicolaidis (UK)</i>	
14:00	Overview <i>K. Nicolaidis (UK)</i>	
14:15	Cervical length at mid-gestation and the risk of primary caesarean section at term <i>G. Smith; E. Celik; M. To; O. Khouri; K. Nicolaidis (UK)</i>	OC186
14:20	Transvaginal sonographic cervix and lower uterine segment evaluation for medical induction of labor <i>N. Strobelt; S. Mariani; D. Consonni; P. Vergani; A. Biffi; S. Consonni (Italy)</i>	OC187
14:25	Discussion	

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14:30	Comparison of the learning curves of digital examination and transabdominal sonography for the diagnosis of fetal head position during labor <i>P. Rozenberg; R. Porcher; L. Salomon; F. Boirot; C. Morin; Y. Ville (France)</i>	OC188
14:35	Comparison of fetal head position assessment between ultrasound based LaborPro system and trans-vaginal digital examination during the active stage of labor <i>J. Nizard<sup>1</sup>; Y. Paltiel<sup>2</sup>; R. Gonen<sup>2</sup>; G. Ohef<sup>2</sup>; Y. Ville<sup>1</sup></i> <sup>1</sup> (France); <sup>2</sup> (Israel)	OC189
14:40	Comparison three ultrasound based methods to determine the fetal head station to trans-vaginal digital examination <i>J. Nizard<sup>1</sup>; Y. Paltiel<sup>2</sup>; R. Gonen<sup>2</sup>; G. Ohef<sup>2</sup>; Y. Ville<sup>1</sup></i> <sup>1</sup> (France); <sup>2</sup> (Israel)	OC190
14:45	Ultrasound measurements of fetal head engagement and cervical length as predictive factors of labor outcome in women with induced labor <i>T. Eggebo; L. Gjessing; I. Økland; C. Heien; P. Romundstad; K. Salvesen (Norway)</i>	OC191
14:50	Intrapartum sonographic assessment of fetal head rotation in the second stage of labour <i>T. Ghi; M. Segata; G. Simonazzi; S. Gabrielli; A. Perolo; G. Pelusi; N. Rizzo; G. Pilu (Italy)</i>	OC192
14:55	Discussion	
15:03	The effects of epidural analgesia to the fetus: a Doppler ultrasonographic study <i>N. Szunyogh; P. Zubor; J. Visnovsky; J. Danko (Slovakia)</i>	OC193
15:08	Multi-vessel Doppler assessment and Doppler myocardial performance index (Tei index) during labour <i>T. Loureiro; N. Montenegro; D. Ayres-de Campos (Portugal)</i>	OC194
15:13	Evaluation of perinatal condition in newborns with elevated concentration of cord cardiac Troponin I <i>K. Jalinik; A. Hamela-Olkowska; P. Wlasienko; K. Czajkowski; J. Dangel (Poland)</i>	OC195
15:18	Discussion	

## 14:00–15:30 Ovarian Masses

PDA Basement

	<i>Chairs: D. Jurkovic (UK); D. Timmerman (Belgium)</i>	
14:00	Ultrasound contrast and the assessment of ovarian masses with solid tissue <i>A. Testa<sup>1</sup>; E. Fruscella<sup>1</sup>; D. Timmerman<sup>2</sup>; C. Van Holsbeke<sup>2</sup>; L. Savelli<sup>1</sup>; E. Ferrazzi<sup>1</sup>; F. Leone<sup>1</sup>; H. Marret<sup>4</sup>; C. Exacoustos<sup>1</sup>; G. De Placido<sup>1</sup>; D. Bokor<sup>1</sup>; G. Ferrandina<sup>1</sup>; L. Valentin<sup>4</sup></i> <sup>1</sup> (Italy); <sup>2</sup> (Belgium); <sup>3</sup> (France); <sup>4</sup> (Sweden)	OC196
14:10	Prospective validation of artificial intelligence derived prognostic models based on 2D and 3D sonography in the differentiation of ovarian tumors <i>A. Smolen; A. Czekierdowski; N. Stachowicz; J. Kotarski (Poland)</i>	OC197
14:20	Sonohistology: the use of simple findings to predict the histological diagnosis in more than 900 adnexal masses evaluated by a single center <i>S. Guerriero; S. Ajossa; M. Angiolucci; M. Gerada; B. Virgilio; S. Floris; S. Piras; N. Garau; G. Melis (Italy)</i>	OC198
14:25	The frequency of typical ultrasound morphological features in Borderline Ovarian Tumors <i>J. Yazbek<sup>1</sup>; L. Valentin<sup>2</sup>; T.K. Holland<sup>1</sup>; A. Testa<sup>3</sup>; D. Timmerman<sup>4</sup>; D. Jurkovic<sup>1</sup></i> <sup>1</sup> (UK); <sup>2</sup> (Sweden); <sup>3</sup> (Italy); <sup>4</sup> (Belgium)	OC199
14:30	Ultrasound-based triage for surgical management of adnexal masses in asymptomatic women <i>J. Alcazar; P. Royo; A. Ruiz-Zambrana; J. Minguez; M. Jurado; G. López-García (Spain)</i>	OC200
14:35	The interobserver agreement between expert ultrasound operators when differentiating between adnexal tumors using ultrasound pattern recognition <i>J. Yazbek<sup>1</sup>; T. Holland<sup>1</sup>; C. Van Holsbeke<sup>2</sup>; A. Testa<sup>3</sup>; L. Valentin<sup>4</sup>; D. Jurkovic<sup>1</sup>; D. Timmerman<sup>2</sup></i> <sup>1</sup> (UK); <sup>2</sup> (Belgium); <sup>3</sup> (Italy); <sup>4</sup> (Sweden)	OC201
14:40	Real-time ultrasound versus static image evaluation of adnexal masses <i>C. Van Holsbeke<sup>1</sup>; J. Yazbek<sup>2</sup>; A. Daemen<sup>1</sup>; T. Holland<sup>2</sup>; A. Testa<sup>3</sup>; L. Valentin<sup>4</sup>; D. Timmerman<sup>1</sup>; D. Jurkovic<sup>2</sup></i> <sup>1</sup> (Belgium); <sup>2</sup> (UK); <sup>3</sup> (Italy); <sup>4</sup> (Sweden)	OC202
14:45	How accurate is ultrasound pattern recognition at predicting the histological diagnosis of an ovarian mass? <i>J. Yazbek<sup>1</sup>; C. Van Holsbeke<sup>2</sup>; A. Daemen<sup>2</sup>; T. Holland<sup>1</sup>; A. Testa<sup>3</sup>; L. Valentin<sup>4</sup>; D. Timmerman<sup>2</sup>; D. Jurkovic<sup>1</sup></i> <sup>1</sup> (UK); <sup>2</sup> (Belgium); <sup>3</sup> (Italy); <sup>4</sup> (Sweden)	OC203
14:50	Analysis of sonographic and Doppler features of struma ovarii: insights into a diagnostic dilemma <i>L. Savelli<sup>1</sup>; A. Testa<sup>1</sup>; D. Timmerman<sup>2</sup>; L. Valentin<sup>3</sup></i> <sup>1</sup> (Italy); <sup>2</sup> (Belgium); <sup>3</sup> (Sweden)	OC204
14:55	Pictorial assay on rare ovarian tumors: granulosa cell tumor, clear cell and endometrioid carcinoma <i>E. Domali<sup>1</sup>; C. Van Holsbeke<sup>1</sup>; T. Van Den Bosch<sup>1</sup>; D. Jurkovic<sup>2</sup>; A. Testa<sup>3</sup>; L. Valentin<sup>4</sup>; D. Timmerman<sup>1</sup>; R. Achten<sup>1</sup>; P. Moerman<sup>1</sup></i> <sup>1</sup> (Belgium); <sup>2</sup> (UK); <sup>3</sup> (Italy); <sup>4</sup> (Sweden)	OC205, OC206
15:00	Ovarian stromal hyperthecosis: sonographic features and histologic associations <i>D.L. Brown; T. Henrichsen; A. Clayton; S. Hudson; C. Coddington; A. Vella (USA)</i>	OC207
15:05	Ultrasonographer Experience versus Power Doppler index for ovarian tumors discrimination <i>H. Marret<sup>1</sup>; L. Vinatier<sup>1</sup>; B. Giraudeau<sup>1</sup>; F. Tranquart<sup>1</sup>; A. Testa<sup>2</sup>; I. IGIT Study Group<sup>2</sup></i> <sup>1</sup> (France); <sup>2</sup> (Italy)	OC208

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15:10	Discussion	
15:30–16:00	Coffee and poster viewing	
16:00–17:40	<b>Fetal and placental circulation I (*sponsored by Siemens)</b>	<b>PDC Auditorium</b>
	<i>Chairs: T. Frusca (Italy); T. Kiserud (Norway)</i>	
16:00	Live scan demonstration <i>A. Baschat (USA)</i>	
16:20	Overview <i>T. Kiserud (Norway)</i>	
16:35	Increased free fetal DNA (ffDNA) levels in the plasma of pregnant women in early pregnancy are observed in patients who subsequently develop severe placental disease <i>S. Illanes<sup>1</sup>; M. Parra<sup>1</sup>; J. Trebilcock<sup>1</sup>; K. Pino<sup>1</sup>; H. Figueroa-Diesel<sup>1</sup>; C. Romero<sup>1</sup>; J. Arraztoa<sup>1</sup>; P. Soothill<sup>2</sup> (Chile); <sup>2</sup>(UK)</i>	OC209
16:40	High sFlt-1/PIGF ratio in the early third trimester and preeclampsia frequently occurs in women with both high notch depth index and low PIGF levels in the second trimester <i>A. Ohkuchi; C. Hirashima; H. Suzuki; S. Matsubara; M. Suzuki (Japan)</i>	OC210
16:45	Doppler sonography of uterine arteries at 20–23 weeks: depth of notch predicts probability of adverse pregnancy outcome and degree of IUGR <i>R. Becker; R. Vonk (Germany)</i>	OC211
16:50	Discussion	
16:58	Risk assessment of preeclampsia and IUGR in patients with normalization of uterine artery Doppler study between 20 and 24 weeks <i>M. Comas; O. Gómez; F. Crispi; J. Benavides-Serralde; E. Meler; A. Rabanal; N. Masoller; F. Figueras; E. Gratacós (Spain)</i>	OC212
17:03	The effect of uterine artery Doppler and maternal ethnicity on the risk of stillbirth <i>T. Singh; A. Papageorgiou; K. Melchiorre; B. Thilaganathan; A. Hide (UK)</i>	OC213
17:08	Prediction of preeclampsia by the uterine artery Doppler waveform analysis in pregnancies complicated with chronic arterial hypertension <i>O. Moreno-Alvarez; E. Herrerias; L. Guevara; M. Garcia-Espinoza; A. López-Argüello; E. Hernández-Andrade (Mexico)</i>	OC214
17:13	Elevated total vascular resistance more than persisting bilateral notches of uterine artery Doppler waveforms identifies patients at risk for pregnancy complications <i>B. Vasapollo; G. Novelli; H. Valensise (Italy)</i>	OC215
17:18	Discussion	
17:26	Treatment with NO donor patches in asymptomatic women with bilateral notch and elevated total vascular resistance <i>H. Valensise; B. Vasapollo; G. Novelli (Italy)</i>	OC216
17:31	Discussion	
16:00–17:30	<b>Invasive procedures and fetal treatment</b>	<b>PDA 2nd Floor</b>
	<i>N. Rizzo (Italy); K. Hecher (Germany)</i>	
16:00	Overview: the risks of invasive procedures <i>Y. Ville (France)</i>	
16:15	Overview: invasive procedures in twins <i>K. Hecher (Germany)</i>	
16:30	Experience FETO group with tracheal occlusion for left sided diaphragmatic hernia at variable gestational age <i>J. Deprest<sup>1</sup>; J. Jani<sup>2</sup>; E. Gratacós<sup>2</sup>; K. Nicolaidis<sup>2</sup>; S. Salcedo<sup>2</sup>; K. Allegaert<sup>1</sup>; A. Greenough<sup>3</sup> (Belgium); <sup>2</sup>(Spain); <sup>3</sup>(UK)</i>	OC217, OC218
16:38	Discussion	
16:43	New methods for prediction of survival in fetuses with congenital diaphragmatic hernia treated with tracheal occlusion <i>O. Moreno-Alvarez<sup>1</sup>; J. Jani<sup>2</sup>; E. Hernández-Andrade<sup>1</sup>; E. Done<sup>2</sup>; T. Jansson<sup>2</sup>; J. Martínez<sup>1</sup>; J. Deprest<sup>2</sup>; B. Puerto<sup>1</sup>; D. Oros<sup>1</sup>; E. Gratacós<sup>1</sup> (Spain); <sup>2</sup>(Belgium); <sup>3</sup>(Sweden)</i>	OC219, OC220, OC221
16:53	Hyperoxygenation test for pulmonary vascular reactivity and neonatal outcome in fetuses with severe congenital diaphragmatic hernia <i>E. Doné; L. Gucciardo; T. Van Mieghem; J. Jani; D. Van Schoubroeck; K. Allegaert; A. Debeer; J. Deprest (Belgium)</i>	OC222
16:58	Serial measurement of Lung Head Ratio (LHR) does not predict survival in left-sided congenital diaphragmatic hernia (CDH) <i>M. Bebbington; E. Danzer; H. Hedrick; A. Flake; R. Wilson; M. Johnson; N. Adzick (USA)</i>	OC223
17:03	Discussion	
17:13	Fetal Positron Emission Tomography during acute hypoxia and after fetoscopic coagulation of major placental vessels <i>M. Tchirikov; M. Schreckenberger; M. Strohner; C. Interthal; A. Puhl; H. Buchholz; A. Scholz; K. Hecher (Germany)</i>	OC224

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17:18	Discussion	
17:21	Estimation of fetal circulatory insufficiency with fetal serum NT-pro BNP concentration in Rh-disease <i>M. Wielgos; R. Bartkowiak; K. Luterek; D. Bomba-Opon; A. Kondracka; K. Filipiak (Poland)</i>	OC225
17:26	Discussion	

## 16:00–17:30 Imaging and the oncology patient PDA Basement

	<i>Chairs: L. Savelli (Italy); L. Valentin (Sweden)</i>	
16:00	The specific features of borderline disease <i>C. Exacoustos (Italy)</i>	
16:10	Ultrasound and the detection of omental metastasis and tumour recurrence <i>A. Testa (Italy)</i>	
16:20	Transvaginal sonographic features of peritoneal carcinomatosis <i>L. Savelli (Italy)</i>	
16:30	Ultrasonographic detection of recurrence after conservative surgery for Borderline Ovarian tumors <i>D. Franchi; S. Boveri; M. Pittelli; N. Colombo; M. Sideri (Italy)</i>	OC226
16:35	Early 3D aspects of recurrence in borderline ovarian tumors <i>S. Sansavini; F. Rosati; R. Fratto; S. Mahad; C. Alboni; P. De Iaco; L. Orsini (Italy)</i>	OC227
16:40	Imaging in gynecological disease (1): ultrasound features of metastases in the ovaries differ depending on the origin of the primary tumor <i>A. Testa<sup>1</sup>; G. Ferrandina<sup>1</sup>; D. Timmerman<sup>2</sup>; L. Savelli<sup>1</sup>; M. Ludovisi<sup>1</sup>; C. Van Holsbeke<sup>2</sup>; M. Malaggesi<sup>1</sup>; G. Scambia<sup>1</sup>; L. Valentin<sup>3</sup> (Italy); <sup>2</sup>(Belgium); <sup>3</sup>(Sweden)</i>	OC228
16:45	Ultrasound-guided tru-cut biopsy in the management of advanced abdomino-pelvic tumors <i>D. Fischerova; D. Cibula; P. Dunder; M. Zikan; P. Freitag; J. Slama; P. Calda (Czech Republic)</i>	OC229
16:50	Three-dimensional sonography and VEGF/VEGF receptor concentrations assessment in women with benign and malignant endometrial changes <i>A. Czekirowski; M. Chrosciel; N. Stachowicz; J. Kotarski (Poland)</i>	OC230
16:55	Transrectal ultrasound (TRUS) and MRI in staging of early cervical cancer <i>D. Fischerova; D. Cibula; M. Zikan; P. Freitag; J. Slama; H. Vondrichova; H. Stenhova; P. Calda (Czech Republic)</i>	OC231
17:00	Can 3D volume acquisitions displayed with TUI be used to interpret and archive GYN scans done remotely? <i>B. Benacerraf; B. Bromley; T. Shipp (USA)</i>	OC232
17:05	3D VOCAL volume measurements in endometrial carcinoma staging: is it worthy? <i>M. Bolletta; S. Ricci Bitti; S. Sansavini; L.F. Orsini (Italy)</i>	OC233
17:10	Three-dimensional endometrial volume and 3-dimensional power Doppler analysis in predicting endometrial carcinoma <i>M. Odeh; I. Vainerovsky; V. Grinin; M. Kais; E. Ophir; J. Bornstein (Israel)</i>	OC234
17:15	Discussion	



# Posters – Wednesday 10 October 2007

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Abstract no.

PDC G.Onice

### OP14: Uterine artery Doppler

Chairs: A. Baschat (USA); T. Frusca (Italy)

Uterine artery Doppler at 10–14 weeks and the interaction between decidual NK cells and extravillous trophoblast: an immunohistochemical study <i>F. Prefumo (United Kingdom)</i>	OP14.01
Predictive value of maternal angiogenic factors in second trimester pregnancies with abnormal uterine perfusion <i>R. Faber (Germany)</i>	OP14.02
Circulatory soluble endoglin and its predictive value for preeclampsia in second trimester pregnancies with abnormal uterine perfusion <i>R. Faber (Germany)</i>	OP14.03
Uterine artery Doppler in women with abnormal first and second trimester serum screening <i>A. David (United Kingdom)</i>	OP14.04
Incidence and clinical impact of inherited thrombophilia in second trimester pregnancies with abnormal uterine Doppler <i>S. Schrey (Germany)</i>	OP14.05
Dynamic of abnormal uterine perfusion during pregnancy and perinatal outcome <i>S. Schrey (Germany)</i>	OP14.06
Prediction of preeclampsia or gestational hypertension by first trimester uterine artery Doppler and maternal serum markers in nulliparous women <i>F. Audibert (Canada)</i>	OP14.07
Neurodevelopmental outcome in premature infants affected with intrauterine growth restriction <i>E. Gratacós (Spain)</i>	OP14.08
Perinatal and neurological outcomes in low birth foetuses with pathologic doppler study in middle cerebral artery <i>M. Illa (Spain)</i>	OP14.09
White matter damage and hemorrhagic brain lesions in severely preterm infants with and without intrauterine growth restriction <i>E. Hernandez-Andrade (Spain)</i>	OP14.10
Middle cerebral artery Doppler velocimetry in fetuses with intrauterine growth restriction: correlation with neonatal cranial sonography and short-term perinatal outcome <i>R. Hershkovitz (Israel)</i>	OP14.11
Outcome after active delivery before 30 gestational weeks of pregnancies complicated by fetal growth restriction and ARED flow <i>J. Brodzski (Sweden)</i>	OP14.12
Prediction of adverse outcome in fetal growth restriction (FGR) – the role of middle cerebral artery peak systolic velocity (MCA PSV) <i>A. Baschat (United States)</i>	OP14.13
Doppler, cardiotocography and biophysical profile score in IUGR fetuses because of maternal preeclampsia <i>E. Cosmi (Italy)</i>	OP14.14

### OP15: Twins II

Chairs: E. Gratacós (Spain); J. Deprest (Belgium)

Absolute uterine artery blood flow volume is increased in twin human pregnancies compared to singletons <i>S. Rigano (Italy)</i>	OP15.01
Intertwin disparity in crown-rump length, gestational sac and yolk sac size and fetal heart rate at 7 weeks' gestation <i>F. Breathnach (Ireland)</i>	OP15.02
Clinical significance of first trimester crown-rump length discrepancy in twin gestations <i>P. Prats (Spain)</i>	OP15.03
Pseudo-amniotic band syndrome: a rare complication of monochorionic twins with fetio-fetal transfusion syndrome treated by laser coagulation <i>N. Winer (France)</i>	OP15.04
Spontaneous intertwin dividing membranes rupture and membranes detachment in twin-twin transfusion syndrome <i>R. Chmait (United States)</i>	OP15.05
The use of 3D US for diagnosis of unicornuate and didelphys uteri with twins gestation during first trimester of pregnancy <i>E. Zohav (Israel)</i>	OP15.06
The use of MRI, ultrasound and Doppler in the diagnosis and management of a triplet pregnancy complicated by conjoined anomalous pyopagus twins <i>B. Staat (United States)</i>	OP15.07
Influence of the initial and final number of fetuses after Multifetal Pregnancy Reduction on successful pregnancy outcome <i>I. Timor-Tritsch (United States)</i>	OP15.08
Cerclage indicated by short cervix in twins when performed late in pregnancy (20 to 30 weeks) <i>M. Yamamoto (Chile)</i>	OP15.09
Monochorionic and dichorionic twin pregnancies discordant for fetal anencephaly: a systematic review of prenatal management options <i>L. De Catte (Belgium)</i>	OP15.10

PDA 2.B

# Posters – Wednesday 10 October 2007

## OP16: Ovarian masses

	Abstract no.
<i>Chairs: D. Timmerman (Belgium); J. Alcázar (Spain)</i>	
Internal echo histogram for differentiation of ovarian masses <i>Y. Kim (Republic of Korea)</i>	OP16.01
Comparison of sonovue contrasted sonography and color Doppler in the differential diagnosis of pelvic mass <i>J. Zhang (China)</i>	OP16.02
Reproducibility of different patterns of benign ovarian masses assessed by transvaginal ultrasonography evaluated by several operators with different degree of experience <i>S. Guerriero (Italy)</i>	OP16.03
Evaluation of response to neoadjuvant chemotherapy in advanced ovarian cancer by transvaginal sonography <i>F. Rosati (Italy)</i>	OP16.04
Torsion of normal adnexa in post-menarchal females: can ultrasound alert to an ischemic process? <i>N. Smorgick (Israel)</i>	OP16.05
3D exploration of 2D defined unilocular cysts <i>R. Fratto (Italy)</i>	OP16.06
Intraobserver and interobserver agreement of B-mode typical ultrasonographic patterns suggestive of presence of ovarian malignancy <i>S. Guerriero (Italy)</i>	OP16.07
Virtual 3D power Doppler angiographic spherical tissue sampling for evaluation of ovarian pathology <i>I. Timor-Tritsch (United States)</i>	OP16.08
Ovarian tumor vascular network assessment by three-dimensional power Doppler angiography (3D-PDA): a reproducibility study <i>J. Alcazar (Spain)</i>	OP16.09
Doppler evaluation of Wall Shear Rate, Wall distension Rate and velocity profile in preoperative ovarian masses: preliminary results <i>G. Urban (Italy)</i>	OP16.10
Implementation of quality control for standard gynecological examination. Feasibility and reproducibility of an image scoring method for gynecological ultrasound examination in the emergency room <i>L. Salomon (France)</i>	OP16.11

## OP17: Endometrium and abnormal bleeding

	Presentation: PDA Basement Viewing: PDC 1.01
<i>Chairs: E. Ferrazzi (Italy); T. Van Den Bosch (Belgium)</i>	
Endometrial thickness assessed by ultrasound in the postmenopausal patient receiving HRT <i>D. Tutunaru (Romania)</i>	OP17.01
Use of ultrasound to reduce the need for hysteroscopy in the management of postmenopausal bleeding (PMB): introduction of a 'one-stop' clinic <i>M. Johnson (United Kingdom)</i>	OP17.02
The impact of a two-week referral rapid access ultrasound-based clinic to assess women considered at high risk of gynaecological malignancy <i>S. Ahmed (United Kingdom)</i>	OP17.03
Comparison of transvaginal ultrasonography and the hysteroscopy in the diagnosis of uterine lesions <i>G. Kozarov (Serbia and Montenegro)</i>	OP17.04
Comparison of the number of uterine myomas detected by transvaginal ultrasonography and removed by laparotomic myomectomy <i>F. Tondi (Italy)</i>	OP17.05
Endometrial hyperplasia at 3D-transvaginal sonography by VCI analysis <i>F. Leone (Italy)</i>	OP17.06
Menometrorrhagia due to impaired uterine drainage <i>R. Sanders (United States)</i>	OP17.07
Intraoperative ultrasound in gynecological surgery for uterine fibroids <i>C. Battista (Italy)</i>	OP17.08
Late apparition of vaginal discharge after uterine artery embolization for interstitial fibroid tumors: interest of magnetic resonance imaging <i>O. Morel (France)</i>	OP17.09
Radiofrequency ablation for treatment of retained trophoblast or placenta: evaluation in vitro & on animal model <i>O. Morel (France)</i>	OP17.10

## OP18: Fetal cardiac function

	PDA 3.A
<i>Chairs: B. Tutschek (Germany); G. Rizzo (Italy)</i>	
Evaluation of PR interval in Anti Ro/La positive mothers <i>V. Vangi (Italy)</i>	OP18.01
Fetal echocardiographic monitoring in fetuses at risk for congenital heart block <i>L. Franceschetti (Italy)</i>	OP18.02
Experimental study of the role of maternal consumption of green tea, mate tea and grape juice on fetal ductal constriction <i>P. Zielinsky (Brazil)</i>	OP18.03
Flow velocity waveforms in the chicken embryonic heart at developmental stages comparable with the first trimester of human pregnancy <i>A. Oosterbaan (Netherlands)</i>	OP18.04

# Posters – Wednesday 10 October 2007

	Abstract no.
Cardiac function in fetuses with normal hearts at 11–15 weeks and 20–23 weeks gestation <i>S. Clur (Netherlands)</i>	OP18.05
Increased fetal nuchal translucency and cardiac (dys)function <i>S. Clur (Netherlands)</i>	OP18.06
Use of 'E-flow' colour mode to image the aortic-ductal arch junction in the fetus <i>J. Carvalho (United Kingdom)</i>	OP18.07
Evidence of changes in the 3rd trimester cardiac outputs of fetuses with increased Nuchal Translucency <i>M. Bellotti (Italy)</i>	OP18.08
Doppler tissue imaging of the fetal myocardium: normal values and developmental changes during gestation <i>J. Rychik (United States)</i>	OP18.09
Variations in normal left ventricular tei index values are lower when measured with tissue velocity Doppler <i>M. Brestak (Czech Republic)</i>	OP18.10
Quantification of regional atrial contraction in the fetal heart using the parameters strain and velocity – a Tissue Doppler Imaging (TDI) study <i>J. Steinhard (Germany)</i>	OP18.11
Assessment of myocardial 2D strain in the right ventricle (RV) of the fetal heart by speckle tracking imaging (STI) <i>J. Steinhard (Germany)</i>	OP18.12
Spatio-temporal image correlation for evaluation a fetal cardiac malformation. Report on two complex cases <i>F. Fuchs (France)</i>	OP18.13

## OP19: Preterm delivery

PDA 1.A

Chairs: <i>N. Rizzo (Italy); M. Fontanarosa (Italy)</i>	
PAPP-A and hCG as markers of low birth weight and preterm delivery in a consecutive cohort of 1867 pregnancies undergoing combined first trimester screening for Down syndrome <i>K. Pihl (Denmark)</i>	OP19.01
The use of transvaginal ultrasonography to predict preterm birth in asymptomatic women at increased risk: a systematic review <i>J. Crane (Canada)</i>	OP19.02
The use of transvaginal ultrasonography to predict preterm birth in women with a history of spontaneous preterm birth <i>J. Crane (Canada)</i>	OP19.03
Combination of new markers in preterm delivery <i>D. Paternoster (Italy)</i>	OP19.04
A comparison of cervical length measurement and pHIGFBP-1 in the prediction of preterm delivery <i>L. Danti (Italy)</i>	OP19.05
Cervical length and risk of antepartum bleeding in women with complete placenta praevia <i>T. Ghi (Italy)</i>	OP19.06
Three-dimensional ultrasound assessment of the cervix: evaluation of cervical operations <i>A. Bergann (Germany)</i>	OP19.07
The role of amniodrainage in emergency cerclage: a technique to improve materno-fetal outcome <i>F. Quijano (Colombia)</i>	OP19.08
Qualitative characteristics of uterine Doppler waveforms during early gestation in patients after conservative myomectomy <i>E. Fedorova (Russian Federation)</i>	OP19.09
Biweekly transvaginal ultrasound surveillance to evaluate cervical length in triplet gestations <i>D. Wood (United States)</i>	OP19.10

## Posters (view only)

### P40: Fetal face and thorax

PDC G.04

Multislice display of the fetal face using 3D ultrasound <i>G. Ramos (United States)</i>	P40.01
Three-dimensional sonographic visualization of the fetal face: effect of the amniotic fluid volume <i>S. Kondoh (Japan)</i>	P40.02
Three-dimensional sonographic assessment of the fetal face with Prader-Willy syndrome <i>C. Drummond (Brazil)</i>	P40.03
Prenatal diagnosis of enlarged parietal foramina in the second trimester using three-dimensional ultrasound <i>J. Solomon (United States)</i>	P40.04
Prenatal diagnosis of dacryocystocele. Case report <i>G. Nazzaro (Italy)</i>	P40.05
Absent nasal bones demonstrated with three-dimensional (3D) maximum render mode in second-trimester screening for Down syndrome <i>L. Di Luzio (Italy)</i>	P40.06
An evaluation of the assessment methods for fetal cleft lip/palate on 3D ultrasound <i>H. Wong (New Zealand)</i>	P40.07

# Posters – Wednesday 10 October 2007

	Abstract no.
Posterior wall of the fetal palate: is it a reliable sign applicable in routine? <i>J. Develay-Morice (France)</i>	P40.08
Predominance of nasal breathing over swallowing determined by color Doppler as a new sign for prenatal diagnosis of micrognathia <i>M. Basbug (Turkey)</i>	P40.09
Nomograms of the fetal neck circumference and area throughout gestation <i>M. Dalloul (United States)</i>	P40.10
Foetal oesophagus's pathology: place of the pouch sign <i>J. Develay-Morice (France)</i>	P40.11
Semi-quantitative study of tracheal fluid flow in a fetus with pulmonary hypoplasia: possible prognostic factor <i>G. Grange (France)</i>	P40.12
Prenatal diagnosis of tracheal diverticulum first report: anatomic goals and review <i>M. Herrera (Colombia)</i>	P40.13
Clinical significance of fetal lung mass <i>M. Herrera (Colombia)</i>	P40.14
Pulmonary underdevelopment. The clues are in mediastinal shift and pulmonary vessels. <i>J. Ochoa (Argentina)</i>	P40.15
Cystic Adenomatoid Malformation volume ratio to predict fetal outcome: bideimensional versus three-dimensional ultrasound <i>G. Nazzaro (Italy)</i>	P40.16
Congenital cystic adenomatoid malformation – case report <i>A. Keresztúri (Hungary)</i>	P40.17
The antenatal and postnatal management in a case of pulmonary sequestration <i>N. Mantas (Greece)</i>	P40.18

## P41: Uterine artery Doppler

	PDC G.05
Uterine arteries blood flow comparison in 11+0 – 13+6 weeks of pregnancy after natural and ART conception <i>O. Solovyov (Ukraine)</i>	P41.01
Prediction of preeclampsia and intrauterine growth restriction by uterine artery doppler blood flow velocity analysis <i>B. Sajina Stritar (Slovenia)</i>	P41.02
Uterine artery Doppler at 10–14 weeks and maternal serum concentrations of asymmetric dimethylarginine <i>F. Prefumo (United Kingdom)</i>	P41.03
Defective spiral artery transformation during the first half of pregnancy is a likely underlying mechanism for early pre-eclampsia but not for late pre-eclampsia <i>K. Melchiorre (United Kingdom)</i>	P41.04
Prediction of pre-eclampsia using a combination of first trimester arterial pulse wave analysis and second trimester uterine artery Doppler waveform <i>A. Khalil (United Kingdom)</i>	P41.05
Markers of maternal endothelial dysfunction and ultrasound assessment of fetomaternal circulation in pregnancy complicated with type 1 diabetes <i>M. Pietryga (Poland)</i>	P41.06
Uterine Doppler and cerebro-placental ratio for the prediction of perinatal outcome of small for gestational age fetuses <i>M. Fernandez (Spain)</i>	P41.07
Abnormal uterine artery Doppler flow velocimetry detected after the 34th week does not affect pregnancies complicated by fetal growth restriction <i>R. Hershkovitz (Israel)</i>	P41.08
Uterine artery blood flow in small-for-gestational age fetuses with normal umbilical artery Doppler measurements <i>M. Fajardo (Spain)</i>	P41.09
Uterine artery impedance of the gravid uterus: nomograms of pulsatility and resistivity indices <i>S. Wong (Singapore)</i>	P41.10
Three-dimensional power Doppler angiography in the diagnosis of pseudoaneurysm of the uterine artery <i>C. Alboni (Italy)</i>	P41.11
Unilaterally increased uterine arteries resistance in the third trimester and pregnancy outcome <i>T. Ghi (Italy)</i>	P41.12
Doppler ultrasound measurements of uteroplacental blood flow in pregnancies complicated by placental malaria (preliminary report) <i>N. Lazebnik (United States)</i>	P41.13

## P42: Endometrium and abnormal bleeding

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Transvaginal ultrasonography in the treatment of mature active woman with functional uterine bleeding <i>C. Constantinescu (Romania)</i>	P42.01
Ultrasonographic evaluation of the endometrium: transperineal versus endovaginal imaging <i>S. Pinho (Portugal)</i>	P42.02
Does ibuprofen reduce the pain experienced in patients having outpatient hysteroscopy? <i>A. Saba (United Kingdom)</i>	P42.03
The differential diagnosis of bicornuate and septate uterine anomalies by three dimensional extended imaging (3D XI) TM <i>S. Kim (Republic of Korea)</i>	P42.04

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Endometrial carcinoma: 3D power Doppler ultrasonographic findings <i>M. Pascual (Spain)</i>	P42.05
Uterine arteriovenous malformations with three dimensional presentation – a case report <i>P. Yang (Taiwan)</i>	P42.06
Transvaginal 3D multislice saline infusion sonohysterography <i>A. Jurisic (Serbia and Montenegro)</i>	P42.07
Hysteroscopic resection of endometrial polyps: a retrospective study <i>A. Ricciardulli (Italy)</i>	P42.08
US evaluation of endometrial thickness and ecogenicity in women taking Tamoxifen <i>C. Stegher (Italy)</i>	P42.09
Videohysteroscopy resection of myoma: the importance of ultrasound in the per-operative <i>R. Moreira de Sa (Brazil)</i>	P42.10
Role of endovaginal (2D and Doppler) ultrasound in the diagnosis of endometrial carcinoma in menopausal patients <i>N. Costin (Romania)</i>	P42.11
Long-term outcomes of ultrasound-guided treatment of the complicated forms of pelvic inflammatory diseases of women <i>T. Makukhina (Russian Federation)</i>	P42.12
Ultra-sonographic assessment of endometrial cavity in two times: ultrasound, sono-hysterography with saline infusion <i>D. Lorenzi (Italy)</i>	P42.13
Real-time 3-dimensional sonohysterography-guided biopsy of focal endometrial abnormalities: technical feasibility and diagnostic accuracy <i>E. Lee (Republic of Korea)</i>	P42.14
MR imaging of abnormal uterine cavity: emphasis on differential diagnosis with endometrial carcinoma <i>K. Kim (Republic of Korea)</i>	P42.15
Case report: Successful pregnancy after the ultrasound guided laparoscopy electromyolysis <i>K. Nouzová (Czech Republic)</i>	P42.16
Value of open MR in gynaecology <i>T. Soares Pereira (Brazil)</i>	P42.17

## P43: Ovarian masses

	PDC 1.05
The effect of a levonorgestrel-releasing intrauterine system on ovarian cyst formation in women <i>T. Stojilkovic (United Kingdom)</i>	P43.01
Ultrasound routine assessment in an unselected HIV-positive population followed at a tertiary referral OB/GYN center <i>G. Maruotti (Italy)</i>	P43.02
Therapeutic effect of ultrasound-guided aspiration and sclerotherapy against operation in ovarian endometriomas <i>L. Wang (China)</i>	P43.03
The mean gray value of VOCAL Technique can assist in making differential diagnosis of Chocolate Cyst and other benign ovarian tumor: a preliminary study <i>C. Chen (Taiwan)</i>	P43.04
Assessment of benign ovarian masses with the use of 3-D and 3-D power Doppler ultrasound <i>N. Vrachnis (Greece)</i>	P43.05
Accuracy of transvaginal ultrasound in evaluation of solid adnexal masses <i>M. Kuleva (Italy)</i>	P43.06
Three-dimensional sonography in differential diagnosis of ovarium tumors: our experience <i>A. Lvova (Russian Federation)</i>	P43.07
Usefulness of transvaginal color Doppler ultrasound in early diagnosis of ovarian cancer <i>M. Pascual (Spain)</i>	P43.08
Parovarian cysts: comparison of serial sonographic features and pathologic findings <i>D. Kwak (Republic of Korea)</i>	P43.09
Integrated US (2D, Doppler color, 3D) in the prediction of ovarian cancer <i>M. Huamán Guerrero (Peru)</i>	P43.10
Ultrasound characteristics of hydrosalpinx <i>E. Domali (Belgium)</i>	P43.11
Adnexal torsion at gestational limits of viability; is Doppler ultrasound helpful? <i>M. Thompson (United Kingdom)</i>	P43.12
US-guided aspiration of ovarian cysts: does it still have a role in clinical management? <i>C. Stegher (Italy)</i>	P43.13
Ultrasonography in the diagnosis and follow-up of patients with abdominopelvic tuberculosis <i>R. Panlilio-Vitriolo (Philippines)</i>	P43.14
Benign ovarian tumors with solid and cystic components that mimick malignancy <i>K. Kim (Republic of Korea)</i>	P43.15

# Posters – Wednesday 10 October 2007

## P44: Chromosomal abnormalities and syndromes

	Abstract no.
Cardiac and craniofacial findings in detection of trisomy 18 <i>A. Gedikbasi (Turkey)</i>	P44.01
“Disappearing” mosaic cell line: a necessary consideration in third trimester asymmetric fetal growth restriction and neonatal developmental delay <i>D. Jackson (United States)</i>	P44.02
3D/4D diagnosis of Beckwith-Wiedeman Syndrome in a fetus with an elevated alpha-fetoprotein (AFP) level at the second trimester maternal serum screening <i>L. Di Luzio (Italy)</i>	P44.03
Beckwith-Wiedemann Syndrome: prenatal 2-D and 3-D US diagnosis – case report <i>P. Nowak (Brazil)</i>	P44.04
Feingold syndrome with ring chromosome 13 <i>Y. Kim (Republic of Korea)</i>	P44.05
Prenatal diagnosis of a case of Wolf-Hirschhorn Syndrome <i>M. Billieux (Switzerland)</i>	P44.06
Elevated serum alpha fetoprotein and sonographic features associated with mosaic trisomy 8 <i>A. Ness (United States)</i>	P44.07
Case report of a complete trisomy 9 <i>N. Martins (Portugal)</i>	P44.08
Prenatal diagnosis and neonatal management of Pallister-Killian-Syndrome: a case report <i>J. Baumüller (Germany)</i>	P44.09
Case report: a prenatal case of jarcho-levin syndrome diagnosed during the second trimester of pregnancy <i>M. Rabanal (Spain)</i>	P44.10
Kartagener syndrome – a case report <i>G. Conoscenti (Italy)</i>	P44.11
Two pregnancies with anhydramnios, ventriculomegaly, agenesis of the corpus callosum, and fetal cardiac defects: prenatal findings of desmosterolosis <i>D. Jackson (United States)</i>	P44.12
Prenatal diagnosis of mucopolidosis II using genetic testing <i>J. Hartung (Germany)</i>	P44.13
Jarcho – Levin Syndrome: second and first trimester ultrasound features <i>M. Herrera (Colombia)</i>	P44.14
Prenatal diagnosis of a case of otocephaly, situs inversus and holoprosencephaly. A case report <i>A. Kondylis (Greece)</i>	P44.15
Prenatal diagnosis of Neu Laxova syndrome without typical facial features <i>M. Basbug (Turkey)</i>	P44.16
Second trimester prenatal diagnosis of Cornelia de Lange Syndrome, identification of limb abnormalities with a sinister cause <i>T. Homfray (United Kingdom)</i>	P44.17
Restrictive dermopathy: lethal tight skin contracture syndrome <i>J. Shin (Republic of Korea)</i>	P44.18
Sequential ultrasound examination for diagnosis of Chondroectodermal Dysplasia: Ellis-van Creveld Syndrome <i>M. Herrera (Colombia)</i>	P44.19
Uncommon combination of hypertrophic cardiomyopathy and bilateral renal agenesis in a fetus at 16 weeks gestation <i>F. Lenz (Germany)</i>	P44.20
A case of Harlequin ichthyosis <i>J. We (Republic of Korea)</i>	P44.21
Reversal of mirror syndrome after prenatal treatment of diamond-blackfan anemia <i>D. Valsky (Israel)</i>	P44.22
A variant of pena-shokeir syndrome <i>J. Shin (Republic of Korea)</i>	P44.23

## P45: Fetal echocardiography and CHD III

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Feasibility and reproducibility of E and A waves duration in Doppler evaluation of the ductus venosus in twin-to-twin transfusion syndrome <i>L. Salomon (France)</i>	P45.01
Reference ranges for cardiac output of the left ventricle by planimetric in fetuses between 19 weeks and 37 weeks <i>J. Otero-Pinto (Colombia)</i>	P45.02
Fetal cardiac ventricular strain using velocity vector imaging <i>W. Lee (United States)</i>	P45.03
Velocity vector imaging to assess fetal myocardial function <i>A. Selbing (Sweden)</i>	P45.04
The 3D Multislice technique in the study of fetal cardiac long axis views <i>G. Nazzaro (Italy)</i>	P45.05

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Abstract no.

Early fetal echocardiography with STIC technology <i>M. Bennasar (Spain)</i>	P45.06
Report of three congenital heart defects diagnosed by STIC technology during the 11–14 weeks' ultrasound <i>M. Bennasar (Spain)</i>	P45.07
Added value of 3D/4D ultrasound modalities in the diagnosis and evaluation of fetal cardinal vein anomalies <i>S. Yagel (Israel)</i>	P45.08
Application of three-dimensional fetal echocardiography in II-III trimesters <i>K. Yusupov (Russian Federation)</i>	P45.09
Fetal left ventricular outflow tract lesions in pregnancies conceived by artificial reproductive technologies <i>J. Lougheed (Canada)</i>	P45.10
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Fetal dilated cardiomyopathy: case report <i>S. Marta (Portugal)</i>	P45.12
Imaging of fetal coronary arteries and pulmonary veins with gray and color flow Doppler sonography <i>E. Ji (Republic of Korea)</i>	P45.13
Endocardial fibroelastosis secondary to a left ventricle obstructive malformation: case report <i>S. Marta (Portugal)</i>	P45.14
Prenatal diagnosis of fetal left pulmonary arterial sling <i>H. Yorioka (Japan)</i>	P45.15
Aggressive maternal therapy for foetal arrhythmia <i>V. Moragianni (United States)</i>	P45.16

**TOSHIBA**  
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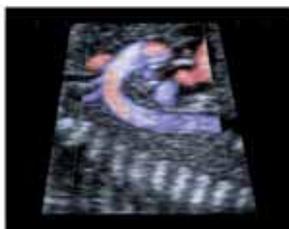
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Fetal profile



Multi view of 9th week of pregnancy



Aortic arch



3D reconstruction of fetal spine

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**ULTRASOUND CT MRI X-RAY SERVICES**

# Program – Thursday 11 October

08:30–10:00	Skeletal anomalies from 2D to 3D (*sponsored by GE)	PDC Auditorium
	<i>Chairs: D. Paladini (Italy); M. Fontanarosa (Italy)</i>	
08:30	Live scan demonstration <i>B. Benoit (France)</i>	
08:50	Prenatal diagnosis of skeletal dysplasias (n=165) in a single institution <i>T. Schramm; B. Tutschek; S. Minderer; C. Daumer-Haas; K. Hörtnagel; A. Nerlich; K. Gloning (Germany)</i>	OC235
08:55	Prenatal diagnosis of skeletal dysplasias: 12-year single center experience <i>M. Basbug; M. Ozgun; I. Serin; H. Akgun; M. Dundar; S. Kurtoglu (Turkey)</i>	OC236
09:00	Discussion	
09:05	Prenatal ultrasound detection of talipes equinovarus in a non-selected population of 49 314 deliveries in Norway <i>K. Offerdal; N. Jebens; H. Blaas; S. Eik-Nes (Norway)</i>	OC237
09:10	Prenatal diagnosis of upper limb reduction defects – a case series from a tertiary care centre <i>J. Keunen; D. Chitayat; R. Windrim; P. Seaward; G. Ryan; K. Chong; A. Toi (Canada)</i>	OC238
09:15	Fetal forearm anomalies: prenatal diagnosis, associations and management strategies <i>E. Pajkt<sup>1</sup>; D. Griffin<sup>2</sup>; L. Chitty<sup>2</sup></i> <sup>1</sup> (Netherlands); <sup>2</sup> (UK)	OC239
09:20	Discussion	
09:28	Abnormal fetal head shape: aetiology and management <i>O. Petersen<sup>1</sup>; A. David<sup>2</sup>; L. Thomasson<sup>2</sup>; L. Chitty<sup>2</sup></i> <sup>1</sup> (Denmark); <sup>2</sup> (UK)	OC240
09:33	Outcome of fetuses with sonographic diagnosis of micrognathia <i>M. Basbug; M. Ozgun; B. Ozcelik; H. Akgun; M. Akcakus; M. Dundar (Turkey)</i>	OC241
09:38	Prenatal diagnosis of hemivertebra <i>M. Segata; M. Piva; T. Ghi; G. Simonazzi; N. Rizzo; G. Pilu (Italy)</i>	OC242
09:43	Prenatal diagnosis of isolated abnormal number of ribs <i>R. Hershkovitz; Y. Zalel (Israel)</i>	OC243
09:48	Discussion	
08:30–10:00	Fetal and placental circulation II	PDA 2nd Floor
	<i>Chairs: G. Rizzo (Italy); P. Martinelli (Italy)</i>	
08:30	Blood pressure estimation in the human fetal descending aorta <i>P. Struijk<sup>1</sup>; V. Mathews<sup>2</sup>; T. Loupas<sup>3</sup>; P.A. Stewart<sup>1</sup>; E. Clark<sup>2</sup>; E. Steegers<sup>1</sup>; J. Wladimiroff</i> <sup>1</sup> (Netherlands); <sup>2</sup> (USA); <sup>3</sup> (Greece)	OC244
08:35	Discussion	
08:38	Going beyond the Doppler index: a clinical classification of abnormal ductus venosus (DV) blood flow <i>S. Turan; O.M. Turan; K. Monagle; A. Baschat (USA)</i>	OC245
08:43	Discussion	
08:46	Selective ligation of uteroplacental vessels in the pregnant rabbit: a novel experimental model of intrauterine growth restriction <i>E. Eixarch; E. Hernández-Andrade; F. Figueras; E. Gratacós (Spain)</i>	OC246
08:51	Uteroplacental hemodynamics and trophoblast invasion in a transgenic rat model for preeclampsia <i>S. Verlohren<sup>1</sup>; N. Geusens<sup>2</sup>; C. Luyten<sup>2</sup>; M. Taube<sup>1</sup>; L. Hering<sup>1</sup>; L. Vercruyse<sup>2</sup>; M. Hanssens<sup>2</sup>; J. Dudenhausen<sup>1</sup>; R. Dechend<sup>1</sup>; R. Pijnenborg<sup>2</sup>; W. Henrich<sup>1</sup></i> <sup>1</sup> (Germany); <sup>2</sup> (Belgium)	OC247
08:56	Discussion	
09:01	Prediction of pregnancy outcome by second-trimester Doppler examination in patients with anemia during pregnancy <i>H. Hwang; J. Kwon; Y. Kim; Y. Park (Republic of Korea)</i>	OC248
09:06	Predictiveness of antenatal umbilical artery Doppler for adverse pregnancy outcome in small-for-gestational age babies according to customised birthweight centiles <i>F. Figueras<sup>1</sup>; E. Eixarch<sup>1</sup>; E. Meler<sup>1</sup>; A. Iraola<sup>1</sup>; M. Illa<sup>1</sup>; J. Gardos<sup>2</sup>; E. Gratacós<sup>1</sup></i> <sup>1</sup> (Spain); <sup>2</sup> (UK)	OC249
09:11	Fetal oxygen uptake in normal and IUGR pregnancies <i>T. Radaelli; I. Cetin; S. Boito; V. Cozzi; M. Taricco; G. Alvino; E. Iurlaro; A. Martinelli; G. Pardi (Italy)</i>	OC250
09:16	Discussion	
09:24	Evidences of early changes in the distribution of cardiac output to the placenta in fetal growth restriction <i>G. Rizzo; A. Capponi; O. Cavicchioni; M. Vendola; D. Arduini (Italy)</i>	OC251
09:29	Sequence of cardiovascular changes occurring in severe IUGR fetuses in pregnancies complicated by preeclampsia and in pregnancies without this complication <i>F. Hanif; G. Mari; K. Drennan; M. Kruger (USA)</i>	OC252
09:34	Three-dimensional power Doppler analysis of cerebral circulation in normal and growth restricted fetuses <i>J. Bartha; E. Moya; B. Hervias (Spain)</i>	OC253
09:39	Discussion	

# Program – Thursday 11 October

09:49	Hemodynamic effects of betamethasone on growth-restricted fetuses with absent or reversed end-diastolic flow <i>A. Cromi<sup>1</sup>; L. Raio<sup>2</sup>; D. Surbek<sup>2</sup>; S. Tomera<sup>1</sup>; G. Siesto<sup>1</sup>; B. Lischetti<sup>1</sup>; F. Ghezzi<sup>1</sup></i> <sup>1</sup> (Italy); <sup>2</sup> (Switzerland)	OC254
09:54	Discussion	

## 08:30–10:00 Urogynecology PDA Basement

	<i>Chairs: H. Dietz (Australia); A. Steensma (Netherlands)</i>	
08:30	Female Pelvic Organ Prolapse and Levator Trauma <i>H. Dietz (Australia)</i>	OC255
08:40	Imaging of the Perigee Transobturator mesh and its effect on stress incontinence <i>K. Shek; A. Rane; J. Goh; H. Dietz (Australia)</i>	OC256
08:45	Can ultrasound replace Xray Proctography in women with obstructed defecation? <i>G. Perniola<sup>1</sup>; K. Shek<sup>2</sup>; H. Dietz<sup>2</sup>; C. Chong<sup>2</sup>; J. Cartmill<sup>2</sup>; S. Chew<sup>2</sup></i> <sup>1</sup> (Italy); <sup>2</sup> (Australia)	OC257
08:50	Pubococcygeus-puborectalis trauma after instrumental delivery-the use of 4D ultrasound in the evaluation of levator ani muscle <i>L. Krofta; E. Kasikova; M. Otcenasek; J. Feyereisl (Czech Republic)</i>	OC258
08:55	A comparison of Magnetic Resonance Imaging and 4D ultrasound in the assessment of the levator hiatus <i>J. Kruger<sup>1</sup>; X. Heap<sup>1</sup>; H. Dietz<sup>2</sup></i> <sup>1</sup> (New Zealand); <sup>2</sup> (Australia)	OC259
09:00	Ballooning: how to define abnormal distensibility of the levator hiatus <i>J. De Leon<sup>1</sup>; A. Steensma<sup>2</sup>; K. Shek<sup>1</sup>; H. Dietz<sup>1</sup></i> <sup>1</sup> (Australia); <sup>2</sup> (Netherlands)	OC260
09:05	Comparison of defecography and 3D/4D translabial ultrasound in patients with pelvic organ prolapse and / or evacuation disorders <i>A. Steensma; D. Oom; C. Burger; W. Schouten (Netherlands)</i>	OC261
09:10	Quantification of the pelvic floor contraction using 3D/4D translabial ultrasound <i>M. Konstantinovic<sup>1</sup>; A. Steensma<sup>2</sup>; E. Domali<sup>2</sup>; D. Timmerman<sup>1</sup>; D. De Ridder<sup>1</sup>; J. Deprest<sup>1</sup></i> <sup>1</sup> (Belgium); <sup>2</sup> (Netherlands)	OC262
09:15	Are anal sphincter injuries related with elevator abnormalities? <i>A. Steensma; K. Schweitzer; C. Burger; W. Schouten (Netherlands)</i>	OC263
09:20	Correlation between 3D/4D translabial ultrasound and Colpo-cysto-defecography in diagnosis of posterior compartment prolapse <i>M. Konstantinovic<sup>1</sup>; A. Steensma<sup>2</sup>; E. Domali<sup>2</sup>; D. Van Beckevoort<sup>1</sup>; D. Timmerman<sup>1</sup>; D. De Ridder<sup>1</sup>; J. Deprest<sup>1</sup></i> <sup>1</sup> (Belgium); <sup>2</sup> (Netherlands)	OC264
09:25	The 'Urethral Motion Profile': a new method for assessing urethral mobility <i>H. Dietz; K. Shek (Australia)</i>	OC265
09:30	Incidence and prevalence of levator abnormalities in women with an underactive pelvic floor contraction and pelvic floor symptoms <i>A. Steensma<sup>1</sup>; M. Konstantinovic<sup>2</sup>; E. Domali<sup>2</sup>; D. Timmerman<sup>2</sup>; J. Deprest<sup>2</sup></i> <sup>1</sup> (Netherlands); <sup>2</sup> (Belgium)	OC266
09:35	3D transperineal ultrasound (3DTUS) follow-up of intrapartum anal sphincter tears and functional correlation with clinical complaints <i>D. Valsky; A. Malkiel; S. Savchev; B. Messing; D. Hochner-Celnikier; S. Yagel (Israel)</i>	OC267
09:40	Discussion	

## 10:00–10:45 Chaired oral poster discussions (# sponsored by Medison)

<b>OP20: Fetal Doppler</b>	<i>Chairs: A. Papageorgiou (UK); C. Lees (UK)</i>	<a href="#">PDC G.Onice</a>
<b>OP23: Urogynecology</b>	<i>Chairs: A. Monteagudo (USA); A. Steensma (Netherlands)</i>	<a href="#">Presentation: PDA Basement</a> <a href="#">Viewing: PDC 1.01</a>
<b>OP24: Fetal therapy II</b>	<i>Chairs: A. Gagnon (Canada); S. Yagel (Israel)</i>	<a href="#">PDC 2.02</a>
<b>OP25: First trimester screening for Down syndrome and abnormal pregnancy outcome</b>	<i>Chairs: P. Calda (Czech Republic); D. Nyberg (USA)</i>	<a href="#">PDC 2. Sala Verde</a>

Viewing is available all day for OP sessions as listed above and:

P46: Fetal circulation	<a href="#">PDC G.04</a>
P47: Prenatal diagnosis and fetal sex determination	<a href="#">PDC G.05</a>
P48: Urogynecology	<a href="#">PDC 1.01</a>
P51: Fetal therapy	<a href="#">PDC 2.03</a>

## 10:30–11:15 Coffee and poster viewing

# Program – Thursday 11 October

11:15–12:30	Fetal airways and chest (*sponsored by Toshiba)	PDC Auditorium
	<i>Chairs: E. Gratacós (Spain); F. Severi (Italy)</i>	
11:15	Live scan demonstration <i>P. Calda (Czech Republic)</i>	
11:35	Overview of fetal diagnosis and surgery <i>E. Gratacós (Spain)</i>	
11:50	Short and longterm outcome of children with congenital diaphragmatic hernia <i>I. Fuchs; C. Roehr; H. Feller; C. Bamberg; J. Dudenhausen; W. Henrich (Germany)</i>	OC268
11:55	Discussion	
11:58	Prenatal prediction of mortality and morbidity in congenital diaphragmatic hernia using ultrasound <i>J. Deprest (Belgium)</i>	OC269, OC270, OC271
12:08	Prenatal prediction of survival using lung volume at magnetic resonance imaging and liver position in isolated diaphragmatic hernia – a multicenter study <i>M. Cannie<sup>1</sup>; P. Sonigo<sup>2</sup>; Y. Robert<sup>2</sup>; O. Moreno<sup>3</sup>; A. Benachi<sup>2</sup>; P. Vaast<sup>2</sup>; S. Dymarkowski<sup>1</sup>; E. Gratacós<sup>3</sup>; K. Nicolaidis<sup>4</sup>; J. Deprest<sup>1</sup>; J. Jani<sup>4</sup> <sup>1</sup>(Belgium); <sup>2</sup>(France); <sup>3</sup>(Spain); <sup>4</sup>(UK)</i>	OC272
12:13	Discussion	
12:21	Prenatal prediction of pulmonary hypoplasia in prolonged oligohydramnios before 26 weeks: clinical, biometric and pulmonary artery doppler velocimetry correlates <i>T. Loureiro; M. Cunha; J. Beires; M.J. Ferreira; J. Cabral; N. Montenegro (Portugal)</i>	OC273
12:26	Discussion	
11:15–12:30	Obstetric ultrasound	PDC 2nd Floor
	<i>Chairs: A. Tabor (Denmark); K. Hecher (Germany)</i>	
11:15	Repeated ultrasound of the foetal kidney can lead to adult-onset renal and cardiovascular disease <i>M. Schneider-Kolsky; L. Nougher; T. Griffiths; M. Silberstein; K. Moritz (Australia)</i>	OC274
11:20	Prenatal ultrasound scanning and the risk of schizophrenia and other psychoses <i>K. Stalberg; B. Haglund; O. Axelsson; S. Cnattingius; C. Hultman; H. Kieler (Sweden)</i>	OC275
11:25	Are women's choice of testing during pregnancy affected by mode of conception? <i>A. Gjerris; M. Christiansen; A. Loft; A. Tabor (Denmark)</i>	OC276
11:30	Discussion	
11:38	A comparison of sonographic criteria for antenatal diagnosis of placenta accreta <i>H. Wong; Y. Cheung; J. Zuccollo; J. Tait; K. Pringle (New Zealand)</i>	OC277
11:43	Correlation between 2D ultrasound and color Doppler, 3D Multiplanar technique and Magnetic Resonance with intra-surgical findings for the Diagnosis of Placenta Accreta <i>M. Herrera; M. Rebolledo; M. Duque; J. Prada (Colombia)</i>	OC278
11:48	Per-op digital dilatation of the internal cervical os: a useful technique to achieve a better ultrasonographic integrity of the uterine incision after caesarean section? <i>H. Yazicioglu; O. Sevket; M. Aygun; O. Ozyurt; Z. Cebi; R. Demirbas; B. Ozsoy (Turkey)</i>	OC279
11:53	Discussion	
12:02	Prenatal prediction of homozygous thalassaemia using ultrasonographic placental thickness, fetal cardiothoracic ratio, and middle cerebral artery Doppler <i>K. Leung<sup>1</sup>; L. Wang<sup>2</sup>; M. Tang<sup>1</sup>; Y. Lam<sup>1</sup> <sup>1</sup>(Hong Kong); <sup>2</sup>(China)</i>	OC280
12:07	Venous Doppler in the evaluation of fetal hydrops <i>C. Hofstaetter<sup>1</sup>; S. Gudmundsson<sup>2</sup> <sup>1</sup>(Germany); <sup>2</sup>(Sweden)</i>	OC281
12:12	Amniotic fluid isoprostanes levels in fetuses with cystic hygroma <i>A. Kenanidis; G. Centini; L. Rosignoli; R. Scarinci; M. Longini; S. Perrone; F. Petraglia; G. Buonocore (Italy)</i>	OC282
12:17	Clinical use of fetal urine production rate for differentiation of the causes of polyhydramnios <i>J. Lee; S. Lee; E. Lee; H. Lee; S. Lee; C. Park; J. Park; J. Jun; B. Yoon; H. Syn (Republic of Korea)</i>	OC283
12:22	Discussion	



# Program – Thursday 11 October

11:15–12:30 Interactive case examples focusing on new techniques

PDA Basement

- 11:15  
Chairs: *E. Epstein (Sweden); I. Timor-Tritsch (USA)*  
Saline vaginography for assessing the utero-vaginal septum  
*G. Condous (Australia)*
- 11:25  
4D pelvic ultrasound of the pelvic floor  
*H. Dietz (Australia)*
- 11:40  
Ultrasound contrast studies  
*A. Testa (Italy)*
- 11:55  
Three-dimensional saline contrast sonohysterography  
*E. Ferrazzi (Italy)*
- 12:10  
Practical application of 3D ultrasound in fertility  
*N. Raine-Fenning (UK)*



# Posters – Thursday 11 October 2007

see it all ● ● ●

## Oral poster presentations – sponsored by MEDISON

Discussion groups for oral posters: 10:00–10:45

Viewing available all day

### OP20: Fetal Doppler

Chairs: A. Papageorgiou (UK); C. Lees (UK)

	Abstract no.
Reference ranges for serial measurements of the cerebroplacental pulsatility index ratio based on longitudinal data <i>C. Ebbing (Norway)</i>	OP20.01
Normal reference values for the anterior cerebral artery throughout pregnancy <i>J. Benavides-Serralde (Spain)</i>	OP20.02
Sequential changes in the fetal aortic isthmus blood flow pattern in fetuses with intrauterine growth restriction and placental insufficiency <i>M. del Rio (Spain)</i>	OP20.03
Early changes in the anterior cerebral artery with respect to the middle cerebral artery in intrauterine growth restricted fetuses <i>J. Benavides-Serralde (Spain)</i>	OP20.04
Anterior cerebral artery improves the prediction of adverse perinatal outcome in small for gestational age fetuses with normal umbilical artery <i>D. Oros (Spain)</i>	OP20.05
Evaluation of the modified myocardial performance index in pregnancies complicated with gestational and pre-gestational diabetes <i>S. Illanes (Chile)</i>	OP20.06
Echocardiographic and biochemical parameters of heart function in IUGR fetuses at different stages of hemodynamic deterioration <i>F. Crispi (Spain)</i>	OP20.07
The use of a cardiac profile improves detection of heart dysfunction and prediction of poor perinatal outcome as compared with ductus venosus alone <i>F. Crispi (Spain)</i>	OP20.08
Differences in fetal fat distribution in the presence of abnormal umbilical artery Doppler waveforms <i>W. Giles (Australia)</i>	OP20.09
Fetal bowel blood flow: correlation with cerebral and placental circulation in normal fetuses and intra uterine growth restriction <i>R. Achiron (Israel)</i>	OP20.10
Fetal splenic artery Doppler velocimetry for the prediction of fetal anemia in cases of rhesus alloimmunization <i>R. Maciuleviciene (Lithuania)</i>	OP20.11
Umbilical Vein Blood Flow as a predictor of small-for-gestational-age fetus in a low risk population <i>S. Fernandez (Spain)</i>	OP20.12
The shift of umbilical-portal watershed in the growth-restricted fetus assessed by velocity measurement in the leftportal vein <i>J. Kessler (Norway)</i>	OP20.13
Does maternal Calcium supplementation affect fetal blood flow? <i>M. Thompson (United Kingdom)</i>	OP20.14

### OP23: Urogynecology

Chairs: A. Monteagudo (USA); A. Steensma (Netherlands)

	Abstract no.
Patients' perceptions of urodynamic studies performed with ultrasound versus fluoroscopy <i>L. Chan (Australia)</i>	OP23.01
Three-dimensional Power Doppler measurement of periurethral vascularization in fertile women. Preliminary observation. <i>S. Melappioni (Italy)</i>	OP23.02
Transperineal three-dimensional ultrasound for the evaluation of levator ani pathology in urogynecological patients <i>V. Eisenberg (Israel)</i>	OP23.03
Validation of transperineal ultrasound examination in the evaluation of urogynecological patients <i>V. Eisenberg (Israel)</i>	OP23.04
Post-procedure 3D transperineal ultrasound evaluation of tension-free vaginal tape placement <i>D. Valsky (Israel)</i>	OP23.05
Defects and anal incontinence after primary repair of 4th degree sphincter rupture - an endo-anal study of the sphincter complex and the m. puborectalis <i>A. Sakse (Denmark)</i>	OP23.06
Rate and possible risk factors for levator ani muscle trauma in primiparas after term vaginal birth <i>D. Valsky (Israel)</i>	OP23.07
Transperineal three-dimensional ultrasound for pelvic floor evaluation following 3rd and 4th degree perineal tears <i>V. Eisenberg (Israel)</i>	OP23.08
Ultrasonographic anatomy of perineum during pregnancy and immediately following obstetric injury <i>A. Orm (Sweden)</i>	OP23.09
Inter-rater reliability of pelvic floor muscles imaging abnormalities with 3D ultrasound <i>D. Pretorius (United States)</i>	OP23.10

Presentation: PDA Basement

Viewing: PDC 1.01

# Posters – Thursday 11 October 2007

Abstract no.

PDC 2.02

## OP24: Fetal therapy II

Chairs: A. Gagnon (Canada); S. Yagel (Israel)

Quintero staging of twin-twin transfusion syndrome: an update <i>R. Quintero (United States)</i>	OP24.01
Fetoscopic laser photocoagulation for twin-twin transfusion syndrome in Japan <i>H. Sago (Japan)</i>	OP24.02
Recovery of cardiac function in recipient twins following laser for Stage 4 TTTS <i>A. Martin (Canada)</i>	OP24.03
Early changes in fetal cardiac function following fetoscopic selective laser coagulation of placental anastomoses for severe twin-to-twin transfusion syndrome <i>J. Stirnemann (France)</i>	OP24.04
Management of high-order multiples complicated by TRAP sequence <i>R. Chmait (United States)</i>	OP24.05
What is pulsatile umbilical venous flow? <i>Z. Russell (United States)</i>	OP24.06
3D ultrasound and MRI of fetal cervical cystic lymphangioma for intrapartum treatment planning <i>L. Franceschetti (Italy)</i>	OP24.07
Normal fetal urine production rate estimated with three-dimensional ultrasonography using the rotational technique (virtual organ computer-aided analysis) <i>F. Fuchs (France)</i>	OP24.08
Proposal for open randomized trial comparing perinatal outcome following expectant management versus amnioinfusion in PPROM <25 wks with persistent oligohydramnios (AMNIOINFUSION INITIATIVE) <i>A. Locatelli (Italy)</i>	OP24.09
Ultrasonic fetal and placental tissue characterisation and the role of 3D and Doppler ultrasound in lung maturity <i>P. Podobnik (Croatia)</i>	OP24.10
Assessment of fetal and placental blood flow with contrast agent (SonoVue) in late pregnancy mouse <i>X. Chen (China)</i>	OP24.11

## OP25: First trimester screening for Down syndrome and abnormal pregnancy outcome

PDC 2. Sala Verde

Chairs: P. Calda (Czech Republic); D. Nyberg (USA)

First trimester combined screening: prospective evaluation of performance in an OSCAR setting <i>J. Johnson (Canada)</i>	OP25.01
Sequential combined ultrasound and biochemical screening of fetal chromosomal disorders in the first and second trimester of pregnancy in Russia <i>A. Koroteev (Russian Federation)</i>	OP25.02
Fetal Medicine Foundation Germany (FMF-D): a new approach to calculating the risk of chromosomal abnormalities with first-trimester screening data (11+1 – 14+0 weeks) <i>E. Merz (Germany)</i>	OP25.03
Integrated test as a safe screening method for Down syndrome <i>C. Dall'Amico (Italy)</i>	OP25.04
First trimester combined screening for Trisomy 21 in a predominantly Chinese population <i>T. Lau (Hong Kong)</i>	OP25.05
Maternal serum ADAM12 levels in Down syndrome pregnancies during the first trimester <i>M. Ryyanen (Finland)</i>	OP25.06
Outcome of low PAPP-A pregnancies in a community-based first trimester screening program <i>B. Hewitt (Australia)</i>	OP25.07
Enlarged NT and chromosomal anomalies: not only Down screening <i>E. Timmerman (Netherlands)</i>	OP25.08
Enlarged Jugular Lymphatic Sacs with thin nuchal translucency at 11–14 weeks' gestation <i>E. Quarello (France)</i>	OP25.09
Intra and inter observer variability and reproducibility of biparietal diameter and crown rump length for ultrasound dating at 11–14 weeks of gestation <i>L. Salomon (France)</i>	OP25.10
Screening for fetal anomalies in early pregnancy (1996–2005): advantages and limitations <i>L. Hemádi (Hungary)</i>	OP25.11
Nuchal translucency reference range curve in quito – Ecuador <i>H. Loza (Ecuador)</i>	OP25.12
Perinatal outcome of twin fetuses with increased nuchal translucency and normal karyotype <i>A. Goncé (Spain)</i>	OP25.13
First trimester maternal serum screening for Down syndrome in Denmark: performance, parameters and centralised Quality Control in 23653 Pregnancies from 17 Centers <i>M. Christiansen (Denmark)</i>	OP25.14

# Posters – Thursday 11 October 2007

	Abstract no.
Assesment of risk of trisomy 21 by maternal age and fetal nuchal translucency thickness in 7096 unselected pregnancies in Slovenia <i>D. Strah (Slovenia)</i>	OP25.15
13–14 weeks fetal anatomy scan by transabdominal and transvaginal sonography. Obstacles and benefits. <i>A. Perolo (Italy)</i>	OP25.16

## Posters (view only)

### P46: Fetal Circulation

	PDC G.04
Doppler indices are biased by vessel curvature: perspectives for clinical implementation of corrective algorithms <i>T. Todros (Italy)</i>	P46.01
Analysis of the hemodynamics of fetal renal artery and fetal renal volume during the normal course of pregnancy <i>H. Inoue (Japan)</i>	P46.02
How can we recognize the very early stage of brain sparing effect? <i>A. Keresztúri (Hungary)</i>	P46.03
Peripartum cerebral arterial and venous blood flow changes in intrauterine growth restricted babies <i>Y. Baytur (Turkey)</i>	P46.04
Umbilical artery Doppler study as a predictive marker of perinatal outcome in preterm pregnancies with small for gestational age <i>H. Kim (Republic of Korea)</i>	P46.05
Evaluation of IUGR by umbilical Doppler examination <i>D. Mihai (Romania)</i>	P46.06
Perinatal outcome according to umbilical artery blood flow velocity waveform of term pregnancies with small for gestational age pregnancies <i>H. Kim (Republic of Korea)</i>	P46.07
Blood flow in pregnancies complicated with IUGR <i>E. Romejko-Wolniewicz (Poland)</i>	P46.08
Severely abnormal flow patterns in the ductus venosus in the presence of otherwise normal fetal Doppler parameters in two cases with severe IUGR <i>A. Diemert (Germany)</i>	P46.09
Changes in the ductus venosus in fetuses with growth restriction <i>A. Chanthasenanont (Thailand)</i>	P46.10
Changes of the ductus venosus in intrauterine growth restriction fetuses during maternal hyperoxygenation <i>A. Chanthasenanont (Thailand)</i>	P46.11
Evaluation of the steroid effect on the placenta circulation with use of a new Doppler technique (Pixel-Flux) in cases of abnormal and normal fetal growth <i>F. Stener Jorgensen (Denmark)</i>	P46.12
Effect of oral supplementation with nitric oxide donor on fetomaternal hemodynamic <i>M. Ropacka (Poland)</i>	P46.13
Foetal motor activity as a diagnostic tool in IUGR fetuses <i>F. Vanacore (Italy)</i>	P46.14
Clinical usefulness of fetal urine production in borderline oligohydramnios <i>K. Oh (Republic of Korea)</i>	P46.15
The effect of maternal hydration on Amniotic fluid Index(AFI) <i>N. Lorzadeh (Islamic Republic of Iran)</i>	P46.16

### P47: Prenatal diagnosis and fetal sex determination

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The value of new portable ultrasound in clinical practice-two prospective randomized studies <i>F. Nassir (Germany)</i>	P47.01
Ultrasound training in the resident training program at the UP-PGH and performance in the certifying examinations <i>V. de Jesus (Philippines)</i>	P47.02
The genetic sonogram value in the risk calculation of the fetal aneuploidy <i>P. Sieroszewski (Poland)</i>	P47.03
Diagnosis of major fetal malformations in type 1 and type 2 diabetic women in a large multi-ethnic region in the UK <i>N. Shah (United Kingdom)</i>	P47.04
Our experience as third level center for prenatal diagnosis <i>A. Simionescu (Romania)</i>	P47.05
Diagnosing of fetal anomalies: Jakarta's experience <i>A. Salim (Indonesia)</i>	P47.06
Doctor's attitude towards invasive prenatal diagnosis <i>S. Pitukkijronnakorn (Thailand)</i>	P47.07
Late termination of pregnancy: six years experience in a single United Kingdom tertiary centre <i>L. Pasquini (United Kingdom)</i>	P47.08

# Posters – Thursday 11 October 2007

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Late abortion for fetal anomalies: 10 cases experience in one tertiary center in Taiwan and report of a novel method (fetal cardiac tamponade) <i>C. Hui-Ying (Taiwan)</i>	P47.09
Possible aetiological role of recurrent cytomegalovirus infection in case of non-immune hydrops fetalis <i>A. Keresztúri (Hungary)</i>	P47.10
Accuracy of fetal sex determination after 16 weeks gestation <i>H. Scott (Canada)</i>	P47.11
Ease of fetal sex determination after 18 weeks gestation <i>H. Scott (Canada)</i>	P47.12
Prenatal diagnosis of abnormal sex differentiation <i>D. Smetanova (Czech Republic)</i>	P47.13
Early prenatal diagnosis of severe micropenis after IVF-ICSI <i>B. Bashiri (Israel)</i>	P47.14
Turner syndrome with gastroschisis: a case report <i>A. Kim (Republic of Korea)</i>	P47.15
<b>P48: Urogynecology</b>	<b>PDC 1.01</b>
Anatomic defects in the puborectalis muscle in women with fecal incontinence <i>D. Pretorius (United States)</i>	P48.01
Sonographic diagnosis of bladder endometriosis <i>C. Exacoustos (Italy)</i>	P48.02
Integration of imaging studies and endoscopic management of purulent vaginal discharge: undiagnosed vaginal ectopic ureter associated with ipsilateral dysplastic pelvic kidney and bicornuate uterus <i>A. Chao (Taiwan)</i>	P48.03
Evaluation of bladder neck by perineal ultrasound before and after surgical repair of pelvic organ prolapse <i>M. Nishibayashi (Japan)</i>	P48.04
Transvaginal ultrasound evaluation of bladder and urethra wall thickness in postmenopausal women with urinary stress and urge incontinence <i>S. Wozniak (Poland)</i>	P48.05
Ultrasound assessment of lower urinary tract structures in women with urinary incontinence <i>S. Wozniak (Poland)</i>	P48.06
Transvaginal pelvic sonography for the diagnosis of vaginal and uterine fistulas <i>R. Kedar (Israel)</i>	P48.07
Three-dimensional ultrasound assessment of urethrae in incontinent women <i>K. Cendrowski (Poland)</i>	P48.08
Transvaginal sonography assessment of levator ani muscles in incontinent women <i>K. Cendrowski (Poland)</i>	P48.09
<b>P51: Fetal Therapy</b>	<b>PDC 2.03</b>
Non-invasive diagnosis of fetomaternal hemorrhage by Doppler assessment of the Middle Cerebral Artery peak systolic velocity: a longitudinal prospective study <i>E. Cosmi (Italy)</i>	P51.01
Increased middle cerebral artery systolic velocity in maternal red cell alloimmunization – false positive Doppler ultrasonography <i>E. Gottschalk (Germany)</i>	P51.02
The management and treatment of fetal hemolytic disease due to anti-ku alloimmunization with serial intrauterine transfusions to the fetus and recombinant erythropoietin to the mother <i>N. Mantas (Greece)</i>	P51.03
Perinatal results of Rh-negative alloimmunized pregnancies after intra-uterine transfusion <i>P. Nowak (Brazil)</i>	P51.04
Non-invasive fetal hemoglobin evaluation near term <i>E. Cosmi (Italy)</i>	P51.05
Middle cerebral artery (MCA) Doppler velocimetry during fetal therapy with intravenous immunoglobulin for neonatal haemochromatosis <i>D. Ellwood (Australia)</i>	P51.06
Intrauterine transfusion (IUT) of Mesenchymal Stem Cells in two fetuses with severe fractures lead to no postnatal fractures up to 1 and 2 years of age <i>M. Yamamoto (Chile)</i>	P51.07
Nomogram of amniotic fluid volume using VOCAL technique in first trimester of pregnancy: a pilot study <i>L. Rôlo (Brazil)</i>	P51.08
Amniotic fluid enzyme profile and immunoistochemistry in MMIHS <i>C. Celentano (Italy)</i>	P51.09
New applications of real time 3D ultrasound for fetal volumetric imaging <i>M. Takaoka (Japan)</i>	P51.10
The practical use of 3D rendering for routine screening of the fetal spine <i>D. Wood (United States)</i>	P51.11

# Posters – Thursday 11 October 2007

Abstract no.

Preoperative ultrasound view of placental surface vessels in Twin-Twin Transfusion Syndrome <i>T. Murakoshi (Japan)</i>	P51.12
Velamentous arterio-arterial anastomosis: A cause of technical failure of laser endoscopic surgery in twin-twin transfusion syndrome <i>W. Sepulveda (Chile)</i>	P51.13
Coagulation and section of the umbilical cord in a 21 weeks' gestation monochorionic monoamniotic twins discordant for cardiosplenic syndrome <i>A. Olivella (Spain)</i>	P51.14
Prenatal assessment of fetuses with congenital diaphragmatic hernia: experience of a referral centre <i>J. Deprest (Belgium)</i>	P51.15
Transitory fetal renal failure due to angiotensin receptor blockers <i>C. Celentano (Italy)</i>	P51.16
Experience in prediction of severe fetal anemia in Rh-alloimmunization <i>E. Shelaeva (Russian Federation)</i>	P51.17



## Sponsors' activities

	MONDAY 8 OCTOBER	TUESDAY 9 OCTOBER	WEDNESDAY 10 OCTOBER
<b>PDC Auditorium</b>	<p><b>GE</b></p> <p><b>Satellite symposium 12:45–13:45</b></p> <p><b>Clinical application of the latest developments in Volume Ultrasound</b> Chair: <a href="#">Prof. G. Pilu</a></p> <p>Fetal heart early assessment <a href="#">Prof. D. Paladini</a></p> <p>New ultrasound tools in obstetric examination <a href="#">Dr. B. Benoit</a></p> <p>Automation in ultrasound – latest developments <a href="#">Dr. A. Abuhamad</a></p>	<p><b>SIEMENS</b></p> <p><b>Satellite symposium 12:45–13:45</b></p> <p><b>Fetal posterior fossa anomalies. From routine ultrasound to diagnostic imaging</b> Chair: <a href="#">Prof. G. Pilu</a> Speaker: <a href="#">Prof. L. Guibaud</a></p>	<p><b>MEDISON</b></p> <p><b>Satellite symposium 12:45–13:45</b></p> <p>Science of 3D diagnosis <a href="#">Prof. W. Sepulveda</a></p> <p>Volume Analysis with 3D XI and STIC <a href="#">Dr. R. Bataeva</a></p> <p>Art of Perfect 3D images <a href="#">Dr. K. Kalache</a></p>
<b>PDC 2. Sala Verde</b>	<p><b>ISUOG poster program</b></p>	<p><b>GE</b></p> <p><b>Satellite Education Area 09:00–17:00</b></p> <p><b>Meet the experts</b> 10:30–11:15 Fetal heart assessment &amp; live scanning <a href="#">Prof. R. Chaoui</a></p> <p>13:00–14:00 Advanced features application in obstetric assessment <a href="#">Dr. B. Benoit</a></p> <p>16:00–16:30 Volume ultrasound – standard and new tools for gynecology examination <a href="#">Dr. N. Raine-Fenning</a></p>	<p><b>GE</b></p> <p><b>Satellite Education Area 09:00–17:00</b></p> <p><b>Meet the experts</b> 10:30–11:15 Fetal heart assessment &amp; live scanning <a href="#">Dr. G. DeVore</a></p> <p>13:00–14:00 Ultrasound examination of the central nervous system <a href="#">Prof. G. Pilu</a></p> <p>15:30–16:00 STIC in the fetal heart assessment</p>
<b>PDA 4</b>	<p><b>MEDISON</b></p> <p><b>Satellite Education Area 09:00–17:00</b></p> <p>10:30–11:15 1. Interactive program with Clinical cases on PC with 3D-XI software 2. A practical approach to day to day 2D ultrasound scanning <a href="#">Prof. W. Sepulveda</a></p> <p>12:30–14:00 1. A Practical Introduction to 3D Ultrasound Offline Analysis <a href="#">Dr. K. Kalache</a></p> <p>2. Live scanning</p> <p>15:30–16:00 1. Obstetric Pathology and 3D XI Volume Analysis <a href="#">Prof. W. Sepulveda</a></p> <p>2. Live scanning</p>	<p><b>MEDISON</b></p> <p><b>Satellite Education Area 09:00–17:00</b></p> <p>10:30–11:15 1. Fetal Echocardiography – Volume Analysis with 3D XI and XI STIC <a href="#">Dr. R. Bataeva</a></p> <p>2. How to acquire a 3D volume scan for off line analysis <a href="#">Dr. Kalache</a></p> <p>16:00–16:30 1. Interactive program with Clinical cases on PC with 3D-XI software 2. Live scanning</p>	<p><b>MEDISON</b></p> <p><b>Hospitality suite</b></p> <p>10:30–11:15 1. Interactive program with clinical cases on PC with 3D-XI software 2. 4D ultrasound and 3D XI for the fetal face and the brain <a href="#">Dr. A. Jurisic</a></p> <p>12:30–14:00 1. Interactive program with clinical cases on PC with 3D-XI software 2. Live scanning program</p> <p>15:30–16:00 1. Interactive program with clinical cases on PC with 3D-XI software 2. Live scanning program</p>
<b>PDA 3.01</b>	<p><b>SIEMENS</b></p> <p><b>Hospitality suite</b></p> <p>10:30–11:15 Live scanning 12:30–14:00 Live scanning 15:30–16:00 Live scanning</p>	<p><b>SIEMENS</b></p> <p><b>Hospitality suite</b></p> <p>10:30–11:15 Live scanning 12:30–14:00 Live scanning 16:00–16:30 Live scanning</p>	<p><b>SIEMENS</b></p> <p><b>Hospitality suite</b></p> <p>10:30–11:15 Live scanning 12:30–14:00 Live scanning 15:30–16:00 Live scanning</p>
<b>PDA 3.02</b>	<p><b>PHILIPS</b></p> <p><b>Hospitality suite</b></p> <p><b>Scan with the experts</b> (program in progress at time of print, please refer to delegate bag insert)</p>	<p><b>PHILIPS</b></p> <p><b>Hospitality suite</b></p> <p><b>Scan with the experts</b> 10:30–11:00 The roadmap of volumetric imaging in the obstetric ultrasound scan <a href="#">Dr. T.K. Lau</a></p> <p>11:00–11:15 Scan with the expert <a href="#">Dr. T.K. Lau</a></p> <p>12:30–13:00 Scanning the technically difficult patient <a href="#">Dr. J. Cope</a></p> <p>13:00–13:30 Scan with the expert <a href="#">Dr. J. Cope</a></p> <p>16:00–16:30 Anatomical evaluation with Live Volume Imaging <a href="#">Dr. W. Lee</a></p>	<p><b>PHILIPS</b></p> <p><b>Satellite Education Area 09:00–17:00</b></p> <p>10:30–11:30 Modalities for scanning the fetus including the heart: 2D vs Mechanical volumetric Imaging vs xMATRIX volumetric Imaging <a href="#">Prof. K. Kalache</a></p> <p>12:30–13:30 Scanning the difficult to image patient with the new Pure Wave Single Crystal Transducer <a href="#">Dr. B. Thilaganathan</a></p> <p>15:30–16:00 3D in Neurosonology <a href="#">Prof. T. Frusca</a> and <a href="#">Dr. G. Nazzaro</a></p>



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# Exhibitor profiles

## **ALOKA Holding Europe AG**

**Stand no: 31 & 24**

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Contact: *Yvonne Lauper*

**ALOKA Co. Ltd.**, the world's largest independent and dedicated diagnostic ultrasound company, cordially invites you to experience the **Advanced ProSound Technologies** of our premium digital ultrasound systems. Please visit us at our booth no. 31 and at our live scanning demonstration session at ISUOG 2007 in Florence.

## **Astraia Software GmbH**

**Stand no: 18**

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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. Five modules are currently available: Antenatal Diagnosis, Gynaecological Ultrasound, Breast Screening, Colposcopy, Fetal Echocardiography.

## **Ashva Technologies**

**Stand no: 6**

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Contact: *Mohan Mysore*

In the field of Medical Technology, where cutting-edge solutions matter, Ashva has strived to manage knowledge in the most efficient ways – developing functionality driven, cost-effective IT solutions for healthcare. Ashva is one of the leading providers of Image Management & reporting software for Ultrasound and Endoscope. Ashva has over 500 installs worldwide and has received FDA clearance for its Ultrasound application. Ashva helps its partners in providing superior value to the end users. In addition, Ashva offers PACS and PACS components.

## **Bi-Tech srl**

**Stand no: 8**

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Website: [www.bi-tech.it](http://www.bi-tech.it)

Contact: *Alessia Valenti*

Bi Tech is the first and only Italian laboratory to be certified by the Fetal Medicine Foundation for first trimester Down's syndrome screening. Its database includes over 200.000 completed cases of combined biochemical and ultrasonographic screening. Highly specialized in the obstetrical and gynaecological field Bi Tech was one of the first laboratories in Italy to promote HPV screening in the prevention of cervical cancer. Bi Tech provides to private and public centers full service assistance, gathering samples, performing highly specialized analysis and returning the result directly to the clinician and the patient. Bi Tech is also involved in the research field supporting studies regarding Down's syndrome screening and HPV with the University of Milan.

## **BRAHMS Aktiengesellschaft**

**Stand no: 30a & 28**

Neuendorfstrasse 25, 16761 Hennigsdorf,

Germany

Website: [www.brahms.de](http://www.brahms.de)

**BRAHMS Aktiengesellschaft** specialises in innovative products which facilitate earlier diagnosis of diseases and better control of therapy, thus enabling doctors to provide more efficient and economic patient care.

Major fields of activity are laboratory tests in prenatal screening, thyroid diseases, oncology, and sepsis.

## **Cook Medical**

**Stand no: 9**

National Technology Park, Limerick, Ireland

Tel: +353 61 334440

Website: [www.cookmedical.com](http://www.cookmedical.com)

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Competing against disease, we strive to provide assurance to clinicians and patients that our devices and technologies exceed their performance expectations. Our quality standards have developed from a history of close collaboration with physicians and nurses. Together, better patient care is a promise we can deliver with confidence.

# Exhibitor profiles

## ContextVision AB

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 Website: [www.contextvision.com](http://www.contextvision.com)  
 Contact: *Lilian Rivera*

Stand no: 19

ContextVision is the software imaging partner to the most recognized 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).

## Emmeci Sistemi Informatici

Via Triggiano 44, 70010 Capurso (BA), Italy  
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 Contact: *Marciano Ciro*

Stand no: 15

Emmeci Sistemi Informatici is a young company that develops medical database software. The main product is "EGGYN" that is for OB/GYN specialists. Over 20 specialists use this software. Emmeci Sistemi Informatici è una giovane realtà sviluppa software in ambito medico. Il suo prodotto di punta è "EGGYN" dedicato agli specialisti in ostetricia e ginecologia. Oltre 20 specialisti usano questo software.

## Esaote S.p.A.

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 Website: [www.esaote.com](http://www.esaote.com)

Stand no: 33 & 23

Esaote, the leading European manufacturer of diagnostic medical imaging equipment, is proud to present its MyLab family of ultrasound systems at the 2007 ISUOG congress. Visitors to the Esaote stand will see the new GOLD platform MyLab70XVG, as well as the MyLab15/20, MyLab25 and MyLab50. The systems are part of Esaote's MyLab World, a virtual environment in which the latest imaging technologies converge to offer OB/GYN ultrasound professionals the solutions they need.

## Finderm Farmaceutici

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 Website: [www.finderm.it](http://www.finderm.it)  
 Contact: *Melita Jozzia*

Stand no: 16

From the Sicilian Etna Valley Finderm farmaceutici srl is a fresh and a high specialized reality in gynaecology with its own portfolio of near thirty products all for the woman wellbeing. Besides Finderm farmaceutici srl is a company specialized in production and packaging, on behalf of third parties, of food integrators in forms like hard and soft gelatine capsules even of vegetable origin and tablets, too. Our laboratory has the trust and agreement of many pharmaceutical and parapharmaceutical companies thanks also to our relation quality-price.

## GE Healthcare



### GE Healthcare

GE Ultraschall Deutschland GmbH,  
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 Germany  
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 Website: [www.gehealthcare.com](http://www.gehealthcare.com)

Stand no: 37 & 22

GE Healthcare provides transformational medical technologies that will shape a new age of patient care. GE Healthcare's expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, disease research, drug discovery and biopharmaceuticals is dedicated to detecting disease earlier and tailoring treatment for individual patients. GE Healthcare offers a broad range of Ob/Gyn dedicated products and services to enable healthcare providers to better diagnose, treat and manage patients. For more information visit our booth, we are looking forward to welcome you at our lunch symposium and meet the expert sessions, detailed schedules in the program.

# Exhibitor profiles

## Informa Healthcare

Stand no: 10

Telephone House, 69–77 Paul Street,  
London EC2A 4LQ, UK

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Contact: Helen Lomas

Informa Healthcare has a large portfolio of books and journals which service the Obstetrics and Gynecology market. Journals include Climacteric, The European Journals of Contraception and Reproductive Health Care, Journal of Obstetrics and Gynaecology, Gynecological Endocrinology, Acta Obstetrica et Gynecologica Scandinavica, Journal of maternal-Fetal and Neonatal Medicine. Books include Obstetric-Based Guidelines and Atlas of Operative Laparoscopy and Hysteroscopy. Go to [www.informaworld.com](http://www.informaworld.com) for further information.

## International Vasa Previa Foundation, Inc.

P.O. Box 272293, Boca Raton, FL 33427-2293, USA

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Website: [ivpf.org](http://ivpf.org)

Contact: Amy Brown Gaghagen, President /  
Victoria Goldstein, PR

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

## ISUOG

Stand no: 38a

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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. ISUOG now has more than 2,800 members in over 94 countries worldwide. All full paying delegates in Florence will automatically be registered as members of ISUOG for 2008 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 2008 World Congress in Chicago, USA (24–28 August 2008). Our publishers Wiley-Blackwell will be available at our stand to answer your questions.

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Contact: Ms Sigrid Lanzillotti

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## Medison Co. Ltd

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Website: [www.medison.com](http://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-two 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.

# Exhibitor profiles

## Shenzhen Mindray Bio-Medical Electronics Co., Ltd.

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Contact: Rolen

MINDRAY has been devoting great efforts on our advanced ultrasound technologies. With extended global network, we provide affordable and high quality ultrasound imaging systems and excellent after service to whom need trustworthy imaging diagnosis.

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## Perkin Elmer Life and Analytical Sciences, Inc

Stand no: 14

Center of Excellence, Wallac Oy, PO Box 10,  
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Tel: + 358 2 2678 111  
Fax: + 358 2 2678 357  
Website: [www.perkinelmer.com](http://www.perkinelmer.com)

With its wide range of test kits, instruments and software, PerkinElmer offers the components needed for cost-effective and successful genetic screening. PerkinElmer is recognized as the world's leading supplier to newborn screening programs and is also committed to developing better tools for monitoring health during pregnancy. PerkinElmer will be presenting new products based on high resolution, fast, array CGH technology, and is investigating PP13, a proposed marker for 1st trimester identification of pregnancies at high risk of pre-eclampsia. PerkinElmer is also researching the potential of ADAM-12 as a 1st and 2nd trimester marker for trisomy disorders.

## PHILIPS

### Philips Medical Systems

Stand no: 39 & 26

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Fax: + 49 7031/4632323  
Email: [pms.boeblingen@philips.com](mailto:pms.boeblingen@philips.com)  
Website: [www.medical.philips.com](http://www.medical.philips.com)  
Contact: Philips Medical Response Center

Royal Philips Electronics is a global leader in healthcare, lifestyle and technology, delivering products, services and solutions through the brand promise of "sense and simplicity".

## Shantou Institute of Ultrasonic Instruments

Stand no: 13

77 Jinsha Road, Shantou 515041,  
Guangdong, China  
Tel: + 86 754 8250 150  
Fax: + 86 754 8251 499  
Email: [siui@siui.com](mailto:siui@siui.com)  
Website: [www.siui.com](http://www.siui.com)  
Contact: Cindy Zheng

Shantou Institute of Ultrasonic Instruments (SIUI) has been engaged in R&D, manufacture and sale of ultrasonic instruments since early 1960s. As a leading ultrasound equipment manufacturer in China and a state key high-tech enterprise, SIUI is dedicated to supplying high performance products. Nowadays, SIUI is qualified by certification bodies and has received ISO9001, CE, FDA and CMD approvals. More than 45,000 ultrasound systems have been delivered for service in over 90 countries and areas.

## SIEMENS

### Siemens AG Medical Solutions

Stand no: 32 & 21

Henkestr. 127, Erlangen, D-91052, Germany  
Tel: + 49 9131/84-0  
Fax: + 49 9131/84-2924  
Email: [med.kbc.gms@siemens.com](mailto:med.kbc.gms@siemens.com)  
Website: [www.Siemens.com/medical](http://www.Siemens.com/medical)

Siemens Medical Solutions of Siemens AG (NYSE: SI) is one of the world's largest suppliers to the healthcare industry. The company is known for bringing together innovative medical technologies, healthcare information systems, management consulting, and support services, to help customers achieve tangible, sustainable, clinical and financial outcomes. Recent acquisitions in the area of in-vitro diagnostics mark a significant milestone for Siemens as it becomes the first full service diagnostics company.



# Exhibitor profiles

## Socrate Medical s.r.l

Stand no: 4-5

Via Raffaello Sanzio,  
18 – 20090 Cesano Boscone (Mi), Italy

Tel: + 39 02 45862412

Fax: + 39 02 45863801

Email: [info@socratemedical.it](mailto:info@socratemedical.it)

Website: [www.socratemedical.it](http://www.socratemedical.it), [www.socratemedical.com](http://www.socratemedical.com)

Contact: *Laura Gatti*

Socrate Medical is a solution and service provider in the electro-medical and diagnostic imaging sectors which sets itself as single point-of-contact for GP's, medical specialists, veterinarians, hospitals and diagnostic centers.

## TOMA Advanced Biomedical Assays

Stand no: 7

Via Francesco Ferrer 25/27, Busto Arsizio,  
Varese, Italy

Tel: + 39 0331-652911

Fax: + 39 0331-652919

Email: [bsantagata@tomalab.com](mailto:bsantagata@tomalab.com)

Website: [www.tomalab.com](http://www.tomalab.com)

Contact: *Bruno Sant'Agata*

**Toma** is a private analysis laboratory that has been offering its services to clients, for over 30 years. Toma is known nationally and worldwide as an outstanding center in the field of prenatal diagnosis. It was the first Italian private analysis laboratory and among the first ones in the world dealing with prenatal diagnosis. Toma exhaustively studied a vast number of different cases, among which were over 100,000 concerning amniotic fluid cells and over 30,000 samples of chorionic villi.

## TOSHIBA

Leading Innovation >>>

### Toshiba Medical Systems Europe BV

Stand no: 30b & 27

Zilverstraat 1, 2718 RP Zoetermeer,  
The Netherlands

Tel: + 31 (0)79 - 368 9222

Fax: + 31 (0)79 - 368 9444

Email: [info@tmse.nl](mailto:info@tmse.nl)

Website: [www.toshiba-europe.com/medical](http://www.toshiba-europe.com/medical)

For over 130 years, Toshiba's research and development has improved the health and welfare of people around the world. Today, Toshiba Medical Systems offers a full range of high quality imaging products and is a reliable partner in more than 110 countries. In accordance to our Made for Life commitment we will continue to develop innovations that improve patient care and provide lasting quality for a lifetime of value. Toshiba: Made for Patients, Made for You, Made for Life!

### Ultrasonix Medical Corporation

Stand no: 11-12

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

Tel: + 1 604 279 8550

Fax: + 1 604 279 8559

Email: [info@ultrasonix.com](mailto:info@ultrasonix.com)

Website: [www.ultrasonix.com](http://www.ultrasonix.com)

Ultrasonix Medical corporation is a privately held corporation specializing in diagnostic ultrasound. Ultrasonix is dedicated to providing its customers with superior ultrasound solutions and support. Working in partnership with a growing global network, Ultrasonix is constantly expanding its leading edge technology available around the world.



## Exhibitor profiles

### Wisepress Online Bookshop

The Old Lamp Works, 25 High Path,  
Merton Abbey, London SW19 2JL, UK

Tel: + 44 20 8715 1812

Fax: + 44 20 8715 1722

Email: [bookshop@wisepress.com](mailto:bookshop@wisepress.com)

Website: [www.wisepress.com](http://www.wisepress.com)

Contact: *Nadia Ahmed*

Wisepress.com, Europe's leading conference bookseller, has a complete range of books and journals relevant to the themes of the meeting. Books can be purchased at the stand or, if you would rather not carry them, posted to you – Wisepress will deliver worldwide. In addition to attending 250 conferences per year, Wisepress has a comprehensive medical and scientific bookshop online with great offers, some up to 40% off the publisher list prices.

Stand no: 29

### ZONARE Medical Systems, Inc. (USA) and ZONARE Medical Systems GmbH

Henkestrasse 91, 91052 Erlangen, Germany

Tel: + 49 (0)9131-974.940

Fax: + 49 (0)9131-974.9410

Email: [info@zonare.de](mailto:info@zonare.de)

Website: [www.zonare.com](http://www.zonare.com)

Contact: *Andrea Franke*

Stand no: 38b

Zone Sonography™ Technology has enabled ZONARE Medical Systems to bring its unique, patented Convertible Ultrasound™ platform to the industry providing premium image quality and performance together with portability. Clinicians are able to convert the z.one system at the touch of a button from a full-featured, cart-based system into a 5.5lb premium compact unit, offering a wide variety of clinical imaging applications. Premium Performance, Clinical Versatility, Unique Convertibility and Easy Upgradeability. Anytime. Anywhere.



# Social program

## Social functions

Please book tickets for any of the functions below at the registration desk. Tickets are subject to availability and will be offered on a first-come, first-served basis.

### Opening ceremony and welcome reception

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

Sunday 7 October 2007

17:30–21:30

Palazzo dei Congressi and gardens of the Congress centre

Day delegates and additional tickets €30

### Congress party

see it all ● ● ●

Sponsored by **MEDISON**

Tuesday 9 October 2007

19:30

Palazzo Borghese

Via Ghibellina, 110

50122 Firenze

Join us for an evening's entertainment at Florence's historic Palazzo Borghese, an ancient palace whose origins date back 600 years.

Cost per person: €75 (*Tickets are strictly limited*)

Dress: Lounge suit

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



**PALAZZO BORGHESE**



## Accompanying person's program

An accompanying person's program is being offered and includes the Florence walking tour plus two other tours of your choice.

- Florence Walking Tour: discover Florence's famous sites on foot, from the Medicean Chapels and palaces to the vibrant market stalls.
- Uffizi Gallery Tour: one of the most famous galleries in the world, admire works of art by Botticelli, Michelangelo, Leonardo da Vinci, Raffaello, Giotto, Cimabue and Masaccio.
- Shopping Outlet Afternoon: shop in some of Italy prestigious fashion stores, such as Prada, Dolce & Gabbana, Valentino and Gucci.
- Pisa Trip: drive through the fertile and picturesque Tuscan countryside to the famous city of Pisa with its celebrated Leaning Tower.
- Guided Wine and Olive Oil tasting tour: enjoy a pleasant afternoon in a typical Tuscan wine shop with an oil and wine expert, includes tastings and canapés.

You will also receive:

- Lonely Planet Guide to Florence
- welcome reception ticket
- entrance to the exhibition hall for lunch and coffee breaks

We hope you enjoy discovering Florence!

Cost per person: €200.00



# ISUOG business meetings

Date	Start time	End time	Meeting	Room
Saturday 6 October	09:00	18:00	ISUOG Board	PDC Belvedere
Sunday 7 October	13:00	17:30	Safety Committee & WFUMB	PDC 2.03
Monday 8 October	08:00	08:30	Session Chairs' Briefing	PDC Auditorium
Monday 8 October	12:30	14:00	Editorial Board	PDC Belvedere
Monday 8 October	14:00	16:00	Editorial Board Workshop	PDC Belvedere
Monday 8 October	16:00	17:30	New Media Committee	PDC 1.03
Tuesday 9 October	08:30	10:00	Education Committee	PDC Belvedere
Tuesday 9 October	12:30	14:00	Scientific Committee	PDC Belvedere
Tuesday 9 October	12:30	14:00	3D Focus Group	PDC 1.03
Tuesday 9 October	14:00	15:00	Chicago Local Organising Committee	PDC Belvedere
<b>Tuesday 9 October</b>	<b>15:30</b>	<b>16:00</b>	<b>Annual General Meeting (ALL DELEGATES)</b>	<b>PDC Auditorium</b>
Tuesday 9 October	16:00	17:30	Fetal Echocardiography Focus Group	PDC Belvedere
Wednesday 10 October	08:30	12:30	Safety Committee & WFUMB	PDC 1.03
Wednesday 10 October	10:00	11:15	Meeting Planning Committee	PDC Belvedere
Wednesday 10 October	12:00	13:30	Fetal MRI Focus Group	PDC Belvedere
Wednesday 10 October	12:30	14:00	Safety Committee	PDC 1.03
Wednesday 10 October	14:00	15:30	Perinatal Doppler Focus Group	PDC Belvedere
Wednesday 10 October	15:30	17:00	Clinical Standards Committee	PDC 1.03
Wednesday 10 October	16:00	17:00	MPC: Exhibitors' Closing Meeting	PDC Belvedere
Thursday 11 October	08:00	09:00	ISUOG Board (supplementary)	PDC Belvedere

## General information

### Cash machines

A cash machine is located in the Piazza Adua.

### Catering

Coffee and light lunches will be served in the exhibition areas of the PDA and PDC.

### Certificate of attendance

Certificates of attendance will be available from the registration desk from Wednesday 10 October for all registered delegates who complete the evaluation form.

### Cloakrooms

Cloakroom facilities are available in the PDC Balcony area during Congress opening hours. Please note that items are left at your own risk, and neither ISUOG nor the venue takes responsibility for lost items. We are unable to store luggage items onsite so please make arrangements for leaving luggage directly with hotels if required.

### Currency exchange

Banks are normally open between 08:30 and 13:30 on weekdays; certain banks also open in the afternoon between approximately 14:30 and 15:30.

# General information

## Congress contact details

### Professional Conference Organiser

#### Abstract and registration enquiries

**Congrex Sweden AB**, Box 5078, SE-402 22, Göteborg, Sweden

Tel: +46 (0) 31 708 6000

Fax: +46 (0) 31 708 6025

Email: [isuog2007abstract@congrex.com](mailto:isuog2007abstract@congrex.com) (abstracts)

[isuog2007@congrex.com](mailto:isuog2007@congrex.com) (registrations,  
social and tours)

Website: [www.congrex.com](http://www.congrex.com)

Contact onsite at the registration desk.

### ISUOG Secretariat

#### Scientific program, exhibition and sponsorship sales, all other Congress enquiries

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

Tel: +44 (0) 20 7471 9955

Fax: +44 (0) 20 7471 9959

Email: [congress@isuog.org](mailto:congress@isuog.org) (Congress enquiries)

[info@isuog.org](mailto:info@isuog.org) (ISUOG membership and general enquiries)

Website: [www.isuog.org](http://www.isuog.org)

Contact onsite at the registration desk or stand no 38a.

### Venue

#### Venue enquiries

**Firenze Fiera Congress and Exhibition Centre**,

Piazza Adua 1, 50123 Firenze, Italy

Tel: +39 055 49 72 1

Fax: +39 055 49 73 237

Email: [sormanni@firenzefiera.it](mailto:sormanni@firenzefiera.it)

Contact D.ssa Rossana Sormanni.

### Italian Professional Conference Organiser

#### Exhibition services, social tours and accommodation queries

**Try Triangle**, P.zza Marconi 18, 30017 Lido di Jesolo, Venice, Italy

Tel: +39 0421 38 20 92

Fax: +39 0421 38 21 00

Email: [angela@trytriangle.it](mailto:angela@trytriangle.it)

Contact onsite at the registration desk or stand no.

## Disclaimer

All best endeavours will be made to present the program as printed. However the 17th 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 17th 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.

## Duplication/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 first aid treatment, please contact the registration desk staff.

## Future meetings

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

## Language

The official language of the Congress is English. Simultaneous translation will be available in the main auditorium from English to Italian only. Receivers may be collected from the ECM desk in the Passi Perduti.

## 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. Please contact the Venue as soon as possible if you wish to claim any lost property.

## Messages

The telephone number for people wishing to leave messages for you during the Congress opening hours is:

Tel: +39 055 497 3460

Fax: +39 055 497 3461

## 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
Day delegates	Clear with coloured paper:
	Monday – Orange
	Tuesday – Purple
	Wednesday – Pink
	Thursday – White
Board	Red
Invited faculty	Blue
Exhibitors	Yellow
Accompanying persons	Green

## Smoking policy

Smoking is not permitted in any closed building in Italy. If you wish to smoke, please go outside.

## Telephones

Coin-operated telephones are located in the Palazzo degli Affari and the Palazzo dei Congressi buildings.

## WIFI

WIFI connection is available throughout the venue at a cost of €100 for 72 hours. Please ask at the registration desk.



## 18th World Congress on Ultrasound in Obstetrics and Gynecology

24-28 August 2008, Chicago, USA

### Welcome

ISUOG's 2008 host committee is extremely proud to welcome you back to the United States. The World Congress on Ultrasound in Obstetrics and Gynecology is coming to Chicago for the first time from 24 to 28 August, 2008.

Chicago's beautiful lakefront, incredible architecture and cosmopolitan culture attract millions of people from around the globe every year. This city is renowned for its restaurants, museums, first-class shopping, adventurous nightlife, action-packed sporting events, and a thriving jazz and theatre scene.

The 18th World Congress will be held at the Navy Pier ([www.navypier.com](http://www.navypier.com)). The Navy Pier, named in honour of World War I veterans, is built out onto Lake Michigan, one of the most beautiful shorelines in the United States. With many attractions and 50 acres of parks and gardens, the Navy Pier is a perfectly located recreational centre next to Chicago's downtown area.

The local and international host committees promise to make this an outstanding meeting. We look forward to receiving your scientific contributions and welcoming you to Chicago in August 2008.

Lawrence D. Platt M.D.  
Congress Chairman

Ahmet A. Baschat M.D.  
Scientific Committee Chairman

### Critical dates

November 2007	Call for papers
24 January 2008	Exhibition/sponsorship discount deadline
24 February 2008	Abstract submission and reduced registration rate deadline
24 June 2008	Early bird registration rate deadline
24 August 2008	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.**

**Find out more about membership or join now at [www.isuog.org](http://www.isuog.org)**

# www.isuog.org



Organised by The  
International Society of  
Ultrasound in Obstetrics  
and Gynecology  
[www.isuog.org](http://www.isuog.org)

**Congress Secretariat**  
ISUOG\_CCL, Unit 4 Blythe Mews  
Blythe Road, London W14 0HW, UK  
Tel: +44 (0) 20 7471 9955  
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Email: [congress@isuog.org](mailto:congress@isuog.org)



ISUOG would like to thank the following industry partners  
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17th World Congress on Ultrasound  
in Obstetrics and Gynecology



**Congress Secretariat**  
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**Registration and abstract  
management**  
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Box 5078  
SE-402 22 Göteborg, Sweden  
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