

Ian Donald School

Global Congress

RECENT ADVANCES IN ULTRASOUND DIAGNOSIS IN OBSTETRICS AND GYNECOLOGY

May 5-6, 2011

ERICH SALING WORLD SCHOOL OF PERINATAL MEDICINE

May 7, 2011

***Under the auspices of Ms Jadranka Kosor, Prime Minister of Croatia***

In cooperation with

 

World Academy of Perinatal Medicine Dubrovnik International University

P R O G R A M



Rixos Libertas Dubrovnik Hotel

Dubrovnik, Croatia

**Ian Donald School officers:**

***School Directors:***

Asim Kurjak (Croatia)

Frank A. Chervenak (USA)

***Executive Board:***

Sanja Kupesic (USA)

Ritsuko K. Pooh (Japan)

Ivica Zalud (USA)

***Co-Directors:***

Aris Antsaklis (Greece)

Jose Maria Carrera (Spain)

Gian Carlo Di Renzo (Italy)

Joachim Dudenhausen (Germany)

Wolfgang Holzgreve (Germany)

Kazuo Maeda (Japan)

Giampaolo Mandruzzato (Italy)

***Directors/Secretaries of National Branches:***

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Berivoj Miskovic/Oliver Vasilj (Croatia) - Anton Mikhailov (Russia) - Alexander Papitashvili (Georgia)

Zoltan Papp (Hungary) - Azen Salim (Indonesia) - Cihat Sen/Murat Yayla (Turkey)

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Veljko Vlaisavljevic (Slovenia) - Liliana Voto (Argentina) - Miroslaw Wielgos (Poland)

Ivica Zalud/Raydeen Busse (USA) - Roberto Cassis Martinez (Ecuador) - Hari Kishor Shreshtha (Nepal)

Eberhard Merz (Germany) - Yves Ville (France) - Farah Sulaiman Youssif (Bahrain)

Alexandra Matias (Portugal) - Francisco Filho Mauad (Brazil) - Syed Amir Gilani (Pakistan)

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Mohamed S. Elmahaishi (Libya) - Fawaz Alkazaleh (Jordan) - Ha To Nguyen/Pham Viet Thanh (Vietnam) Monia Ferchiou Cherif / Mounira Nouri Chaabane (Tunisia) – Tuangsit Watanagara (Thailand)

***Objectives of the School:***

to promote: - the science and art of ultrasound scanning

 - research and education in the field of medical ultrasound

 - continuous training in ultrasound

 - and facilitate the dissemination of information, especially by scientific publications,

 including Donald School Journal of Ultrasound in Obstetrics and Gynecology

to provide: - expert advice to those entering the field of ultrasound

to increase: - knowledge of methodology for implementing recent ultrasound advances

to contribute: - to the improvement of teaching standards by the introduction of computer technology

 and devices for telemedicine

The Ian Donald School is designed to address the needs of a clinician who has some experience in diagnostic ultrasound, but needs additional knowledge and practice in recent sonographic developments in both obstetrics and gynecology.

*Welcome by School directors*

We live in a troubled world in which national, cultural, religious, and political differences   separate people—sometimes to the point of disastrous wars. With all that mankind has achieved, it is amazing that such parochial differences continue to do so much harm. There is much that the leaders of the world can learn from the global success of the Ian Donald Inter-University School of Ultrasound.

This School is a living tribute to Ian Donald –the visionary physician who pioneered ultrasound in obstetrics and gynecology. The School is dedicated to the improvement of all aspects of perinatal and gynecologic care. The discovery of ultrasound has enabled us to see and care for the fetus as a patient as well as visualize pelvic organs noninvasively —and has therefore brought obstetric and gynecologic diagnosis out of the dark ages. It has been suggested— with very little exaggeration-- that the three greatest contributions to modern obstetrics and gynecology have been ultrasound, ultrasound, and ultrasound.

Our School is based upon state-of-the-art science as well as a collegiality that transcends national, cultural, religious, and political differences. Teachers and students alike are united in our efforts to improve the care of women throughout the world. The international brotherhood and sisterhood that exists among physician leaders from over 50 of the world’s countries is a special bond that represents globalization at its best. Instructors donate their time without reimbursement as their educational efforts are truly a labor of love.

We are grateful to all national directors who have given so much of themselves to make the Ian Donald Inter-University School of Ultrasound a testament to the power of the human spirit to work collaboratively throughout the world for the betterment of mankind.

The School was born 30 years ago in Dubrovnik, a most beautiful Mediterranean city. But, „Dubrovnik“ is not a mere word, or just a name of a town. Dubrovnik connotes the  spirit, the  harmony,  the culture and the moral integrity which is exemplary of  its existence for over a millennium. Dubrovnik has long represented artisitc beauty, libertarian thought, humanistic principles and, above all the dignity  and freedom of the human spirit..

Welcome to this unique city –  with its glorious past, beautiful  present, and auspicious future – perfect venue to celebrate the  30th anniversary of our School, a success story in globalized medicine!

1. Kurjak

F.A. Chervenak

On the occasion of 30th anniversary of

Ian Donald School

*in cooperation with*

World Academy of Perinatal Medicine, and

Dubrovnik International University

Global Congress

RECENT ADVANCES IN ULTRASOUND DIAGNOSIS IN OBSTETRICS AND GYNECOLOGY

*P R O G R A M*

Thursday - May 5, 2011

08:00-09:30 Business meeting of Donald School directors

Asim Kurjak, Frank Chervenak: Recent developments in Ian Donald School

Martha Guerra, Sanja Kupesic, *USA*: Reshaping ultrasound education for Ian Donald School

Ivica Zalud, *USA*: WEB of our School

Delivery of new Donald School medals to directors

Discussion

10:00-13:00 KEYNOTE LECTURES (20 min)

Chair persons: Frank A. Chervenak (USA) and Asim Kurjak (Croatia)

10:00-11:20

Asim Kurjak, Frank A. Chervenak First 30 years

Frank A. Chervenak, *USA*: Ultrasound and Ethics: The past 25 years in perspective

Eberhard Merz, *Germany*: 3D/4D imaging of the fetal face

Aris Antsaklis, *Greece*: Skeletal dysplasias and ultrasound

11:20-11:40 Coffee break

11:40-12:40

Jose Maria Carrera, *Spain*: Ultrasonography in Africa: Is it necessary to stimulate its appropriate use?

Ritsuko K. Pooh, *Japan*: Contribution of transvaginal high-resolution ultrasound in fetal neurology

Asim Kurjak, *Croatia*: Fetal brain function: lessons learned and future challenges of 4D sonography

12:40-13:00 Discussion

13:00-15:00 Lunch break

15:00-16:20 KEYNOTE LECTURES, cont. (20 min)

Chair persons: Giampaolo Mandruzzato (Italy) and Eberhard Merz (Germany)

Vincenzo D’Addario, *Italy*: Fetal cerebral ventriculomegaly

Giovanni Monni, *Italy:* Invasive prenatal test in patients at high genetic risk

Giampaolo Mandruzzato, Italy: Obstetrical ultrasound in definition, recognition and management of IUGR

Zoltan Papp, *Hungary*: Changing public demand in the genetic counseling during the past 30 years

16:20-16:40 Discussion

16:40-17:00 Coffee break

17:00-20:00 OBSTETRICS (15 min)

 Chair persons: Aris Antsaklis (Greece) and Jose Maria Carrera (Spain)

17:00-19:30

Alfredo Guzman, *Peru*: Beyond IUGR and Hypoxia: DOHaH

Ana Bianchi, *Uruguay*: Echocardiograhpy in the first trimester of gestation

Kazuo Maeda, *Japan*: Fetal diagnosis with ultrasonic actocardiogram and GLHW tissue characterization

Ivica Zalud, *USA*: To Doppler and not to Doppler: From Doppler ultrasound, to color Doppler, to Doppler in 3 dimensions and beyond....

Sanja Kupesic, *USA*: Accuracy of ultrasound measurements by novices: Pixels or voxels?

Wolfgang Holzgreve, *Germany*: Non-invasive prenatal diagnosis from maternal blood- finally available in clinical practice after 20 years of research

Gian Carlo Di Renzo, *Italy*: Prevention of neurological morbidity in the preterm newborn: the role of maternal-fetal medicine

Ulrich Honemeyer, *UAE:* Slides only – personal experience with different cases of

 abnormal fetal anatomy

Carmina Comas/Bernat Serra, *Spain*: Quality assessment in screening for Down syndrome

Alaa Ebrashy, *Egypt*: Controversial US signs in fetal anatomy scan.

19:30-20:00 Discussion

21:00 LINÐO, folk concert

Friday - May 6, 2011

09:00-13:00 OBSTETRICS (15 min)

 Chair persons: Alexandra Matias (Portugal) and Zoltan Papp (Hungary)

09:00-11:00

Aleksandar Ljubic, *Serbia*: Ultrasound and MRI in diagnosis of fetal health

Abdal-Latif Ashmaig Khalifa, *Sudan*: Pitfalls in US practice

Jaideep Malhotra, *India*: Integrated screening for chromosomal anomalies: strategies in developing countries

Berivoj Miskovic/Oliver Vasilj, *Croatia*: Fetal neurobehavior in normal and high risk pregnancy

Anton Mikhailov, *Russia*: Multiples under ultrasound umbrella

Cihat Sen, *Turkey*: Fetal heart: Routine scanning

Liliana Voto, *Argentina*: First trimester screening in the public hospital: it is possible

Alexandra Matias, *Portugal*: Ductus venosus: A love story of 14 years

11:00-11:30 Coffee break

11:30-12:45 OBSTETRICS (15 min)

Chair persons: Abdal-Latif Ashmaig Khalifa (Sudan) and Berivoj Miskovic (Croatia)

Abdallah Adra, *Lebanon*: Screening  by Ultrasound: How much did it influence our everyday perinatal practice

Fawaz Alkazaleh, *Jordan*: Middle cerebral artery peak sysotolic velocity and the prediction of fetal anaemia in alloimmunized pregnancies: Experience from Jordan

Milan Stanojevic, *Croatia*: From fetal to neonatal behavior-fiction or reality?

Azen Salim, *Indonesia*: Pregnancy and uterine anomalies

Miroslaw Wielgos, *Poland:* Ultrasound-guided invasive procedures in genetic prenatal diagnostics

12:45-13:00 Discussion

13:00-15:00 Lunch break

15:00-16:30 OBSTETRICS (15 min)

 Chair persons: Abdallah Adra (Lebanon) and Miroslaw Wielgos (Poland)

15:00-16:15

Orion Gliozheni, *Albania*: Ultrasound diagnosis of fetal anomalies

Sameer Abdullah, *Saudi Arabia:* Fetal cardiac screening

**Snezana Crnogorac, *Montenegro:*** Holoprosencephaly

Farah Sulaiman Youssif, *Bahrain:* The evaluation of non-immune hydrops by ultrasound

Florin Stamatian, *Romania:* Advances in ultrasonic assessment of acardiac twin

16:15-16:30 Discussion

16:30-17:00 Coffee break

17:00-19:00 GYNECOLOGY AND INFERTILITY (15 min)

 Chair persons: Ritsuko K. Pooh (Japan) and Veljko Vlaisavljevic (Slovenia)

17:00-18:45

Abbas Aflatoonian, *Iran*: Vaginal sonography in infertility evaluation

Narendra Malhotra, *India*: Rational use of TVS/color and 3D in evaluating subfertile women

Radu Vladareanu, *Romania*: **Volume ultrasound in uterine and tubal evaluation**

Veljko Vlaisavljevic, *Slovenia*: Echographic evidence of follicle development and maturation

Corazon Yabes-Almirante, *Philippines*: From fetal imaging to pediatric gynecology imaging in a span of 22 years

Sayed Amir Gilani, *Pakistan:* Educational and research standards in Ob/Gyn ultrasound in developing countries (Asia and Africa)

**Mohammad Hashim Wahaaj, *Afghanistan:*** Ultrasound guided aspirations and biopsy

18:45-19:00 Discussion

Saturday - May 7, 2011

ERICH SALING WORLD SCHOOL OF PERINATAL MEDICINE

09:00-11:00 MORNING SESSION I

Chair persons: Manuel R.G. Carrapato (Portugal) and Erich Saling (Germany)

Asim Kurjak, Frank A. Chervenak: Erich Saling School in its 20th year

Luis Cabero, *Spain*: Recent FIGO activities in perinatal health

Ana Bianchi, *Uruguay*: Screening for fetal heart anomalies

Jose Maria Carrera, *Spain*: Epidemiology of multiple pregnancy. What a clinician should know?

Frank A. Chervenak, *USA*: The clinical and ethical challenge of patient choice cesarean

Alaa Ebrashy, *Egypt*: 13 weeks fetal anatomy scan. A reality or obsession

11:00-11:30 Coffee break

11:30-13:10 MORNING SESSION II

Chair persons: Ana Bianchi (Uruguay) and Jaideep Malhotra (India)

Ulrich Honemeyer, *UAE*: Different ultrasonic methods in visualizing structural and functional fetal development

Giovanni Centini, *USA*: Cleft lip and palate: Prenatal diagnosis by 2-3-4D

Asim Kurjak, *Croatia*: Modern approach to the antenatal detection of fetal neurological problems

Narendra Malhotra, *India*: Imaging of polycystic ovary

Jaideep Malhotra, *India*: Screening for birth defects in developing countries – what test when?

13:10-13:30 Discussion

13:30-15:00 Lunch break

15:00-17:00 AFTERNOON SESSION I

Chair persons: Luis Cabero (Spain) and Ivica Zalud (USA)

Erich Saling, *Germany*: Current situation of practical prevention of premature birth

Eberhard Merz, *Germany*: 3D/4D sonography in the assessment of fetal anomalies

Erich Saling, *Germany*: Prevention of recurrent late abortion and premature birth by Early Total Cervix Occlusion (ETCO)

Lynnae Sauvage, *USA*: Thyroid disease in pregnancy: Controversies and management

Milan Stanojevic, *Croatia*: Limits of viability - challenging ethical issue

Ivica Zalud, *USA*: IUGR: Doppler on my mind

17:00-17:30 Coffee break

17:30-19:10 AFTERNOON SESSION II

Chair persons: Joseph Schenker (Israel) and Radu Vladareanu (Romania)

Zion Ben-Rafael, *Israel*: Myomectomy during cesarean section

Luis Cabero, *Spain:* Postpartum hemorrhage – state-of-the-art

Manuel R.G. Carrapato, *Portugal:* Neuroimaging in premature infants at the limits of viability

Claudine Amiel Tison, *France:* Fetal and neonatal neurology: state-of-art

Joseph Schenker, *Israel:* Gestation and birth at menopausal age

19:10-19:30 Discussion

Sunday - May 8, 2011

Excursion by boat: Dubrovnik riviera including fish lunch

**VENUE**

Rixos Libertas Dubrovnik Hotel

Liechtensteinov put 3

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**CONFERENCE FEE** – 500 EUR

Fee includes:

attendance to the conference

congress material

folk dance concert

Visia Dubrovnik 3D – past and present of the city

special issue of Ian Donald Journal of Ultrasound in Obstetrics and Gynecology with the presented papers

**INFORMATION**

Secretariat of Global Congress

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