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GE HealthCare

FETAL EXAMINATION

navigating the future

HYBRID EVENT: JOIN US IN BUCHAREST OR VIRTUAL!

BUCHAREST, ROMANIA

23rd-24th of May 2025

Second Edition

23rd of MAY, FRIDAY, SPECIAL TOPICS DAY (onsite only, no video records)

08:00 Registration

09:00 Pre-course 1. CNS: from basic to advanced (additional registration required)

09:00	Fetal Brain after 20 weeks: How to?	Asma Khalil
09:25	Fetal Brain before 14 weeks: How to?	Michael Brusilov
09:50	Fetal Brain between 14-20 weeks: How to? Dark side of the moon	Roe Birnbaum
10:30	Live Demo 1. 13 weeks TVUS	Michael Brusilov
10:45	Live Demo 2. Mid pregnancy (18-22) TVUS	Roe Birnbaum

11:00 Pre-course 2. First trimester scan: from basic to advanced (additional registration required)

11:00	Early anatomy scan in 13w: How to?	Michael Brusilov
11:25	Multiple pregnancies: How to?	Asma Khalil
11:50	How to enhance your images? Tips and tricks to use daily	Razvan Stanca
12:15	Live Demo 1. Multiple pregnancy 12 w	Asma Khalil
12:30	Live Demo 2. 13 w early anatomy scan	Michael Brusilov

13:00 Registration

14:00 Course opening notes Asma Khalil, Tetiana Tykhomyrova

14:10 Special topic: Fetal Abdomen

14:10	Evaluation of the Fetal Abdomen and Urinary Tract	Federica Fontanella
14:40	Live Demo 1	Asma Khalil
14:55	Live Demo 2	Federica Fontanella

15:10 Special topic. Fetal Heart. Sponsored by Samsung Healthcare / Gmsolution

15:10	Fetal Cardiac Function – AI to the Rescue	Marius Calomfirescu
15:35	Fetal Cardiac Asymmetry	Ioana Dumitrascu Biris
16:00	Systematic Evaluation of the Fetal Heart in the First and Second Trimester	Alina Veduta
16:30	Live demo	Marius Calomfirescu
16:45	Live demo: First trimester cardio	Ioana Dumitrascu Biris
17:00	Hands-on in groups (additional registration required, free to attend)	

18:00 Welcome drink



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24th of MAY, SATURDAY, MAIN COURSE DAY (onsite and online access)

08:00 *Registration*

09:00 Course opening notes Asma Khalil, Radu Vladerianu, Tetiana Tykhomyrova

Session 1. First Trimester: Ultrasound vs NIPT

09:10	NIPT latest evidence and case discussion	Jon Hyett
09:35	NIPT in multiple pregnancy	Asma Khalil
10:00	Discussion	Jon Hyett, Asma Khalil, Radu Vladareanu
10:15	First trimester and early second trimester brain anomalies	Roe Birnbaum
10:40	First trimester uropathies	Federica Fontanella
11:05	First trimester heart anomalies	Ioana Dumitrascu Biris
11:30	First trimester skeletal anomalies	Asma Khalil
11:55	Live Scan sponsored by GEHC / Medist: 1 st tr scan 13-15 w abdominally	Asma Khalil
12:10	Live Scan sponsored by GEHC / Medist: 1 st tr scan 13-15 w vaginally	Michael Brusilov, Roe Birnbaum
12:25	Discussion	Session Faculty

12:40 *Lunch*

Session 2. Fetal Anomalies from Head to Toe

13:30	Face: approach to normal and abnormal	Michael Brusilov
13:55	Brain: Posterior fossa anomalies	Roe Birnbaum
14:20	Heart: Conotruncal Anomalies	Ioana Dumitrascu Biris
14:45	Heart: Asymmetry of 4-chamber view: key to complex heart malformation	Michael Brusilov
15:10	Abdomen: Bowel anomalies	Asma Khalil
15:35	Kidneys: Cakut and more	Federica Fontanella
16:00	Discussion	

16:15 *Coffee*

Session 3. AI tools shaping the future of Fetal Ultrasound

16:45	Live scan sponsored by Samsung Healthcare / Gmsolution: Advantage of AI usage	Marius Calomfirescu
17:15	Artificial intelligence for the clinical assessment of ultrasound images	Federica Fontanella
17:40	Final Discussion: Ultrasound today and tomorrow	Course Faculty
18:00	Closing notes	



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Prof. Asma Khalil

Prof of MFM, Lead for the Multiple Pregnancy service at St George's Hosp, Univ. of London, Founder of the Twins Trust Centre for Research and Clinical Excellence, London / UK

Vice President of RCOG,
Trustee & Treasurer of ISUOG,
Obstetric Lead of the National Maternity
and Perinatal Audit.
Recipient of 15+ national
and international research prizes.
Over 450 peer-reviewed papers,
books and chapters



Dr. Roe Birnbaum

MD, Consultant in prenatal diagnosis,
Sourasky medical center,
Faculty ISUOG, Tel-Aviv
Tel-Aviv / Israel

Conducts cutting-edge research
on fetal growth and neurology.
Specialized ultrasound evaluations at key stages
(NT scan, early & late anatomy scans,
third-trimester brain assessment).
Expertise in 2D, 3D, and Doppler ultrasound
for detailed fetal assessment



Dr. Michael Brusilov

Senior Consultant, Division
of Ultrasound in Ob&Gyn,
Lis Maternity Hospital
Tel-Aviv / Israel

Senior staff member at the Division of US in OB-GYN
at Tel Aviv Sourasky Medical Center,
specializing in fetal cardiology and neurology.
Expert in providing second opinion consultations and
training residents and staff in these fields.
Senior invited speaker and trainer at the annual Fetal
Neurosonography Masterclasses in Israel,
an ISUOG-approved course



Dr. Ioana Dumitrascu

Specialist in Pediatric Cardiology,
Fetal Medicine Department,
Filantropia Clinical Hospital
Bucharest / Romania

First specialist in Fetal Cardiology in Romania.
European-accredited expert in fetal
and pediatric echocardiography.
Returned to Romania after 12 years
of extensive training at two leading centers
in the UK: Evelina London Children's Hospital
and King's College Hospital



Dr. Federica Fontanella

MD, PhD, Clinical fellow at St. George's
Hospital, and postdoctoral researcher
at University Medical Center,
Groningen / The Netherlands

NGen Committee member at ISUOG.
Principal investigator of several cutting-edge
research projects on fetal urinary tract
anomalies and the use of AI in ultrasound
image assessment



On-line

Prof. Jon Hyett

MBBS BSc MD MRCOG FRANZCOG,
Obstetric Research Group Ingham
Institute, South Western Sydney
Local Health District and Western
Sydney Univ, Sydney / Australia

Leading specialist in MFM, focusing on high-risk
pregnancies and complications. Leads research
on predicting pregnancy complications and pio-
neering non-invasive screening methods,
such as blood tests for fetal DNA. Expert
in improving maternal and fetal care through
innovative research and clinical practices



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