



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), ADDITIONAL REGISTRATION FOR PRE-COURSES IS REQUIRED)

08:00 *Registration*

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

09:00	Fetal Brain after 20 w: How to?	Asma Khalil
09:25	Fetal Brain before 14 w: How to?	Michael Brusilov
09:50	Fetal Brain between 14-20 w: How to? Dark side of the moon	Roe Birnbaum
10:30	Live Demo 1: Fetal brain before 14 w (TVUS)	Michael Brusilov
10:45	Live Demo 2: Mid pregnancy neuro, 16-18 w (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: Early anatomy scan, 13 w (TVUS).	Michael Brusilov

13:00 *Lunch / Registration*

14:00	Course opening notes	Asma Khalil, Tetiana Tykhomyrova, Radu Vladerianu
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14:10 **Special topic: Fetal Abdomen**

14:10	Evaluation of the Fetal Abdomen and Urinary Tract	Federica Fontanella
14:40	Live Demo 1. Doppler of uterine artery, umbilical artery doppler, MCA doppler, Ductus venosus, Ophthalmic artery, 24-34 w	Asma Khalil
14:55	Live Demo 2. Fetal Abdomen Organs: evaluation checklist, 22-28 w	Federica Fontanella

15:10 **Special topic. Fetal Heart**

15:10	Cardiac anomalies in twins: How different?	Asma Khalil
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: First trimester cardio, 12 w	Ioana Dumitrascu Biris / Marius Vicea Calomfirescu
17:00	Hands-on in groups. Fetal heart examination in 1 st , 2 nd , and 3 rd tr (free to participate, pre-registration is required)	Ioana Dumitrascu Biris / Marius Vicea Calomfirescu

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 Day opening notes	Asma Khalil, Radu Vladerianu, Tetiana Tykhomyrova
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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

Live-demo session

11:55	Live Scan. Early abnormality scan (TVUS), 13-15 w	Roe Birnbaum
12:10	Live Scan. Maternal-Fetal Doppler: how to optimize your technique and avoid pitfalls, 26-34 w	Asma Khalil
12:25	Discussion	Course 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: AI Solutions: EzStructure, EzFlow, BiometryAssist, ViewAssist, PortraitVue, and EzCheck	Marius Vicea 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



Dr. Roeë Birnbaum

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



Dr. Michael Brusilov

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



Dr. Ioana Dumitrascu

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



Dr. Federica Fontanella

MD, PhD, Clinical fellow at St. George's Hospital, London (UK), postdoctoral researcher at Univ Med Center of Groningen, Groningen / The Netherlands



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



Dr. Razvan Stanca

MD, Maternal Fetal Specialist at Euromaterna Hospital, CEO at NewVision Ultrasound
Constanta / Romania



Dr. Alina Veduta

Senior specialist in Ob&Gyn, holds a PhD in medical sciences. Has completed the training in MFM and fetal echocardiography at King's College and the Fetal Medicine Foundation in London



Dr. Marius Vicea Calomfirescu

Senior specialist in Ob&Gyn, with a subspecialty in MFM. Certified by the Fetal Medicine Foundation in London and holds competencies in obstetrical and gynecological US, including fetal echocardiography