



# FETAL EXAMINATION

## navigating the future

— HYBRID EVENT: JOIN US IN BUCHAREST OR VIRTUAL! —

**BUCHAREST, ROMANIA**

**23<sup>rd</sup>-24<sup>th</sup> of May 2025**

**Second Edition**

**23<sup>rd</sup> of MAY, FRIDAY, 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	Roea Birnbaum
10:30	Live Demo 1: Fetal brain before 14 w (TVUS). Performed on Voluson Expert 22 by GE HealthCare	Michael Brusilov
10:45	Live Demo 2: Mid pregnancy neuro, 16-18 w (TVUS). Performed on Voluson Expert 22 by GE HealthCare	Roea 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. Perf. on Voluson Expert 22 by GE HealthCare	Asma Khalil
12:30	Live Demo 2: Early anatomy scan, 13 w (TVUS). Perf. on Voluson Expert 22 by GE HealthCare	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. Sponsored by Samsung Healthcare / Gmsolution**

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 <sup>st</sup> , 2 <sup>nd</sup> , and 3 <sup>rd</sup> tr (free to participate, pre-registration is required)	Ioana Dumitrascu Biris / Marius Vicea Calom- firescu

**18:00** *Welcome drink*

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**24<sup>st</sup> 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

## **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. Sponsored by GEHC / Medist**

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	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: AI Samsung 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	



**CLICK HERE TO REGISTER**

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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



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