

# ULTRASOUND ESSENTIALS

A joint ISUOG and FMF livestream meeting

Friday 2nd and Saturday 3rd February 2023

Course Directors: Tom Bourne and Kypros Nicolaides

*Please note that this is a provisional schedule subject to change.*

DAY 1 Friday 2 <sup>nd</sup> February 2024 GYNECOLOGY AND EARLY PREGNANCY CHAIR – TOM BOURNE			
TIME (GMT)	MINS	PRESENTATION Chairs: Tom Bourne (UK) and Theo Pepera (Ghana)	SPEAKER
07:55	5	Welcome and introduction	Tom Bourne (UK)
08:00	25	The fundamentals of carrying out a transvaginal ultrasound scan including illustrating normal gynecological anatomy	Francesca Moro (Italy)
08:25	25	Mapping Uterine Fibroids and Surgical Approaches	Wouter Froyman (Belgium)
08:50	25	Using ultrasound to assess pelvic pain and plan surgical management of endometriosis	George Condous (Australia)
09:15	15	Uterine artery embolization for fibroids	Benjamin Sarkodie (Ghana)
09:30	30	BREAK	
		Chairs: Tom Bourne (UK) and Luis Gadama (Malawi)	
10:00	15	A “One Stop” ultrasound-based approach to subfertility assessment	Dominique Van Schoubroeck (Belgium)
10:15	15	IOTA terms and definitions – how should you describe an adnexal mass?	Mala Sibal (India)
10:30	15	Recognising and managing physiological cysts and using benign IOTA simple descriptors (SD)	Tom Bourne (UK)
10:45	25	How can you tell if an ovarian mass is benign or malignant? The IOTA two step strategy using IOTA SD and the ADNEX model	Dirk Timmerman (Belgium)
11:10	30	Discussion and Case examples: classifying ovarian pathology	Jen Barcroft (UK) Chiara Landolfo (UK)
11:40	20	BREAK	
		Chairs: Tom Bourne (UK) and Ahmad Sayasneh (UK)	
12:00	25	Evaluating the endometrium in women with PMB and assessing women with endometrial cancer	Thierry Van Den Bosch (Belgium)
12:25	25	The evaluation of cervical cancer using ultrasound	Antonia Testa (Italy)
12:50	40	The oncology MDT: case examples relating to imaging in the management of gynaecological cancer	Ahmad Sayasneh (UK) Francesca Moro (Italy) and TBC
13:30	30	LUNCH	
		Chairs: Tom Bourne (UK) and TBC	

14:00	20	Avoiding diagnostic error in early pregnancy	Tom Bourne (UK)
14:20	20	Safe management options for miscarriage including safely performing Manual Vacuum Aspiration (MVA) and managing septic miscarriage	Thierry Van Den Bosch (Belgium)
14:40	20	Diagnosis and management of tubal ectopic pregnancy, including evaluation of blood in the pelvis and abdomen, and acute ectopic rupture	Maya Al Memar (UK)
15:00	20	Discussion and case examples in early pregnancy care	Chris Kyriacou (UK) and Margot Pikovsky (UK)
<b>15:20</b>	<b>30</b>	<b>BREAK</b>	
		<b>Chairs: Tom Bourne (UK) and Ehigha Enabudoso (Nigeria)</b>	
15:50	25	Diagnosing and managing non-tubal ectopic pregnancy and caesarean scar pregnancy	Judith Huirne (The Netherlands)
16:15	25	The diagnosis of PID, and the ultrasound guided management of pelvic abscess and other ultrasound guided procedures in gynaecology	Joseph Yazbek (UK)
16:40	20	The features and management of pelvic tuberculosis	Regina Rosario Panlilio-Vitriolo, (Philippines)
17:00	5	Closing remarks	Tom Bourne (UK)

<b>DAY 1</b> <b>Friday 2<sup>nd</sup> February 2024</b> <b>EVENING SESSION</b> <b>Ultrasound in Low Resource Settings</b> <b>CHAIRS – Hadiza Galadanci (Nigeria) and Theo Pepera (Ghana)</b>			
<b>TIME (GMT)</b>	<b>MINS</b>	<b>PRESENTATION</b>	<b>SPEAKER</b>
18:00	5	Welcome and introduction	Theo Pepera (Ghana)
18:05	20	Obstacles to delivering training in low resource settings	Hadiza Galadanci (Nigeria)
18:25	20	Organizing a scalable obstetric ultrasonography training program in a low-resource setting	Ehigha Enabudoso (Nigeria)
18:45	20	The potential use of hand-held ultrasound machines in obstetrics	Christoph Lees (UK)
19:05	20	Using handheld ultrasound machines in early pregnancy and gynaecology	Alex Novak (UK)
19:25	60	<b>Round Table Discussion:</b> The potential impact of ultrasound in low resource settings and how ISUOG outreach may help?  Chaired by Hadiza Galadanci (Nigeria) and Theo Pepera (Ghana)	<b>Hisham Mirghani (UAE)</b> <b>Lisa Noguchi (JHPIEGO),</b> <b>Alinane Linda Nyondo-Mipando (Malawi), and all speakers</b>
20:25	5	Closing Remarks	Hadiza Galadanci (Nigeria)

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<b>Introduction to day 2 from Co-Chairs Kypros Nicolaides (UK) and Liona Poon (Hong Kong)</b> <b>Saturday, 3 February 2024</b> <b>Ultrasound Essentials - Obstetrics</b>
<b>SESSION 1: PREECLAMPSIA</b> <b>08:05 – 08:30</b>  Experts – Kypros Nicolaides (UK), Nuruddin Mohammed (Pakistan)  <i>Prediction and prevention of preeclampsia – Kypros Nicolaides (UK)</i>
<b>SESSION 2: THIRD TRIMESTER SCAN</b> <b>08:30 – 08:55</b>  Experts – Kypros Nicolaides (UK), Nuruddin Mohammed (Pakistan)  <i>Third trimester scan – Kypros Nicolaides (UK)</i>
<b>SESSION 3: PRETERM BIRTH</b> <b>08:55 – 09:50</b>  Experts – Roberto Romero (USA), Bo Jacobsson (Sweden), Hadiza Galadanci (Nigeria)  <i>What tools do we have for predicting and preventing spontaneous preterm birth? - Roberto Romero (USA)</i> <i>Where are we from a global perspective? - Bo Jacobsson (Sweden)</i>
<b>SESSION 4: FETAL ECHOCARDIOGRAPHY</b> <b>09:50 – 10:40</b>  Experts – Simon Meagher (Australia), Beverly Tsai-Goodman (UK), Nguyen Ha (Vietnam)  <i>Antenatal consideration to plan postnatal management of the most common cardiac outflow tract anomalies – Beverly Tsai-Goodman</i>
<b>BREAK – 10:40 – 11:00</b>
<b>SESSION 5: FETAL NEUROSONOGRAPHY</b> <b>11:00 – 11:50</b>  Experts – Simon Meagher (Australia), Guillermo Azumendi Perez (Spain), Sikolia Wanyonyi (Kenya)  <i>Top 10 Fetal CNS anomalies at the mid- trimester ultrasound examination – Guillermo Azumendi Perez</i>
<b>SESSION 6: FETAL GROWTH RESTRICTION</b> <b>11:50 – 12:40</b>  Experts – Christoph Lees (UK), Francesc Figueras (Spain), Mohamed Kamal (Egypt)  <i>Management of early-onset FGR – Christoph Lees (UK)</i> <i>Management of late-onset FGR – Francesc Figueras (Spain)</i>

**SESSION 7: LABOUR ULTRASOUND****12:40 – 13:30**

Experts – Liona Poon (Hong Kong), Aly Youssef (Italy), Rasha Kamel (Egypt)

*Can we integrate ultrasound assessment for monitoring labour progress in the 1<sup>st</sup> stage? - Liona Poon (Hong Kong)*

*The use of ultrasound in the diagnosis and prevention of OASIS – Aly Youssef (Italy)*

**LUNCH – 13:30 – 14:00****SESSION 8: MULTIPLE PREGNANCY****14:00 – 14:50**

Experts – Kypros Nicolaides (UK), Leisbeth Lewi (Belgium), Olivia Barigye (South Africa)

*What to look out for in a twin pregnancy? - Leisbeth Lewi (Belgium)*

**SESSION 9: GENETICS – SCREENING****14:50 – 15:40**

Experts – Kypros Nicolaides (UK), Mar Gil (Spain), Hisham Mirghani (UAE),

*Present and future prenatal screening in low resource settings - overview of where we are heading – Mar Gil (Spain)*

**SESSION 10: GENETICS – DIAGNOSTICS****15:40 – 16:30**

Experts – Kypros Nicolaides (UK), Hebatallah Abdelaziz (Rwanda), Angela Ranzini (USA), Lorraine Dugoff (USA)

*Fetal genetic testing: from head to toe – Lorraine Dugoff (USA)*

**BREAK – 16:30 – 16:50****SESSION 11: PLACENTA ACCRETA SPECTRUM DISORDER AND PPH****16:50 – 17:20**

Experts – Laurent Salomon (France), Mohamed Momtaz (Egypt), Hisham Mirghani (UAE)

*Early diagnosis of Cesarean scar pregnancy/placenta accreta spectrum disorder – Laurent Salomon (France)*

*Management of placenta accreta spectrum disorder – Mohamed Momtaz (Egypt)*

**CLOSING REMARKS**

Kypros Nicolaides (UK) and Liona Poon (Hong Kong)