



ULTRASOUND ESSENTIALS FOR LOWER RESOURCE SETTINGS
A JOINT ISUOG AND FMF EVENT
Friday 8th and Saturday 9th April 2022

Course Directors: Tom Bourne and Kypros Nicolaides



Time zones: The Gynecology and Early Pregnancy program will run live 07:55 – 17:00 (UK TIME, GMT) on Friday 8 April To find your local time go to <https://www.timeanddate.com/worldclock/>

DAY 1 FRIDAY 8 APRIL 2022 GYNECOLOGY AND EARLY PREGNANCY CHAIR : TOM BOURNE					
TIME (GMT)	ALGERIA CONGO CENTRAL AFRICA REPUBLIC NIGERIA	EGYPT MALAWI SOUTH AFRICA SUDAN	ETHIOPIA KENYA	GAMBIA MALI MOROCCO	PRESENTATION
07:55	07:55	08:55	09:55	06:55	Welcome and introduction
08:00	08:00	09:00	10:00	07:00	The fundamentals of carrying out a transvaginal ultrasound scan including illustrating normal gynecological anatomy
08:20	08:20	09:20	10:20	07:20	Examining the endometrium and evaluating uterine fibroids: using ultrasound to define management
08:40	08:40	09:40	10:40	07:40	Imaging women with acute and chronic pelvic pain including endometriosis
09:10	09:10	10:10	11:10	08:10	A practical approach to scanning women with subfertility including assessing tubal patency
09:30	BREAK				

TIME (GMT)	ALGERIA CONGO CENTRAL AFRICA REPUBLIC NIGERIA	EGYPT MALAWI SOUTH AFRICA SUDAN	ETHIOPIA KENYA	GAMBIA MALI MOROCCO	PRESENTATION
10:00	10:00	11:00	12:00	09:00	Sonographic features of abdomino-pelvic tuberculosis
10:20	10:20	11:20	12:20	09:20	Recognising and managing physiological cysts and using benign IOTA descriptors or simple rules
10:40	10:40	11:40	12:40	09:40	Using the IOTA ADNEX model to tell you if an ovarian mass is malignant
11:00	11:00	12:00	13:00	10:00	Case examples of classifying ovarian masses
11:40	BREAK				
12:00	12:00	13:00	14:00	11:00	How to use ultrasound to stage ovarian cancer
12:20	12:20	13:20	14:20	11:20	The evaluation of cervical cancer including case examples
12:40	12:40	13:40	14:40	11:40	The oncology MDT: case examples relating imaging to the management of gynecological cancer
13:30	LUNCH				

TIME (GMT)	ALGERIA CONGO CENTRAL AFRICA REPUBLIC NIGERIA	EGYPT MALAWI SOUTH AFRICA SUDAN	ETHIOPIA KENYA	GAMBIA MALI MOROCCO	PRESENTATION
14:00	14:00	15:00	16:00	13:00	How much information can I get using a “Handheld” ultrasound machine in obstetrics and gynaecology – do you need a “high end” machine?
14:20	14:20	15:20	16:20	13:20	The basics you need to know to scan in early pregnancy and diagnosing miscarriage
14:40	14:40	15:40	16:40	13:40	Safe management options for miscarriage including medical and Manuel Vacuum Aspiration (MVA)
15:00	15:00	16:00	17:00	14:00	Recognising retained pregnancy tissue, EMV, AVM, and the management of septic miscarriage
15:20	BREAK				
15:50	15:50	16:50	17:50	14:50	Diagnosis and management of tubal ectopic pregnancy, including evaluation of blood in the pelvis and abdomen, and acute ectopic rupture with an emphasis on case examples
16:15	16:15	17:15	18:15	15:15	Diagnosing and managing non-tubal ectopic pregnancy and caesarean scar pregnancy
16:40	16:40	17:40	18:40	15:40	The diagnosis of PID, and the ultrasound diagnosis and guided management of pelvic abscess
17:00	17:00	18:00	19:00	16:00	Closing remarks

Time zones: The Evening Session “Impacting Maternal Mortality” will run live 18:00 – 20:55 (UK TIME, GMT) on Friday 8 April To find your local time go to <https://www.timeanddate.com/worldclock/>

DAY 1 FRIDAY 8 APRIL 2022 EVENING SESSION IMPACTING MATERNAL MORTALITY CHAIRS – ARRI COOMARASAMY AND ZAHIDA QUERSHI					
TIME (GMT)	ALGERIA CONGO CENTRAL AFRICA REPUBLIC NIGERIA	EGYPT MALAWI SOUTH AFRICA SUDAN	ETHIOPIA KENYA	GAMBIA MALI MOROCCO	PRESENTATION
18:00	18:00	19:00	20:00	17:00	Welcome and introduction
18:05	18:05	19:05	20:05	17:05	Recognising and managing maternal sepsis
18:25	18:25	19:25	20:25	17:25	Reducing post-partum haemorrhage
18:45	18:45	19:45	20:45	17:45	Evaluation and management of recto-vaginal fistula
19:05	19:05	20:05	21:05	18:05	Reducing morbidity from hypertensive disorders in pregnancy
19:25	19:25	20:25	21:25	18:25	Round Table Discussion: The potential impact of ultrasound in low resource settings
20:25	20:25	21:25	22:25	19:25	Closing Remarks



ULTRASOUND ESSENTIALS FOR LOWER RESOURCE SETTINGS
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Friday 8th and Saturday 9th April 2022

Course Directors: Tom Bourne and Kypros Nicolaides



Time zones: Obstetric Scanning and Fetal Medicine program will run live 08:00 – 17:00 (UK TIME, GMT) on Saturday, 9 April To find your local time go to <https://www.timeanddate.com/worldclock/>

DAY 2 SATURDAY 9 APRIL 2022 OBSTETRIC SCANNING AND FETAL MEDICINE CHAIR : KYPROS NICOLAIDES					
TIME (GMT)	ALGERIA CONGO CENTRAL AFRICA REPUBLIC NIGERIA	EGYPT MALAWI SOUTH AFRICA SUDAN	ETHIOPIA KENYA	GAMBIA MALI MOROCCO	PRESENTATION
08:00	08:00	09:00	10:00	07:00	Welcome and Introduction
Basic: dating pregnancies with ultrasound in early pregnancy					
08:05	08:05	09:05	10:05	07:05	Assessing the normal pregnancy from 4 to 10 weeks
08:25	08:25	09:25	10:25	07:25	Assessing the normal pregnancy from 11 to 14 weeks
Basic biometry, amniotic fluid and placental location					
08:45	08:45	09:45	10:45	07:45	Assessing the normal pregnancy in the second trimester
09:05	09:05	10:05	11:05	08:05	Assessing the normal pregnancy in the third trimester

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09:25	09:25	10:25	11:25	08:25	Distinguishing between normal and abnormal fetal size and growth
Basic: Assessment technique and interpretation of abnormalities of UA Doppler					
09:45	09:45	10:45	11:45	08:45	Doppler ultrasound: principles, practice and safety
10:05	10:05	11:05	12:05	09:05	Doppler studies in SGA/FGR
10:25	BREAK				
Specialist: Ultrasound determination of fetal growth and wellbeing, current evidence and practice					
10:55	10:55	11:55	12:55	09:55	Assessment and management of early FGR
11:15	11:15	12:15	13:15	10:15	Assessment and management of late FGR
Specialist: Ultrasound determination of fetal growth and wellbeing, current evidence and practice					

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11:35	11:35	12:35	13:35	10:35	Ultrasound in the first trimester of pregnancy: screening for common trisomies
11:55	11:55	12:55	13:55	10:55	Ultrasound in the first trimester of pregnancy: screening for conditions other than common trisomies
12:15	BREAK				
12:45	12:45	13:45	14:45	11:45	Ultrasound in the first trimester of pregnancy: morphology scan
13:05	13:05	14:05	15:05	12:05	Ultrasound in the second trimester of pregnancy: morphology scan
13:25	13:25	14:25	15:25	12:25	Case based discussions
Recognising placental abnormalities					
13:55	13:55	14:55	15:55	12:25	Screening for pre-eclampsia
14:15	14:15	15:15	16:15	13:15	Screening and diagnosing placenta accreta spectrum
14:35	BREAK				

TIME (GMT)	ALGERIA CONGO CENTRAL AFRICA REPUBLIC NIGERIA	EGYPT MALAWI SOUTH AFRICA SUDAN	ETHIOPIA KENYA	GAMBIA MALI MOROCCO	PRESENTATION
Normal cardiac anatomy and common abnormalities					
15:05	15:05	16:05	17:05	14:05	First and second trimester cardiac examination
15:25	15:25	16:25	17:25	14:25	Diagnosing common cardiac abnormalities: tips and tricks
Assessing twin pregnancy					
15:50	15:50	16:50	17:50	14:50	The first scan: order, chorionicity, screening for aneuploidies
16:15	16:15	17:15	18:15	15:15	Growth and Doppler assessment
16:35	16:35	17:35	18:35	15:35	Managing complications of monochorionic twins: TOPS, TAPS, TRAP, sFGR
17:00	17:00	18:00	19:00	16:00	Closing remarks and summary

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