



Mastering Doppler and Ultrasound imaging in obstetrics

Chaired by Prof. Asma Khalil (UK) and Prof. Ahmet Baschat (USA)

Livestream

Sunday 17 January 2027

Learning Objectives:

By the end of the course, participants should be able to:

1. **Apply appropriate Doppler techniques** to optimise maternal and fetal Doppler assessment and obtain reliable waveforms.
2. **Interpret Doppler waveforms** and explain their physiological significance in normal and pathological maternal and fetal conditions.
3. **Recognise and assess early and late fetal growth restriction (FGR)** using Doppler findings, including current areas of controversy in management.
4. **Use Doppler assessment in maternal-fetal disease**, including pre-eclampsia, diabetes, fetal anaemia, cardiac abnormalities, tumours and hydrops.
5. **Apply Doppler techniques in twin pregnancies** to identify and assess complications including selective FGR, TTTS and TAPS.
6. **Integrate Doppler findings into clinical decision-making** through the assessment of complex fetal conditions, including arrhythmias, porto-systemic shunts, placental abnormalities and fetal tumours.

UK BST (UTC+1)	Mins	
08:00	10	Welcome and Introduction
08:10	20	Maternal and Fetal Doppler: Optimising your technique
08:30	20	Physiology of Doppler: what do the waveforms tell us? How to interpret and practical tips
08:50	20	Early FGR
09:10	20	Late FGR
09:30	20	Late FGR: controversies
09:50	20	Case discussion: Doppler in practice
10:10	30	Live Q&A and panel discussion
10:40	20	Break
11:00	20	Maternal disease (preeclampsia, Diabetes, others)
11:20	20	Anemia
11:40	20	Cardiac Anomalies
12:00	20	Fetal tumours
12:20	20	Case discussion: Doppler in practice
12:40	30	Live Q&A and panel discussion
13:10	60	Refreshment break
14:10	20	Doppler variation in twins: FGR
14:30	20	Doppler variation in twins: TTTS and TAPS
14:50	20	Case discussion: Doppler in practice
15:10	20	Live Q&A and panel discussion

15:30	15	Refreshment break
15:45	15	Fetal porto-systemic shunts
16:00	15	Fetal tumours
16:15	15	Fetal arrhythmia
16:30	15	Morbidly adherent placenta
16:45	15	Doppler in the assessment and management of Fetal hydrops
17:00	15	Chorioangioma
17:15	20	Case examples: Doppler in practice
17:35	30	Final live Q&A and panel discussion
18:05	5	Feedback and close
18:10		Finish

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