



## Interventional Ultrasound

Chaired by Prof. Asma Khalil and Prof. Francesco D'Antonio

Livestream

Sunday 2<sup>nd</sup> August 2026

### Learning Objectives:

- Identify indications and contraindications for ultrasound-guided invasive fetal diagnostic and therapeutic procedures.
- Describe ultrasound-guided techniques used in the management of complex fetal conditions and complications of monochorionic twin pregnancies.
- Interpret key ultrasound findings to guide treatment selection and predict outcomes following fetal therapy.
- Assess maternal haemodynamic status using ultrasound to inform management of pre-eclampsia, placenta accreta spectrum, and post-partum haemorrhage.
- Apply intra-operative and post-operative ultrasound to detect and manage obstetric and gynaecological complications.
- Integrate ultrasound findings into evidence-based clinical decision-making across fetal medicine, maternal medicine, and gynaecology.

| UK BST<br>(UTC+1)                                              | Mins      |                                                                                                | Invited Faculty<br>(Name and country)                       |
|----------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| <b>SESSION 1: Fetal medicine part 1</b>                        |           |                                                                                                |                                                             |
| <b>Chairs: Prof. Asma Khalil and Prof. Francesco D'Antonio</b> |           |                                                                                                |                                                             |
| 08:00                                                          | 5         | Welcome and Introduction                                                                       | Prof. Asma Khalil (UK)<br>Prof. Francesco D'Antonio (Italy) |
| 08:05                                                          | 25        | Amniocentesis, chorionic villus sampling and fetal blood transfusion: indication and technique | Prof. Francesco D'Antonio (Italy)                           |
| 08:30                                                          | 20        | Ultrasound guided minimally invasive treatment in complicated monochorionic twin pregnancies   | Prof. Asma Khalil (UK)                                      |
| 08:50                                                          | 20        | Choosing the optimal treatment in fetal arrhythmia based upon ultrasound assessment            | Dr U. P. Singh (India)                                      |
| 09:10                                                          | 30        | Live Q&A and panel discussion                                                                  | All faculty                                                 |
| <b>09:40</b>                                                   | <b>20</b> | <b>Break</b>                                                                                   |                                                             |
| <b>SESSION 2: Fetal Medicine part 2</b>                        |           |                                                                                                |                                                             |
| <b>Chairs: Prof. Asma Khalil and Prof. Francesco D'Antonio</b> |           |                                                                                                |                                                             |
| 10:00                                                          | 25        | Thoracic and bladder shunting                                                                  | Prof. Asma Khalil (UK)                                      |
| 10:25                                                          | 20        | Fetal Surgery for congenital diaphragmatic hernia                                              | Prof. Rogelio Cruz Martinez (Mexico)                        |
| 10:45                                                          | 20        | Ultrasound determinants of outcome after fetoscopic repair of open spina bifida                | Prof. Alireza Shamshirsaz (USA)                             |
| 11:05                                                          | 20        | Ultrasound guided fetal therapy in placental tumors                                            | Prof. Alireza Shamshirsaz (USA)                             |
| 11:25                                                          | 20        | Case examples                                                                                  | A/Prof. Hiba Mustafa (USA)                                  |
| 11:45                                                          | 30        | Live Q&A and panel discussion                                                                  | All faculty                                                 |
| <b>12:15</b>                                                   | <b>60</b> | <b>Refreshment Break</b>                                                                       |                                                             |

| <b>SESSION 3: Labour and delivery</b>                              |           |                                                                      |                                                             |
|--------------------------------------------------------------------|-----------|----------------------------------------------------------------------|-------------------------------------------------------------|
| <b><i>Chairs: Prof. Asma Khalil and Hiba Mustafa</i></b>           |           |                                                                      |                                                             |
| 13:15                                                              | 20        | Ultrasound to guide the management of labour                         | Prof. Torbjørn Moe Eggebø (Norway)                          |
| 13:35                                                              | 20        | Ultrasound before and during cesarean delivery                       | A/Prof. Conrado Coutinho (Brazil)                           |
| 13:55                                                              | 20        | Ultrasound in the postpartum period                                  | A/Prof. Ilenia Mappa (Italy)                                |
| 14:15                                                              | 20        | Prenatal assessment and fetal intervention for vasa previa           | A/Prof. Hiba Mustafa (USA)                                  |
| 14:35                                                              | 25        | Live Q&A and panel discussion                                        | All faculty                                                 |
| <b>15:00</b>                                                       | <b>20</b> | <b>Refreshment break</b>                                             |                                                             |
| <b>SESSION 4: Gynecology</b>                                       |           |                                                                      |                                                             |
| <b><i>Chairs: Prof. Francesco D'Antonio and Davor Jurkovic</i></b> |           |                                                                      |                                                             |
| 15:20                                                              | 20        | Ultrasound guided treatment of cesarean scar pregnancy               | Prof. Francesco D'Antonio (Italy)                           |
| 15:40                                                              | 20        | Guiding the Management of Gynecological Pathologies                  | A/Prof. Ligita Jokubkiene (Sweden)                          |
| 16:00                                                              | 20        | Ultrasound detection of surgical complications in gynecology surgery | A/Prof. Francesca Moro (Italy)                              |
| 16:20                                                              | 20        | Pre-operative ultrasound in endometriosis                            | Prof. Davor Jurkovic (UK)                                   |
| 16:40                                                              | 20        | Case examples                                                        | A/Prof. Francesca Moro (Italy)                              |
| 17:00                                                              | 30        | Final live Q&A and panel discussion                                  | All faculty                                                 |
| 17:30                                                              | 5         | Feedback and close                                                   | Prof. Asma Khalil (UK)<br>Prof. Francesco D'Antonio (Italy) |
| <b>17:35</b>                                                       |           | <b>Finish</b>                                                        |                                                             |

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