

# Ultrasound in Fetal Medicine



Thursday 21 March 2024, QEII Conference Centre, Westminster, London  
Chaired by Professor Christoph Lees, Professor of Obstetrics, Imperial College London

## Stream 2 - The Rutherford Room

08:55 **Welcome and introduction from the Chairman**  
Prof Christoph Lees, Professor of Obstetrics, Imperial College London, UK

### Fetal cardiology

09:00 **Diagnosis and risk factors in HLHS and its variants**  
Prof Julene Carvalho, Consultant Fetal & Paediatric Cardiologist, Royal Brompton & St George's Hospitals, London, UK

09:30 **Aortic arch imaging: US and MRI**  
Dr Trisha Vigneswaran, Consultant in Fetal & Paediatric Cardiology, Guy's & St Thomas' NHS Trust Hospitals, London UK

10:00 **How to diagnose fetal tachy-arrhythmias**  
Dr Laura Vazquez-Garcia, Consultant Fetal & Paediatric Cardiologist, Royal Brompton Hospital, London, UK

10:30 **Coffee break** (Sponsor Workshop)

### Fetal growth restriction: diagnosis & management

11:00 **The computerized CTG and Fetal Growth Restriction**  
Prof Christoph Lees, Professor of Obstetrics, Imperial College London, UK

11:30 **Fetal size, Dopplers and outcomes**  
Prof Tamara Stampalija, Professor of Obstetrics, University of Trieste, Italy

12:00 **Outcomes of term FGR according to algorithm based management**  
Mr Raffaele Napolitano, Consultant in Obstetrics and Fetal Medicine, UCL, London, UK

12:30 **Lunch**

---

13:30 Samsung Sponsored Symposium (Small Samsung logo here)  
**Fetal echocardiography: from structural functional assessment, novel applications of fetal echocardiography regarding the model**  
Prof Francesco D' Antonio, Associate Professor and Consultant in Obstetrics and Gynaecology, University of Chieti, Italy

---

## Innovations

- 14:00 **Whole exome sequencing – what’s next?**  
Dr Dagmar Tapon, Lead Genetic Counsellor, Queen Charlotte's and Chelsea Hospital, Imperial College Healthcare NHS Trust, London, UK
- 14:20 **The efficacy of Nipocalimab in pregnant individuals at high risk for early-onset severe haemolytic disease of the fetus and newborn**  
Prof Mark Kilby, Professor of Fetal Medicine, University of Birmingham; Honorary Consultant of Fetal Medicine, Birmingham Women’s and Children’s NHS Foundation Trust, UK

## From prenatal to postnatal outcomes: Urology

- 14:45 **Obstructive uropathies**  
Miss Marie-Klaire Farrugia, Consultant Paediatric Urologist and Service Lead for Paediatric Surgery, Chelsea & Westminster and Imperial College Hospitals (West London Children's Healthcare) London, UK
- 15:05 **Revisiting shunts: new insights**  
Prof Christoph Berg, Head of Prenatal Medicine, Gynaecological Sonography and Fetal Surgery, University Women's Clinic, Cologne, Germany
- 15:30 Q&A
- 15:45 **Coffee break** (Sponsor Workshop)

## From prenatal to postnatal outcomes: Neuro

- 16:15 **Fetal neurology clinic: prognosis and counselling**  
Dr Nigel Basheer, Consultant Neonatal Neurologist, Imperial College London, UK
- 16:45 **Paediatric outcomes of hydrocephalus**  
Mr Dulanka Silva, Consultant Paediatric Neurosurgeon, Great Ormond Street Hospital for Children, London, UK
- 17:15 Q&A
- 17:30 **Close of day 1**

# Ultrasound in Fetal Medicine



Friday 22 March 2024, QEII Conference Centre, Westminster, London

Chaired by Professor Christoph Lees, Professor of Obstetrics, Imperial College London

## Stream 2 - The Rutherford Room

08:55 **Welcome and introduction from the Chairman**  
Prof Christoph Lees, Professor of Obstetrics, Imperial College London, UK

### Ultrasound and the labour ward: what can I learn?

09:00 **How to do and why**  
Professor Torbjørn Eggebø, Professor of Obstetrics, Norwegian University of Science; Stavanger University Hospital, Norway

09:35 **Prediction of labour outcome**  
Miss Sana Usman, Consultant Obstetrician and Subspecialist in Maternal Fetal Medicine, Queen Charlotte's and Chelsea Hospital, Imperial College Healthcare NHS Trust, London, UK

10:10 **Panel Q&A**

10:30 **Coffee break** (Sponsor Workshop)

### Pre eclampsia: pathophysiology

11:00 **Angiogenic biomarkers for suspected preeclampsia**  
Dr Sofia Cerdeira, Sub-Specialty Trainee Maternal Fetal Medicine, Queen Charlotte's & Chelsea Hospital, Imperial College Healthcare NHS Trust; Academic Clinical Lecturer, University of Oxford, UK

11:35 **Pre-eclampsia: Perspective from maternal haemodynamics**  
Dr Lin Foo, Consultant in Obstetrics and Fetal Medicine, Newcastle Hospitals NHS Foundation Trust, UK

12:10 **Panel Q&A**

12:30 **Lunch**

---

13:30 GE Healthcare Sponsored Symposium ( Small GE logo here)  
**Fetal echo ultrasound: techniques and technologies to optimise ultrasound imaging**  
Prof Christoph Lees, Professor of Obstetrics, Imperial College London, UK and  
Dr Laura Vazquez-Garcia, Consultant Fetal & Paediatric Cardiologist,  
Royal Brompton Hospital, London, UK

---

### Placental imaging

14:00 **Vasa praevia: recognition and pitfalls**  
Ms Deepa Srinivasan, Consultant Obstetrician and Fetal Medicine Lead, London Northwest  
University Hospitals NHS Trust, Honorary Consultant Imperial College NHS Trust, UK

14:30 **3D placental imaging**  
Professor Christoph Lees, Professor of Obstetrics, Imperial College London, UK

15:00 **How ultrasound findings relate to the FIGO PAS classification**  
Professor Eric Jauniaux, Professor in Obstetrics and Fetal Medicine, University College London, UK

15:30 **Coffee break** (Sponsor Workshop)

### Changing outcomes in fetal medicine

16:00 **Monochorionic selective reduction**  
Prof Kurt Hecher, Professor in Obstetrics and Fetal Medicine, University Medical Center Hamburg-  
Eppendorf, Germany

16:30 **Pre-eclampsia screening and Aspirin: how good can we make it?**  
Prof Kypros Nicolaides, Professor of Fetal Medicine, Founder and Chairman, The Fetal Medicine  
Foundation, London, UK

17:00 **Close of meeting**