

# Introduction to Ultrasound in Obstetrics

Friday 22 March 2024, QEII Conference Centre, London

Directed by Prof Christoph Lees, Professor of Obstetrics, Imperial College London



## Stream 3 - The Moore Room

09:00            **Introduction & learning objectives**  
Prof Christoph Lees

### First and second trimester obstetric imaging

Chairs: Dr Anna Clark, Clinical Research Fellow, Queen Charlotte's & Chelsea Hospital, Imperial College London and Dr Jasmine Tay, Consultant Obstetrician and Subspecialist in Maternal Fetal Medicine at Queen Charlotte's and Chelsea Hospital, London, UK

09:05            **The first trimester scan - understanding/recognition of common images**  
Ms Katherine Papanikolaou, Specialist Doctor in Fetal Medicine, Imperial College London, UK

09:20            **Imaging common fetal anomalies**  
Ms Katherine Papanikolaou, Specialist Doctor in Fetal Medicine, Imperial College London, UK

09:40            **Imaging the fetal heart: tips and tricks**  
Dr Laura Vazquez-Garcia, Consultant Fetal & Paediatric Cardiologist, Royal Brompton Hospital, London, UK

10:00            **Ultrasound pictures - interactive quiz**  
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

10:30            **Coffee break**

### Late pregnancy ultrasound

Chairs: Dr Mariya Kovalenko and Dr Bronacha Mylrea-Foley, Clinical Research Fellows, Imperial College London

11:00            **Cases: Management of fetal growth restriction in singleton and multiples**  
Prof Tamara Stampalija, Professor of Obstetrics, University of Trieste, Italy

11:30            **Fetal Dopplers: when and how**  
Prof Kurt Hecher, Professor in Obstetrics and Fetal Medicine, University Medical Center Hamburg-Eppendorf, Germany

12:00            **How to manage growth in DAU using bedside scans and ccTG?**  
Miss Sana Usman, Consultant Obstetrician and Subspecialist in Maternal Fetal Medicine, Queen Charlotte's and Chelsea Hospital, Imperial College Healthcare NHS Trust, London, UK

12:30            **Lunch**

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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

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## Genetics and genomics

Chairs: Dr Sohini Patel and Dr Nada Mufti, Clinical Research Fellows, Imperial College London

- 14:00 **NIPT 10 years on-where are we with it?**  
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
- 14:20 **Fetal DNA sequencing**  
Dr Jan Cobben, Lead Clinical Geneticist, North West Thames Regional Genetics Service,  
Imperial College Healthcare NHS Trust, UK
- 14:40 **Stillbirth and termination**  
Miss Byrony Jones, Consultant Obstetrician and Subspecialist in Maternal Fetal Medicine,  
Queen Charlotte's and Chelsea Hospital, Imperial College Healthcare NHS Trust, London, UK
- 15:00 **Ultrasound in labour**  
Dr Mariya Kovalenko, Clinical Research Fellow, Registrar in Obstetrics and Gynaecology  
Queen Charlotte's & Chelsea Hospital, Imperial College Healthcare NHS Trust, London
- 15:30 **Coffee break** (Sponsor Workshop)

## Intrapartum care

Chairs: Miss Sana Usman, Dr Natasha Hezelgrave, Subspeciality Trainee in Maternal-Fetal Medicine, Imperial College London,

- 15:50 **Extreme preterm birth-obstetric counselling**  
Dr Lynne Sykes, The Parasol Foundation Clinical Senior Lecturer and Honorary Consultant,  
Imperial College and Imperial College Healthcare NHS Trust, UK
- 16:10 **Talking with parents delivering preterm, growth restricted or complex babies – a neonatologist's perspective**  
Dr Jay Banerjee, Neonatal Consultant and RCPCH Clinical Tutor, Department of  
Neonatology, Imperial College Healthcare NHS Trust; Hon Clinical Senior Lecturer, IRDB,  
Imperial College London, UK
- 16:30 **Close of meeting**  
(opportunity attend final Fetal Medicine stream lecture)