

Using Ultrasound in Gynaecology

Thursday 19 May 2022, The Royal Society, London

Chaired by Professor Tom Bourne, Professor of Obstetrics & Gynaecology, Imperial College London

- 08:55 **Welcome and introduction**
Prof Tom Bourne, Professor of Obstetrics & Gynaecology Imperial College London, UK
- 09:00 **IOTA terms and definitions used to classify an ovarian mass**
Ms. Chiara Landolfo, Consultant Gynaecologist, Imperial College London NHS Trust, UK
- 09:30 **IOTA easy descriptors and simple rules**
Prof Dirk Timmerman, Professor of Obstetrics & Gynaecology, KU Leuven, Belgium
- 10:00 **Using the IOTA ADNEX Model and a two step approach to classify all adnexal masses**
Prof Tom Bourne, Professor of Obstetrics & Gynaecology, Imperial College London, UK
- 10:30 **Coffee break**
- 11:00 **Case examples using IOTA rules and models to characterise ovarian pathology**
Prof Wouter Froyman, Asst Professor and Consultant Gynaecologist, KU Leuven, Belgium
Ms Chiara Landolfo, Consultant Gynaecologist, Imperial College London NHS Trust, UK
- 11:30 **Defining global and focal endometrial pathology including the IETA classification**
Prof Thierry Van den Bosch, Asst professor and Consultant Gynaecologist, KU Leuven, Belgium
- 12:00 **Linking ultrasound to surgery – the key role of ultrasound for diagnosis and surgical planning in endometriosis patients**
Prof George Condous, Consultant Gynaecologist, Sydney Medical School, Nepean;
University of Sydney, Australia (*via video link*)
- 12:30 **Lunch**
- 14:00 **Defining myometrial pathology: adenomyosis, fibroids and sarcoma**
Prof Dirk Timmerman, Professor of Obstetrics & Gynaecology, KU Leuven, Belgium
- 14:30 **Using ultrasound to assess the extent of gynaecological malignancies**
Prof Daniela Fischerova, Professor of Gynaecology, First Medical Faculty of Charles University in Prague, Czech Republic
- 15:00 **The diagnosis, classification and clinical relevance of uterine congenital abnormalities, and how clinically important are polyps and submucous fibroids?**
Professor Nick Raine-Fenning, Clinical Associate Professor & Reader in Reproductive Medicine and Surgery, University of Nottingham, UK

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- 15:30 **Coffee break**
- 16:00 **Abnormal bleeding and caesarean section scars – how do we describe the niche, diagnose the problem and potentially treat it?**
Prof Judith Huirne, Professor of Obstetrics & Gynaecology – Academic Medical Centre
Amsterdam, The Netherlands
- 16:30 **Diagnosing polycystic ovaries, and what an ultrasound scan can tell you about ovarian function**
Prof Nick Raine-Fenning, Clinical Associate Professor & Reader in Reproductive Medicine and
Surgery, University of Nottingham, UK
- 17:00 **Using ultrasound contrast (HyCoSy) and gel to evaluate the endometrial cavity and fallopian tube patency in the fertility clinic**
Prof Thierry Van den Bosch, Consultant Gynaecologist, KU Leuven, Belgium
- 17:30 **Imaging in paediatric and adolescent gynaecology**
Ms Maya Al Memar, Consultant Gynaecologist, Imperial College NHS Trust, London, UK
- 18:00 **Close of meeting**