

Venue: RCOG, London

OVERVIEW

The RCOG curriculum now requires that all trainees have practical training in basic obstetric ultrasound, comprising two modules on early pregnancy ultrasound (8-12 weeks) and ultrasound assessment of fetal size, liquor and the placenta. These two practical modules need to be underpinned with a sound theoretical basis, which this course is designed to offer. It also will serve as the basis for those trainees developing their skills further with the intermediate ultrasound modules both in obstetrics and gynaecology.

This is primarily a theoretical course however, this course will provide opportunity for basic hands on training in the basic technique of TV ultrasound and TA assessment of pregnancy. The focus will be on technique and practical training to enhance the scan image quality, providing participants with an opportunity to put the theory of the early morning lectures into practice.

Learning Objectives

After attending the meeting, you will:

- Become familiar with ideal machine set up and transabdominal probe (including probe orientation)
- Gain competence in undertaking a basic 'dating scan' using transabdominal scanning between 8-12 weeks gestation
- Understand the indications for a fetal anatomy scan
- Understand the applications and limitations of ultrasound and when referral is required

Who Should Attend?

- All Trainees and Consultants in Obstetrics and Gynaecology
- Staff Doctors, Staff Grades, Trust Doctors and Associate Specialists
- All those wanting to understand the basic principles and application of obstetric ultrasound

Course Organisers

Dr Anne Marie Coady, Hull
Dr Sarah Bower FRCOG, London
Dr Meekai To MRCOG, London

Honorary Director of Conferences

Mr Philip Toozs-Hobson FRCOG, Birmingham

Honorary Deputy Director of Conferences

Mr Andrew Sizer FRCOG, Shrewsbury

PROGRAMME

8.30am *REGISTRATION AND REFRESHMENTS*

9.00am **Introduction and welcome**
Dr Anne Marie Coady, Consultant Radiologist, Hull and East Yorkshire Women and Children's Hospital

Session I

9.15am **Machine settings and safety aspects and machine ergonomics**

10.00am **Basic TA and transvaginal scan**
Dr Anne Marie Coady

10.25am **Basic early pregnancy scan**
Dr Anne Marie Coady

10.55am *REFRESHMENTS*

11.15am **Assessing the placental site and the liquor volume and presentation**
Dr Meekai To, Consultant in Fetal Medicine and Obstetrics, King's College Hospital, London

11.45am **Basic fetal biometry: BPD, HC, AC, FL and background**
Ellen Dyer, Sonographer, Rosie Maternity Hospital, Cambridge

12.25pm **Communication, reporting, documentation and pre-test counselling**
Miss Alison Smith, Tutor Sonographer, Women's Health and Fetal Medicine, Guy's and St Thomas' NHS Foundation Trust, London

12.55pm *LUNCH (2 course standing fork lunch)*

Session II: Practical Workshops

Delegates will be divided into 2 groups and attend the below workshops on a rotational basis. Each workshop will last 90 minutes

1.40pm **TV phantoms and scan trainers**
Dr Anne Marie Coady
Dr Manjiri Khare, Consultant Maternal Fetal Medicine, University Hospitals of Leicester NHS Trust

Interpreting ultrasound scan findings – focus on common issues – i.e. Growth and Doppler and cervical assessment. Who to refer and when

- a. **Growth and Doppler**
- b. **Cervical assessment**
- c. **Abnormalities of liquor volume**

Dr Meekai To
Dr Elena Greco, Consultant in Obstetrics and Fetal Medicine, The Royal London Hospital & Kings College Hospital

3.10pm *REFRESHMENTS*

Session II: Practical Workshops continue...

Delegates will be divided into 2 groups and attend the below workshops on a rotational basis.
Each workshop will last 90 minutes

3.25pm **Practical session with TV phantoms and Ultrasound trainers**

Dr Anne Marie Coady

Dr Manjiri Khare

Interpreting ultrasound scan findings – focus on common issues – i.e. Growth and Doppler's and cervical assessment. Who to refer and when

a. Growth and Doppler's

b. Cervical assessment

c. Abnormalities of liquor volume

Dr Meekai To

Dr Elena Greco

4.55pm *CLOSE*