

Ultrasound Training Programme
Apollo Centre for Fetal Medicine, New Delhi

Objectives: To gain an overview of the physics of ultrasound, introduction to the scan machine and the basic principles of effective fetal scanning.

The course is targeted at obstetricians with little or no prior obstetric ultrasound training.

Eligibility:

Hands on training: MD/MS/DNB (Obstetrics and Gynaecology)/DGO
MD (Radiology)/DMRD

Observership: MBBS and/or MD/MS in subjects other than mentioned above

Basic Obstetric Ultrasound Training

Duration: 1 week

Curriculum:

- Ultrasound room etiquette
- Theory lectures
 1. Basics of ultrasound physics and role of ultrasound in obstetrics
 2. Introduction to Fetal Medicine Foundation guidelines for ultrasound in obstetrics (Basic biometry, Nuchal Translucency, Fetal anomaly, Cervix, Well being)
 3. Screening for aneuploidies
 4. Screening for preterm labour and preeclampsia
 5. Common fetal anomalies and their management
 6. Doppler in Obstetrics
 7. Infections in pregnancy: TORCH
 8. Establishing a unit in the periphery and establishing a referral system to a tertiary care fetal medicine centre
- Interactive sessions
- Case discussions

Advanced Obstetric Ultrasound Training

Duration: 2 weeks

Week 1: As above

Week 2: Supervised ultrasound training

1. Dating of pregnancy at different gestations
2. Twin pregnancy: dating, chorionicity, nuchal translucency

3. Fetal biometry
4. Placental localization
5. Amniotic fluid index
6. Doppler in Obstetrics
7. Cervical length measurement for prediction of preterm labour
8. Fetal anomaly scan

Suggested schedule:

Timings: 900 – 1800 hrs

Day 1: Introduction

Day 2: Dating of pregnancy

Day 3 and 4: First trimester screening - NT, nasal bone

Day 5: Cervical screening

Day 6: Uterine artery Dopplers

Day 7: Sunday

Day 8 & 9: Fetal biometry

Day 10 & 11: Introduction to fetal anomaly scan

Day 12 & 13: Growth scan at 32 weeks

Day 14: Discussion, Feedback

Course fee:

Basic Ultrasound Course: INR 7,500/-

Advanced Ultrasound Course: INR 25,000/-

Certificate: Issued by FOGSI