



LIFEWAY MEDICAL INSTITUTE

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CERTIFICATE COURSE IN OBSTETRICS & GYNAECOLOGY ULTRASOUND (PART 2)

DATE: 23, 24 & 25 August 2024

Registration closing Date 10.07.2024

**COURSE FEE
4000 AED**

For Registration
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COURSE INSTRUCTOR

DR. MUSARRAT HASAN

Director, Institute of Ultrasound / Imaging
Affiliated with JUREI at Jefferson University
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DR. REETA KUMAR

Consultant Obst. & Gynecology
MBBS, DGO, MS, MRCOG (LONDON)
Diploma in Obst. & Gynecology (JAPAN)

TOPICS COVERED

DAY 1:

1. Practical aspect of daily ultrasound examination and basic understanding of equipments different type.

- Transducer choice and holding
- Image orientation.
- Ultrasound scanning techniques like reduce depth, minimize sector width, adjust focal zones, zoom area of interest or how to maintain anatomic area in the center.

2. Practical aspect of ultrasound in gynecology evaluation.

- How to perform TVS, role of ultrasound in detection fibroids, pelvic & ovarian pathology.

Practical session

3. **DOWN SYNDROME** Screening

DAY 2:

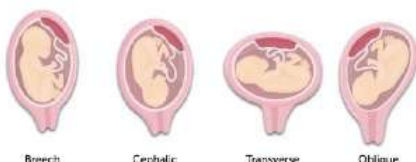
1. Ultrasound in 2nd and 3rd trimester

Correct way of measurements of fetal biometry - BPD, HC, AC, FL, EFW etc, practical Session

2. Scan of Fetal anomaly at 18- 24 weeks, details of fetal anomalies.

3. Fetal growth scan to rule out IUGR.

Fetal position



Types of Placenta Previa



DAY 3:

1. AMNIOTIC FLUID ASSESSMENT:

Ultrasound estimation of fluid volume
Oligohydraminous and polyhydraminous

2. **CERVIX:** Length, conization, dilation at internal os

3. ULTRASOUND AND INFERTILITY:

Diagnosis and and follow-up of polycystic ovaries

Follicular growth studies in case of ovarian stimulation in fertility

4. DOPPLER:

Umbilical artery, uterine artery

