**6-Months course Program**

*Each day 2 lectures each lecture is 2 – 2:15 Hour*

*All lectures will be on Saturdays start between 9am India time to be confirmed*

**Session 1 Dr. Heba (27.1.2024)**

**Basic skills lectures**

Types of Probes

Knobology

Machine's set up and how to improve your image

Scanning Techniques and planes in obstetrics and Gynecology

Principles of Doppler Ultrasound and Adverse Effects

Consent and professional communication

Documentation and Writing Ultrasound Report

**Session 2 Dr. Hebatallah Abdelaziz (3.2.2024)**

**Normal appearance of Internal organs**

Uterus (Myometrium, Endometrium) and ovaries

**Benign Endometrial lesions**

Endometrium in its different phases, Endometrial Polyp/ Hyperplasia and Adhesions (Asherman Syndrome)

**Session 3 Dr. Rasha Kamel (10.2.2024)**

**Benign Uterine lesions**

Adenomyosis

Fibroids

**Session 4 Dr. Aly Yousef (15.2.2024) 2.30pm Italy**

• Orientation Approach in Obstetrics Scanning (6 Steps approach)

• Fetal Biometry and the routine mid-Trimester Fetal Ultrasound scan: The ISUOG guidelines

• Normal and Abnormal Sonographic Appearance of Placenta, Placenta Accreta Spectrum, Amniotic Fluid and Umbilical Cord

**Session 5 Dr. Sherif Negm(24.2.2024)**

**Early Pregnancy Assessment**

• Early Pregnancy Scan (Normal and Abnormal Early Pregnancy, Diagnosis of Miscarriage, Remnants of Conception and Molar Pregnancy)

• Diagnosis of Ectopic Pregnancy/ CSP

**Session 6 Dr. Hebatallah Abdelaziz (2.3.2024)**

Live Mock, online training, cases

**Session 7 Dr. Rasha Kamel (9.3.2024)**

• First Trimester Scanning

* Trisomy Screening
* NIPT

**Session 8 Dr. Sherif Negm (16.3.2024)**

**Doppler Studies in Obstetrics**

Role of Doppler Studies in Assessment of High-risk Pregnancy

Uterine Artery, Umbilical Artery, Middle Cerebral Artery MCA and Ductus Venuses DV

**Session 9 Dr. Rasha Kamel (23.3.2023)**

• Screening for PE

* Fetal weight Assessment, Abnormal Fetal weight, FGR/IUGR/Macrosomia

**Session 10**  **Dr. Rasha Kamel/Dr. Sherif Negm (30.3.023)**

* Basic fetal Heart scanning: 4 Chamber View, Great Vessels View
* Fetal Head Examination and Basic screening of fetal Nervous system

**Session 11 Dr. Sherif Negm (6.4.2023)**

* Sonographic Examination of Fetal Face, Upper Lip and Profile.
* Examination of Neck and Thorax

**Session 12** **Dr. Rasha Kamel (13.4.2023)**

* Examination of the Ant. Abdominal Wall, GIT and its Anomalies
* Skeletal and Limb Anomalies

**Session 13** **Dr. Rasha Kamel (20.4.2023)**

• Examination of Renal System

* Cervical Assessment, Preterm Labor Screening and Diagnosis

**Session 14 Dr. Sherif Negm (27.4.2023)**

* Congenital Uterine Anomalies
* IOTA Classification of Ovarian Lesions
* Benign Adnexal Lesions and Case module applying IOTA Role

**Session 15 Dr. Mona Abo Elghar (4.5.024)**

* PCO
* Endometriosis

**Session 16 Dr. Hebatallah Abdelaziz (11.5.2024)**

Live Mock, online training, cases

**Session 17 Dr. Mona Abo Elghar 18.5.2024**

**One Stop Fertility Check up**

Follicular and Endometrial Monitoring

OHSS

Assessment of Tubal Patency

Guided Follicular Aspiration and Ultrasound guided Embryo transfer

**Session 18 Dr Farheen (25.5.2024)**

**Breast Ultrasound and imaging**

* Normal Breast Ultrasound Examination
* Begin Breast Lesions
* Ultrasound appearance of malignant Breast lesions
* Breast imaging Mammogram
* Breast lesion biopsy under ultrasound guidance

**Session 19 Dr. Dorella Franchi (1.6.2024)**

**Role of ultrasound in diagnosing Gynecological Oncology**

* Ovarian Cancer
* Endometrial cancer / Cervical Cancer
* Case Module (Sonographic Appearance of female Genital Tract Malignancy)

**Session 20 Dr. Rasha Kamel / Dr. Sherif Negm (8.6.2024)**

**Role of Ultrasound in Labor and Post partum period**

* Role of Pelvic Floor assessment in Labor
* How to assess Head Station and Angle of Progression and its role in decision making before instrumental delivery.
* Adnexal Torsion

**Session 21 Dr. Rasha Kamel (15.6.2024)**

**Role of Ultrasound in pelvic floor assessment**

* Assessment of Levator ani and Anal sphincter
* Role of Ultrasound in Assessment of Stress Urinary Incontinence and Pelvic organ Prolapse.

**Session 22 (22.6.2024) Dr. Sherif Negm**

**Role of 3D/4D in Obstetrics and Gynecology**

**Session 23 Speaker To be confirmed (29.6.2024)**

**Role of Ultrasound in detection of congenital infection**

**Session 24 (6.7.2024) Speaker To be confirmed**

**Role of Ultrasound in the antenatal care of Multiple Pregnancy**