Topics

- 3D Ultrasound In Obstetrics: How Does Is Work & How to Obtain Your Images?
- The Fetal Central Nervous System.
- The Fetal Face.
- Fetal lung
- Fetal GIT
- Fetal kidneys
- Fetal skeletal system
- Introduction of Fetal Echocardiography.
- Four Chamber View Normal & Abnormal.
- Abnormalities of great arteries
- Placenta ,amniotic fluid
- Optimization of your Doppler examination.
- Umbilical Artery Doppler & Uterine Artery Doppler.
- Integrated management of IUGR.
- Rh incompatibility and MCA Doppler
- How to prepare for Gyn. Ultrasound.
- Uterus ultrasound.
- Ultrasound of Adnexeal mass.
- Cervical assessment and prediction of preterm labor
- Ultrasound and infertility.

Practical Training Fetal Anatomy & Abnormalities

1. Cross Movement

2. AFI, MVP.

3. Placenta, Position Related to Cervix, Signs of Adherentce.

4. Trans Thalamic View.

5. Trans Ventricular View.

6. Trans Cerebellar View.

7. BPD.

8. HC.

9. TCD.

10. Post Horn of Lateral Ventricles

11. Measures of Brain Hemisphere.

12. CM.

13. Face Profile.

14. Coronal View of The Face.

15. Axial View of The Face.

16. Vertebral Column Saggital View.

17. Vertebral Column Transverse View.

18. Vertebral Column Coronal View

19. AC.

20. Kidneys Transverse View.

21. Kidneys Saggital.

22. Insertion of Umbilical Cord.

23. 3 Vessels of Umbilical Cord.

24. Urinary Bladder.

25. Femur Rt & Lt.

26. Humerus.

27. Leg: Tibia & Fibula Rt & Lt.

28. Forearm: Radius & Ulna Rt & Lt.

29. Hand & Counting Fingers.

30. Foot & It's Angle to Leg.

31. Gender

Practical Training Fetal DOPPLER / 3D& 4D

1. Doppler Physics (PRF, Angle, Base Line).

2. Doppler Indices (PI, RI, S/D, CPR & PSV).

3. Umblical A. Doppler.

4. Middle Cerebral A. Doppler.

5. Uterine A. Doppler.

6. Ductus Venosus.

7. Orthogonal Planes, Multiplanner Mode, Rendering, Surface. Mode, Maximum Mode & Minimum Mode.

8. VCI, Omni View.

9. Tomographic Mode.

10. Magicut.

Practical training GYNECOLOGICAL ULTRASOUND

1. Uterus (Length, Anteroposterior, Transverse). Identification of Endometrium, Myometrium & Parametrium.
2. Cervical Length.
3. Endometrial Thickness.
4. Recognize and Evaluation of Common Endometrial & Myometrial Pathology.
5. Ovarian Volume (Length, Height, Width).
6. Folliculometry & Sonohystography.
7. Recognize & Evaluate Common Ovarian Pathology.
8. Uterine Artery Doppler.
9. 3D Of Uterus to Differentiate Between Different Uterine Anomalies & Pathologies.
10. Sonohystrography.
11. 4D sonohystrography.

practical training FETAL ECHOCARDIOGRAPHY

1. Heart Size, Site, Structure, Position.
2. Four Chamber View.
3. Rt Outflow Tract.
4. Lt Outflow Tract.
5. 3 Vessel View.
6. Bicaval View.
7. Aortic Arch View.
8. Ductal Arch View.
9. Doppler of the Heart.
10. F.H.R (M mode, Doppler).