

OB-GYN ULTRASOUND



WHAT IS OBSTETRIC ULTRASOUND?

Obstetric ultrasound is a diagnostic imaging used during pregnancy to visualize the fetus. The most common is the 2-dimensional (2D) variety in which height and width are used to produce flat images. Advances in modern technology, however, has allowed the addition of a third dimension - depth, which produces a three-dimensional (3D) image of the baby inside the womb.





WHAT ARE THE ADVANTAGES OF 4D ULTRASOUND?

4D Ultrasound displays a moving 3D image of the baby inside the womb. It enables doctors to view these images from different angles and exclude any suspected anomalies. It also provides a connection between expectant parents and their child because of the authenticity and clarity of the fetal features seen, giving them an incredible first encounter with their child while still inside the womb.

IS IT SAFE? ARE THERE ANY RISKS TO ME OR MY BABY?

Extensive studies over the past 35 years have shown that ultrasound is safe for the mother and fetus. The 3D/4D scans use the same type of intensity of ultrasonic waves as a conventional 2D scan. Using the same safe ultrasonic waves as 2D machines, the 4D ultrasound equipment provides superior image resolution and clarity of the unborn child.

SERVICES AVAILABLE AT THE DLSUMC OB-GYN ULTRASOUND UNIT:

- First trimester scans
- Fetal biometry
- Transabdominal/Pelvic ultrasound
- · Biophysical profile scoring
- Congenital anomaly scan
- Maternal and fetal Doppler velocimetry
- Placental Doppler
- Cervical length and funneling
- 3D/4D ultrasound
- Gynecologic scan
- Follicle monitoring
- Sonohysterosalpingography/Saline-infusion hysterogram
- Gynecologic Doppler studies/Color flow mapping
- Gynecologic 3D ultrasound

DE LA SALLE UNIVERSITY MEDICAL CENTER OB-GYN ULTRASOUND

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