



SAHYOG DIAGNOSTICS & IMAGING CENTER

SONOGRAPHY - COLOUR DOPPLER - 2D ECHO-PATHOLOGY

Shop No. 2, Plot No. 1, Ground Floor, Narela Jod, Ayodhya Bypass Road, Bhopal
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Reg. No. MP16150

| | | | |
|-----------|-------------------------------------|----------|------------------|
| Pt. Name: | MRS. SUKANYA | Age/Sex: | 27 Years /Female |
| Ref. By: | DR. PRIYA INDORIYA MANDAL MBBS, DGO | Date: | 17/12/2022 |

TARGET SCAN OF PREGNANCY FOR FOETAL ANOMALY

LMP:- 01.08.2022.

GA by LMP:- 19w5d

Single live foetus in cephalic presentation and longitudinal lie at the time of scan.

Foetal Parameter:

| | | | |
|---|-------------------------|------------------|-------|
| BPD measures | 4.8cm corresponding to | 20weeks and | 5days |
| HC measures | 17.5cm corresponding to | 20weeks and | 0days |
| AC measures | 14.5cm corresponding to | 19weeks and | 6days |
| FL measures | 2.9 cm corresponding to | 19weeks and | 0days |
| Composite gestational age by sonography | | 19weeks and | 5days |
| Expected date of delivery by sonography | | 08/05/2023 | |
| Effective fetal weight is approximately | | 300gm \pm 45gm | |

Foetal cardiac activity: is regular. Foetal heart rate is 148 beats/min. Foetal body and limb movements are normal.

Placenta: is on fundoposterior uterine wall shows grade- II maturation.

Umbilical cord: 3 vessels cord is seen. Placental insertion is central. No cord around the neck is seen.

Liquor: is adequate in amount. AFI measures 14 cm.

Internal os: is closed. Cervix is normal in length (4.2 cm). Endocervical canal appears normal.

Head: Appears normal in size and shape. Intracranial assessment of cerebral parenchyma, thalami, basal ganglia and cerebellum is normal. Transcerebellar distance is normal. Both lateral ventricles appear normal in size and show brightly echogenic choroid plexuses. Cavum septum pellucidum and midline falx are well visualized. Cisterna magna is normal. No SOL is seen. No encephalocele detected.

Spine: Full length of the vertebral column is visualized and appears normal. Posterior elements are seen as parallel bands of echoes with normal flaring in cervical region and convergence in sacrum. No evidence of spina bifida and sacral agenesis seen.

Face: Fetal face was visualized in profile and coronal scans. Anatomic assessment for forehead, orbits, eyeballs, lenses, nasal bone, lips, maxilla, hard palate and mandible is done. No gross



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facial anomaly detected. Intraorbital distance is normal. Cleft lip and cleft palate is not always detected on USG.

Neck: The anterior, posterior and lateral masses of neck are well appreciated. No cystic lesion is visible around the fetal neck. Nuchal thickness is normal.

Heart: Normal cardiac size, situs & position. Fetal echo is not done in this scan.

Chest: The thorax is assessed for the chest wall, lungs, mediastinum and diaphragm. Both lungs are echogenic, no lung cyst or SOL seen. No evidence of pleural or pericardial effusion seen. Fetal diaphragm is seen as smooth hypoechoic band of tissue. No diaphragmatic hernia seen.

Abdomen: Abdominal circumference is normal. Anterior abdominal wall appears intact. No evidence of omphalocele/gastroschisis seen. Liver, GB & spleen appear normal. Fetal stomach and bowel loops appear normal. No evidence of ascites seen.

KUB: Both kidneys appear normal in size. No evidence of pelvicalyceal dilatation seen. Urinary bladder appears normal in size.

Limbs: All four limbs are seen and appear normal for the period of gestation. The bones and soft tissues in proximal, mid and distal segments of both upper and lower limbs are normal. Digit count not included in this scan. Digit count not included in this scan.

Impression: Intrauterine single live fetus of 19 weeks and 5 days duration \pm 1 weeks with cephalic presentation. No gross foetal anomaly seen.

Expected date of delivery by sonography **08/05/2023**

I, Dr. YUVRAJ, MD, DMRD declare that while conducting USG, I have neither declared nor disclosed the sex of her fetus to anybody in any manner.

It must be noted that detailed fetal anatomy may not be visible due to technical difficulties, fetal position and fetal movements etc. Therefore all fetal abnormalities may not be detected. This report is not for medico-legal purpose. Fetal ECHO is not done in this study.

DR. YUVRAJ

MBBS, MD, DMRD (Gold medalist).

Consultant Radiologist.



