

Patient's Name:- SMT. DEEPIKA
 Ref. by:- DR. JUHI AGARWAL (MBBS MD)

Age/Sex :-22 Y/F
 DATE :- 17/12/2022

TARGET SCAN FOR FOETAL CONGENITAL ANOMALIES

★ Head :-

- Head appears normal in size and shape.
- Both lateral ventricles appear normal. Maximum transverse diameter at atrium of LV level measures 8.2 mm in right and 7.8 mm in left half.
- Midline echoes appear normal.
- Cerebellum appears normal.
- Cisterna magna appears normal.
- No SOL (space occupying lesion) is seen in cerebral parenchyma.
- Normally seen foetal choroid plexuses and vermis.
- Normal craniovertebral junction observed.

★ Neck :-

- No cystic lesion is visible around the foetal neck.
- Foetal face was visualized in profile and coronal scans.
- Both eyeballs and nose appears normal.
- Nasal bone was well visualized.
- Nuchal fold is 4.0 mm thick (Normal < 6 mm).
- No neck mass observed.
- No evidence of any obvious cleft lip or cleft palate noted.

★ Thorax :-

- Normal cardiac situs and position.
- A small intracardiac echogenic foci is seen in foetal left ventricle suggestive of - intracardiac echogenic foci considered as a soft marker of trisomy 21 but as a single marker has a very low likelihood ratio (In Asian races considered as incidental nonspecific finding if seen as a single finding).
- Both lungs were visualized.
- No evidence of pleural or pericardial effusion.
- No SOL (space occupying lesion) in thorax.
- Cardiac out-flow tracts are seen normally.
- Diaphragms are seen normally with no evident herniation into the thorax.

Add - 41/A NEAR GPO, MOTIYA TALAB ROAD, ROYAL MARKET, BHOPAL (M.P.)

**Spine** :-

- Full length of the vertebral column is visualized and appears normal.
- No evidence of any bifid defect or meningocoele.

Abdomen :-

- Anterior abdominal wall appears intact.
- Normal abdominal situs.
- Foetal liver, gall bladder, stomach and bowel loops appear normal.
- No evidence of ascites.

Urinary tract :-

- Both kidneys appears normal in size. No pelvicalyceal dilatation, renal pelvic diameter measured 1.6 mm in right & 1.4 mm in left.
- Urinary bladder appears normal.

Limbs :-

- All the four limbs are seen. The long bones appear normal for the period of gestation.
- Both the hands and feet appeared normal.
- Normal foetal limb movements with normal tone observed.

Umbilical Cord :-

- Cord appears normal and reveals two arteries and one vein.
- Normal cord insertion at the umbilicus with no evidence of abdominal wall defect.

Note :- Not all congenital anomalies especially of the heart and chromosomal abnormalities can not be ruled out on ultrasound.

Disclaimer: Dedicated Foetal echo is not a part of this scan.
Biochemical marker correlation.

(This report is only a professional opinion & not the diagnosis. It should be clinically interpreted by the clinician)

Consultant Radiologist
Reg. No. MP-16271
Signature
(Radiologist)

Patient's Name:- SMT. DEEPIKA

Ref. by:- DR. JUHI AGARWAL (MBBS MD)

Age/Sex :-22 Y/F

DATE :- 17/12/2022

SONOGRAPHY REPORT (LEVEL - II SCAN)

OBSTETRIC USG

LMP-11/08/2022

EDD(LMP)-18-05-2023

GA(LMP)- 18 W 2 D

Foetal Parameters (By Dr. Prashant Acharya et al).

| | | | | | |
|-------|--------|--------|--------|---------|---------|
| 3PD - | 44 mm | 19 wks | 2 days | ± 2 wks | 0 days. |
| FL - | 27 mm | 19 wks | 0 days | ± 2 wks | 0 days. |
| AC - | 137 mm | 18 wks | 6 days | ± 2 wks | 0 days. |

Mean Gestational Age 19 wks 0 days ± 14 days.

Placenta: - Position -Anterior involving upper & mid uterine segment (approx 3.2 cm away from internal os).
Grade - Zero

| | |
|-----------------------------|---|
| Foetus | - Single. |
| Foetal Lie | - Transverse |
| Foetal Presentation | - Transverse(unstable) (at the time of examination) |
| Foetal Spine | - Normal |
| Foetal, Stomach and Bladder | - Normal |

Liquor- Adequate. The four quadrant amniotic fluid index is 11.9 cm (Normal Range 8 to 22).

Foetal Heart Rate - 134 bts/min, regular. (Normal Range 120 to 180 Beats/Min)

Foetal Movements- Present and normal.

Expected Foetal Weight- 259.0 grams, ± 10 % of Foetal Weight by (By Dr. Prashant Acharya et al).

Expected Date of Delivery - 13/05/2023

Impression: Real time obstetric USG study reveals :-

❖ Single, live foetus in transverse(unstable) position at the time of examination, corresponding to a mean gestational age of 19 weeks 0 days.

- Internal os is closed & cervical length is well maintained (cervical length measured = 3.6 cm).
- Foetus is in transverse (unstable) position.
- No evidence of any concealed haemorrhage.
- Liquor is adequate with normal foetal movements noted.
- No evidence of umbilical cord around the foetal neck on colour doppler examination.
- A small intracardiac echogenic foci is seen in foetal left ventricle suggestive of - intracardiac echogenic foci considered as a soft marker of trisomy 21 but as a single marker has a very low likelihood ratio (In Asian races considered as incidental nonspecific finding if seen as a single finding).

Declaration of Doctor / Person conducting U.S.G./Image Scanning

I, **Dr. Richa Gupta** declare that while conducting U.S.G. on Smt. Deepika

I have neither declared nor disclosed the sex of her foetus to anybody in any manner.

Free
Consultant Radiologist
Signature 5271
Reg. (Radiologist) M.P. Bhopal
Dr. Richa Gupta

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