



Patient Name: MRS SHIKHA PATEL  
Patient Id: 24922  
Ref Phy: DR. PUJA SINGH MD

Date: 31/05/2024  
Age/Sex: 28 Years / FEMALE  
Contact No:

### Investigation:- ANOMALY SCAN

| Dating                               | LMP             | GA    |      | EDD        |
|--------------------------------------|-----------------|-------|------|------------|
|                                      |                 | Weeks | Days |            |
| By LMP                               | LMP: 18/12/2023 | 23    | 4    | 23/09/2024 |
| By USG                               |                 | 21    | 6    | 05/10/2024 |
| AGREED DATING IS (BASED ON Biometry) |                 |       |      |            |

#### Fetal brain&skull:

Normal size of fetal head & normal son density of fetal skull bones, Normally seen fetal cerebral ventricles & choroid plexuses Cerebelli, vermis & cisterna magna.

Atria of lateral cerebral ventricle measures 5.9 mm

Normal craniovertebral junction observed.

#### Fetal face:

Revealing normal orbits, lenses & outer orbital & interorbital distance is 37.5 mm & 14.5 mm. respectively.

Jaws are seen normally. Premaxillary triangle seen normally.

Lips and nasal folds are normal.

Both nasal bones are seen ossified hypoplastic measures 3.2mm & 3.4mm in size.

#### Fetal Neck :

Nuchal fold is 5.4 mm in thickness.

No neck mass observed.

#### Fetal spine:

Seen normally though out its length.

No evidence of any myeloschiasis/ bifidus defect

#### Fetal thorax:

Proportionate fetal thoracic cage with normally seen lung parenchyma.

Fetal heart shows normal cardiac chambers with normal configuration.

Regular fetal heart rate & its rhythm observed.

Diaphragms are seen normally with no evident congenital hernia into the thorax

#### Fetal abdomen:

Revealing normal situs

Fetal kidneys\* Bilateral mild Fetal renal splitting noted

AP Dimension of RK: 2.9mm & LK: 3.4mm (Normal range)

urinary bladder, stomach seen normally

Fetal bowel loops are seen normally.

Normal cord insertion at the umbilicus with no evidence

for abdominal wall defect.

Cord configuration of vessels observed to be two arteries & one vein.

#### Limbs:

Fetal limbs both upper & lower are seen with normal proportionate long bone

Fetal feet & hands are showing normal digits. No CTEV seen.

Normal fetal limb movements with normal tone observed.

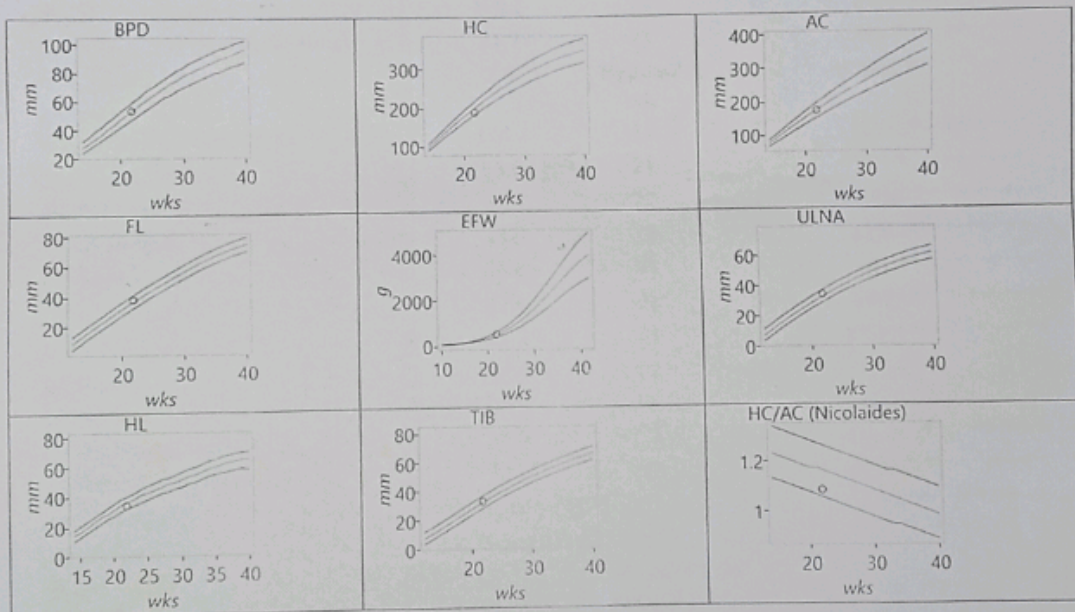




**Impression:-** Single live intrauterine gestation corresponding to 21 wks 6 days of estimated gestational age.

- Bilateral mild Fetal renal splitting noted  
AP Dimension of renal pelvis RK: 2.9mm & LK: 3.4mm at the level of hilum
- Hypoapstic nasal bones < 0.02%
- No other obvious structural abnormality at the time of examination.
- No other obvious soft marker of any chromosomal abnormality at the time of examination.

**Note :** Dedicated fetal echo not done in this scan .



Please note that all anomalies can not be detected all the times due to various technical and circumstantial reasons like gestation period, fetal position, quantity of liquor etc. The present study can not completely confirm presence or absence of any or all the congenital anomalies in the fetus which may be detected on post natal period. Growth parameters mentioned herein are based on International Data and may vary from Indian standards. Date of delivery (at 40 weeks) is calculated as per the present sonographic growth of fetus and may not correspond with period of gestation by L.M.P. or by actual date of delivery. As with any other diagnostic modality, the present study should be correlated with clinical features for proper management. Except in cases of Fetal Demise or Missed Abortion, sonography at 20-22 weeks should always be advised for better fetal evaluation and also for base line study for future reference.

Declaration of Doctor/Person conducting ultrasonography/image scanning

I, DR SUPRIYA MAHESHWARI declare that while conducting sonography on MRS SHIKHA PATEL, I have neither detected nor disclosed the sex of the fetus to anybody in any manner

DR SUPRIYA MAHESHWARI  
MD, RADIOLOGY  
CONSULTANT RADIOLOGIST  
Reg No : 11111





## OBSTETRIC USG STUDY

|                                                               |                              |
|---------------------------------------------------------------|------------------------------|
| <b>Fetus :</b> Single                                         | <b>Lie:</b> Longitudinal     |
| <b>FM :</b> Adequate                                          | <b>FCA :</b> 148b/mt Regular |
| <b>Liquor :</b> Adequate                                      | <b>Presentation :</b> Breech |
| <b>Placenta :</b> Posterior Gr 1 ( Away from the internal os) |                              |
| Cervix is 39.4 mm in length with closed os & canal.           |                              |

### Fetal Growth Parameters:-

|                                | mm                    | Weeks       | Days | Percentile |
|--------------------------------|-----------------------|-------------|------|------------|
| Biparietal Diameter            | 52.7                  | 22          | 1    | 4%         |
| Head Circumference             | 188.2                 | 21          | 1    | 2%         |
| Transverse Cerebellar Distance | 21.7                  | 21          | 6    | 2%         |
| Nasal Bone Length              | 3.4                   | Hypoplastic |      | 0.02%      |
| Abdominal Circumference        | 174.2                 | 22          | 3    | 11%        |
| Humerus Length                 | 33.6                  | 21          | 3    | 5%         |
| Radial Length                  | 31.3                  | 22          | 1    | 72.9%      |
| Ulnar Length                   | 33.5                  | 23          | 0    | 12%        |
| Femoral Length                 | 36.8                  | 21          | 5    | 3%         |
| Tibial Length                  | 32.8                  | 22          | 1    | 14%        |
| Fibula Length                  | 31.7                  | 21          | 4    | 39.7%      |
| Foot Length                    | 38.5                  | 22          | 1    |            |
| [FL/FT Ratio]                  | 0.96                  | ]           |      |            |
| Inner Orbital Distance         | 14.5                  | 21          | 6    | 69.5%      |
| Outer Orbital Distance         | 37.5                  | 23          | 6    | 57.5%      |
| Fetal Weight                   | 465 Grams + 68 Grams. |             |      | 2.3%       |
| Heart Rate                     | 148 Beats Per Minute. |             |      |            |
| FL/AC = 0.21                   | HC/AC = 1.08          |             |      |            |
| FL/BPD = 0.7                   | BPD/OFD = 0.39        |             |      |            |

| Vessels              | S/D | RI   | PI   | PI Percentile | Remarks                            |
|----------------------|-----|------|------|---------------|------------------------------------|
| Right Uterine Artery | 2   | 0.5  | 0.84 | 18.9%         | No early Diastolic notch seen      |
| Left Uterine Artery  | 2.8 | 0.64 | 1.45 | 93.9%         | No early Diastolic notch seen      |
| Mean Uterine Artery  |     |      | 1.14 | 69.1%         |                                    |
| Ductus Venosus       | 1.6 | 0.37 | 0.56 | 28.1%         | PSV = 71.2 Normal waveform Pattern |



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