



# Himalayan DIAGNOSTICS

PT. NAME :	MRS. VANDANA	AGE/SEX :	28 Y/ F
REF. BY :	DR. SMITA JAIN (MBBS, DGO)	DATE :	25.08.2025

## INVESTIGATION: OBSTETRIC ULTRASOUND

LMP = 01/04/2025

GA (LMP) = 20 weeks 6 days

EDD (LMP) = 06/01/2026

### FINDINGS:-

- Single live intrauterine fetus with cephalic presentation at the time of scan.
- Fetal cardiac activity regular (FHR = 144 b/min). Fetal movements present.
- Placenta: Anterior, grade I maturity.
- Liquor: Adequate (AFI ~ 12.0 cm)
- Cervical length is normal (~ 3.4 cm). Internal os closed.
- No loop of cord around the neck in current scan.

### FETAL PARAMETERS:

	Measurements	Corresponding Gestational Age
BPD	5.1 cm	21 weeks 3 days
HC	19.5 cm	21 weeks 5 days
AC	16.1 cm	21 weeks 2 days
FL	3.3 cm	20 weeks 5 days

Avg. GA By USG: 21 weeks 0 day  $\pm$  1 week 0 day.

Estimated Fetal Wt.: 395.74 gm  $\pm$  59.36 gm.

**IMPRESSION:** Single live intrauterine fetus of 21 weeks 0 day  $\pm$  1 week 0 day with cephalic presentation at the time of scan.

- EDD by USG : 05/01/2026
- Mean Uterine artery PI is normal for gestational age. Right uterine artery (PI 0.84, RI 0.52), Left uterine artery (PI 0.63, RI 0.47).
- Umbilical artery is normal for gestational age (PI 1.0, RI 0.66)
- Ductus - PI 0.93, RI 0.72.

### Declaration of the doctor/person conducting Ultrasound/Image scanning.

I, **Dr. Arvind Singh** (Name of the doctor conducting ultrasound) declare that while conducting ultrasound/ image scanning on **Mrs. Vandana** (Name of pregnant woman), I have neither detected nor disclosed the sex of the fetus in any manner.

Consultant Radiologist  
**Dr. Arvind Singh (M.D.)**  
Reg No. MP-17148

Consultant Radiologist  
**Dr. Sanjeev K Shukla (M.D.)**  
Reg No. MP-14228

Consultant Radiologist  
**Dr. Shivya Parashar (M.D.)**  
Reg No. MP- 23586

It is a professional opinion, not valid for medico legal purpose.

• This is only a professional opinion & not the diagnosis, Findings should be co-related clinically • Not for Medico legal Purposes.

M.X.P.

2A/294, Near AIIMS Gate No.-3, In Front of Gurudwara (Shakti Nagar Road), Saket Nagar, Bhopal (M.P.)  
Ph.: 0755 - 4951439





**Himalayan**  
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**INVESTIGATION: TARGET SCAN (LEVEL II)**

**2<sup>ND</sup> TRIMESTER USG MARKERS**

Ventricular diameter	7.2 mm
Choroid plexus cyst	Not seen
Cisterna magna	4.1 mm, normal
NFT	2.6 mm, normal
Interorbital diameter	13.7 mm, normal
Outerorbital diameter	32.4 mm, normal
Nasal bone length	5.9 mm
Prenasal thickness / nasal bone length	Less than 0.76, normal
Facial profile	Normal
Echogenic cardiac foci	Not seen
Pyelectasis	Not seen
Hyperechoic bowel	Not seen
Femur length or humerus length	Normal for GA
Clenched fist and overlapping digits	Not seen
Three vessel cord	seen

**P.T.O.**

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Scanned with CamScanner





## FETUS ORGAN SPECIFIC EVALUATION

### Skull & Brain:

- Skull bones appear ossified and normal in shape.
- Cavum septum is visualized.
- Ventricle diameter ~ 7.2 mm. No evidence of hydrocephalus.
- Cerebellar diameter ~ 19.5 mm.
- Cisterna magna measures ~ 4.1 mm, normal.
- Nuchal fold thickness measures ~ 2.6 mm, normal.

### Face:

- Nasal bone length measures ~ 5.9 mm.
- Inter orbital diameter ~ 13.7 mm, normal.
- Outer orbital diameter ~ 32.4 mm, normal.
- Chin & lips view appears normal.

### Spine:

- Whole spine is visualized and normal.
- Normal 3 ossification is noted.

### Heart:

- Cardiac position- levocardia, cardiac apex directed towards left side.
- Four chamber view and outflow tracts (RVOT, LVOT) appear normal.
- 3 vessel view is seen.
- AV ratio is normal. No obvious chamber enlargement noted. No obvious ventricular septal defect is seen.

### Skeletal:

- All 4 limbs are visualized. No gross limb abnormality noted.

### Chest:

- Chest circumference within normal limits. Both the lungs are homogeneous echogenic.
- Both the hemidiaphragm appear normal in shape. No evidence of diaphragmatic hernia seen.
- No pleural effusion is noted.
- No abnormal vascular supply from thoracic/abdominal aorta is seen.

### Abdomen:

- Stomach bubble is visualized and is normal in position.
- No abnormal defect is seen in anterior abdominal wall.
- No ascites noted. No evidence of omphalocele. No dilated echogenic bowel loops.

### Renal:

- Bilateral kidneys are visualized and appear normal.
- Urinary bladder is distended.

### IMPRESSION:

- Single live intrauterine fetus with gestational age as described.

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