

(2) Mrs. Mamta

Age - 29 Y/F

Quadruple Marked

DOB - 30/12/1996

CMP - 27/3/2025

Height - 5 feet

Weight - 55 kg

TEST REPORT

Patient ID B170825/19

Patient Name MAMTA

Referring Physician DR VAISHNAVI

Age & Sex 28 Years & F

Study Date & Time 17-Aug-2025 & 11:46:30 AM

Reported Date & Time 17-Aug-2025 & 04:00:57 PM

INVESTIGATION: OBSTETRIC ANOMALY SCAN (LEVEL II)

LMP = 27.03.2025 GA (LMP) = 20 weeks 3 days Estimated date of delivery (LMP) = 01.01.2026

Findings: -

- Single live intrauterine fetus with variable presentation at the time of scan.
- Foetal cardiac activity: Regular (FHR = 159 b/min). Fetal movements present.
- Placenta: Posterior wall grade I, well above the os.
- Liquor: Adequate. Single deepest pocket (4.7cm).
- Cervical length: is normal (~3.9cm). Internal os closed.

Fetal Parameters:

Estimated Fetal Weight.: 329 gm $\pm$ 48 gm. Estimated date of delivery by USG: 06.01.2026

Parameters	Measurements	Gestational Age
BIPARIETAL DIAMETER (BPD)	4.40cm	19 weeks 2 days
HEAD CIRCUMFERENCE (HC)	17.09 cm	19 weeks 5 days
ABDOMINAL CIRCUMFERENCE (AC)	15.71cm	20 weeks 6 days
FEMUR LENGTH (FL)	3.00cm	19 weeks 2 days
TIBIA	2.69 cm	19 weeks 5 days
FIBULA	2.96 cm	20 weeks 4 days
HUMERUS LENGTH (HL)	2.90 cm	19 weeks 3 days
RADIUS	2.80 cm	19 weeks 2 days
ULNA	2.56 cm	19 weeks 2 days



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2ND TRIMESTER USG ANOMALY MARKERS:

Lateral ventricular diameter	5.2 mm.
Trans-cerebellar diameter	19.4mm
Cisterna magna	2.3mm, normal
NFT (nuchal fold thickness)	3.1mm, normal
Intra orbiter Diameter	10.6mm, normal
Inter Orbiter Diameter	10.6mm, normal
Nasal bone	5.0 mm, normal
Choroid plexus cyst	Not seen
Facial profile	Abnormal
Echogenic cardiac foci	Not seen
Pyelectasis	Not seen
Echogenic bowel	Not seen
Femur length or humerus length	Normal for GA
Three vessel cord	Seen

ORGAN SPECIFIC EVALUATION:

Skull & Brain

- Skull bones appear ossified and normal in shape.
- Cavum septum is visualized.
- Ventricle diameter within normal limits. No evidence of hydrocephalus.
- Trans Cerebellar diameter within normal limits.
- Cisterna magna within normal limits.
- Nuchal fold thickness within normal limits.



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Face:

- Unilateral left-sided cleft lip involving the upper lip with possible extension towards the proximal alveolus.

Spine:

- Whole spine is visualized and normal.
- Normal 3 ossifications are noted.

Heart:

- Cardiac position- levocardia, cardiac apex directed towards left side.
- Four chamber view and outflow tracts (RVOT, LVOT) appear normal.
- AV ratio is normal. No obvious chamber enlargement noted.
- Recommended fetal echocardiography to rule out congenital cardiac anomalies.

Skeletal:

- All 4 limbs visualized. (digits not counted)

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.

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. Bilateral renal arteries are visualized. Bilateral renal pelvis diameter within normal limits.
- Urinary bladder is distended.



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DOWN'S SYNDROME RISK ASSESSMENT:

- Age related risk of Down's syndrome - 1: 901
- By Ultrasound age adjusted risk of Down's syndrome - 1: 901
- Total post-ultrasound likelihood ratio for down's syndrome is 1

UTERINE ARTERY DOPPLER SCAN:

- Right uterine artery PI: 1.0
- Left uterine artery PI: 1.0
- Mean PI: 1.0 (32 Percentile for gestational age - normal).

IMPRESSION:

- Single live intrauterine fetus with mean gestational age 19 weeks 5 days with variable presentation.
- EDD (estimated date of delivery by USG)- 06.01.2026.
- Unilateral left-sided cleft lip, involving upper lip with possible extension towards proximal alveolus.

ADVICE - Clinical correlation, further evaluation with fetal echocardiography to rule out congenital cardiac anomalies & follow up as clinically indicated.

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

I, Dr. VIVEK KUMAR SONI (Name of the doctor conducting ultrasound) declare that while conducting ultrasound/image scanning on Mrs. MAMTA, I have neither detected nor disclosed the

KINDLY NOTE -

- Only above described congenital anomalies seen at the time of today's scan, rest like cardiac anomalies, cleft palate, CTEV & Polydactyly etc. are not included in the scan. However, all congenital anomalies cannot be detected sonographically & detection of abnormalities may be dependent on the position of fetus & other factors at the time of scan.
- Follow-up scan recommended for further evaluation as clinically indicated.
- It is a professional opinion. The report and films are not valid for medico-legal purpose.
- Please intimate us if any typing mistakes and send the report for correction within 7 days.

कृपया अगली बार जाँच के लिए आने पर यह रिपोर्ट साथ में लावे।



Dr. Vivek Kumar Soni
MBBS, MD
Consultant Radiologist

