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Patient Name: SIMRAN ADITYA TETU

Ref Dr.: DR. KARUNA MURKEY (M.D. (OB.&GY))

Date: 30/07/2025

Age/Sex: 26 Years / FEMALE

USG OF GRAVID UTERUS (NUCHAL TRANSLUCENCY SCAN)

Single intrauterine live gestation is seen in variable position.

Placenta is posterior with Grade 0 maturity with its lower end reaching up to the internal os.

Internal os is closed. Cervical length is 34.4 mm.

Liquor is adequate.

Fetal cardiac activity is seen and heart rate is 158 beats per minute.

Nuchal translucency measures 0.9 mm (10%).

Nasal bone is visualized and measures 2.4 mm.

Ductus venosus shows normal spectral pattern. No e/o tricuspid regurgitation.

FETAL BIOMETRY:

| Dating | LMP | ▼GA(Corrected EDD):12w3d | | ▲AUA:12w3d | | Corrected EDD:08-02-2026 | |
|------------------|------------------------------|--------------------------|------|------------|------|--------------------------|------|
| | | Weeks | Days | Weeks | Days | Weeks | Days |
| By LMP | LMP: 27/04/2025 | 13 | 3 | | | 01/02/2026 | |
| By Corrected EDD | Corrected LMP: 04/05/2025 | 12 | 3 | | | 08/02/2026 | |
| By USG CRL | | 12 | 3 | | | 08/02/2026 | |

AGREED DATING IS (BASED ON Corrected EDD)

| | | |
|-----|---------|-----------------|
| CRL | 59.8 mm | 12 weeks 3 days |
| BPD | 19.9 mm | 13 weeks 1 days |
| HC | 77.8 mm | 13 weeks 2 days |

No obvious congenital anomaly is seen at this stage.

| Vessels | S/D | RI | PI | PI Percentile |
|----------------------|------|------|-------|---------------|
| Right Uterine Artery | 6.15 | 0.84 | 2.6 | 97.2% |
| Left Uterine Artery | 4.95 | 0.8 | 2.37 | 92.8% |
| Mean Uterine Artery | | | 2.485 | 96% |

- CT Scan -

Address: Shop No. 1,2,3, Bhavyam Building, Deorankar Nagar, Beside Khatri Hospital, Near Shivaji Complex, Amravati. Mob. 8080205889

- Sonography, Color Doppler, X-Ray & Pathology -

Address: Nucleus Diagnostic Centre, Shop No. 4,5,6, Shilpi Complex, Near Kushal Auto, Rajapeth, Amravati-444605 Tel. No. 0721-2950023 Page 1 of 3



Nucleus Diagnostic Centre

Discover Disease, Recover Health

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Date: **30/07/2025**

Age/Sex: **26 Years / FEMALE**

First trimester: Pre Ultrasound Maternal age risk for Trisomy21 is **1 in 885**

| Fetus | Risk estimate – NT |
|----------|--------------------|
| A | 1 in 5206 |

IMPRESSION:

- Single intrauterine live gestation of 12 weeks 3 days as per CRL.
- Menstrual age 13 weeks 3 days.
- Corrected EDD as per previous USG - 08/02/2026
- Placenta posterior with its lower end reaching up to the internal os.
- Internal os is closed. Cervical length is 34.4 mm.
- Nuchal translucency measures 0.9 mm.
- Nasal bone is visualized and measures 2.4 mm.
- Ductus venosus shows normal spectral pattern.
- No e/o tricuspid regurgitation.
- Raised mean uterine artery PI 2.485 (96%).

SUGGEST:

1. FIRST TRIMESTER DUAL MARKER SCREING.
2. FOLLOW UP STUDY TO RULE OUT ANOMALIES AT 18-20 WEEKS.

Note: It must be noted that detailed fetal anatomy may not always be visible due to technical difficulties related to fetal position, fluid volume, fetal movements, and patient's abdominal wall thickness. Therefore all fetal anomalies may not necessarily be detected at every examination.

DECLARATION: I have neither detected nor disclosed the sex of the fetus to anyone in any manner.

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