



# Nucleus Diagnostic Centre

Discover Disease, Recover Health

**Dr. Narayan Lakhotiya**

MBBS, DMRD, DNB (Radiology)  
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**Dr. Sneha Lakhotiya**

MBBS, MD (Pathology)  
MD (Dr. PDMC, Amravati)  
Reg. No. 2013051527

Patient Name: **KANCHAN AMOL SONONE**

Date: **26/05/2025**

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

Age/Sex: **28 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 33.6 mm.

Liquor is adequate.

Fetal cardiac activity is seen and heart rate is 152 beats per minute.

Nuchal translucency measures 1.4 mm (39% + + + + +).

Nasal bone is visualized and measures 2.9 mm (72.4% + + + + +).

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

### FETAL BIOMETRY:

|                |  |                |  |                 |  |                       |  |      |  |    |  |     |  |    |  |            |  |  |  |
|----------------|--|----------------|--|-----------------|--|-----------------------|--|------|--|----|--|-----|--|----|--|------------|--|--|--|
| LMP:07-03-2025 |  | ▼GA(LMP):11w3d |  | ▲AUA:12w2d      |  | EDD by LMP:12-12-2025 |  |      |  |    |  |     |  |    |  |            |  |  |  |
| 0              |  | 5              |  | 10              |  | 15                    |  | 20   |  | 25 |  | 30  |  | 35 |  | 40         |  |  |  |
| Dating         |  |                |  | LMP             |  |                       |  | GA   |  |    |  | EDD |  |    |  |            |  |  |  |
|                |  |                |  | Weeks           |  |                       |  | Days |  |    |  |     |  |    |  |            |  |  |  |
| By LMP         |  |                |  | LMP: 07/03/2025 |  |                       |  | 11   |  |    |  | 3   |  |    |  | 12/12/2025 |  |  |  |
| By USG CRL     |  |                |  |                 |  |                       |  | 12   |  |    |  | 2   |  |    |  | 06/12/2025 |  |  |  |

### AGREED DATING IS (BASED ON LMP)

|     |         |                 |
|-----|---------|-----------------|
| CRL | 56.8 mm | 12 weeks 2 days |
| BPD | 20.3 mm | 13 weeks 2 days |
| HC  | 78.7 mm | 13 weeks 2 days |

No obvious congenital anomaly is seen at this stage.

Screening Doppler of uterine arteries appears normal.

| Vessels              | S/D  | RI   | PI   | PI Percentile   |
|----------------------|------|------|------|-----------------|
| Right Uterine Artery | 3.12 | 0.68 | 1.31 | 11.4% + + + + + |
| Left Uterine Artery  | 3.57 | 0.72 | 1.53 | 27.7% + + + + + |
| Mean Uterine Artery  |      |      | 1.42 | 21% + + + + +   |

- 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, 7498854827

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|   |                                   |
|---|-----------------------------------|
| Patient Name: <b>KANCHAN AMOL SONONE</b>              | Date: <b>26/05/2025</b>           |
| Ref Dr.: <b>DR. KARUNA MURKEY (M.D. (OB.&amp;GY))</b> | Age/Sex: <b>28 Years / FEMALE</b> |

First trimester: Pre Ultrasound Maternal age risk for Trisomy21 is 1 in 760

| Fetus | Risk estimate - NT |
|-------|--------------------|
| A     | 1 in 4471          |

## IMPRESSION:

- Single intrauterine live gestation of 12 weeks 2 days as per CRL.
- Menstrual age 11 weeks 3 days.
- Placenta posterior with its lower end reaching up to the internal os.
- Internal os is closed. Cervical length is 33.6 mm.
- Nuchal translucency measures 1.4 mm.
- Nasal bone is visualized and measures 2.9 mm.
- Ductus venosus shows normal spectral pattern.
- No e/o tricuspid regurgitation.
- Normal mean uterine artery PI 1.42 (21% + - - -).

## SUGGEST:

1. FIRST TRIMESTER DUAL MARKER SCREEING.
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.

**Dr. Narayan Lakhotiya**  
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Consultant Radiologist  
FMF ID - 179168

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