



# Nucleus Diagnostic Centre

Discover Disease, Recover Health

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**Dr. Sneha Lakhotiya**

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

Patient Name: <b>MAMTA AKSHAY MAHURE</b>	Date: <b>19/05/2025</b>
Ref Dr.: <b>DR. KARUNA MURKEY (M.D. (OB.&amp;GY))</b>	Age/Sex: <b>32 Years / FEMALE</b>

## USG OF GRAVID UTERUS (NUCHAL TRANSLUCENCY SCAN)

Single intrauterine live gestation is seen in variable position.

Placenta is anterior with Grade 0 maturity with its lower end 1.9 cm away from the internal os.

Internal os is closed. Cervical length is 37.0 mm.

Liquor is adequate.

Fetal cardiac activity is seen and heart rate is 160 beats per minute.

Nuchal translucency measures 1.1 mm (15% ).

Nasal bone is visualized and measures 2.9 mm (50.7% ).

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

### FETAL BIOMETRY:

LMP:22-02-2025		▼GA(LMP):12w2d		▲AUA:12w5d		EDD by LMP:29-11-2025	
0		5		10		15	
20		25		30		35	
40							
Dating	LMP	GA	EDD				
		Weeks	Days				
By LMP	LMP: 22/02/2025	12	2	29/11/2025			
By USG CRL		12	5	26/11/2025			
AGREED DATING IS (BASED ON LMP)							

### AGREED DATING IS (BASED ON LMP)

CRL	63.1 mm	12 weeks 5 days
BPD	20.7 mm	13 weeks 2 days
HC	81 mm	13 weeks 3 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	3.43	0.71	1.37	20.3%
Left Uterine Artery	2.52	0.6	0.98	2.4%
Mean Uterine Artery			1.175	8%

- CT Scan -

Address: Shop No. 1, 2, 3, Bhavyam Building, Deorankar  
Beside Khair Hospital, Near Shivaji Complex,  
Amravati. Mob. 6080205889

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

Address: Nucleus Diagnostic Centre, Shop No. 4, 5, 6,  
Shilpi Complex, Near Kushal Auto Rajapeth,  
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**First trimester: Pre Ultrasound Maternal age risk for Trisomy21 is 1 in 461**

Fetus	Risk estimate - NT
A	1 in 2712

## IMPRESSION:

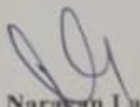
- Single intrauterine live gestation of 12 weeks 5 days as per CRL.
- Menstrual age 12 weeks 2 days.
- Placenta anterior with its lower end 1.9 cm away from the internal os.
- Internal os is closed. Cervical length is 37.0 mm.
- Nuchal translucency measures 1.1 mm.
- Nasal bone is visualized and measures 2.9 mm.
- Ductus venosus shows normal spectral pattern.
- No c/o tricuspid regurgitation.
- Normal mean uterine artery PI 1.175 (8% ).

## SUGGEST:

1. FIRST TRIMESTER DUAL MARKER SCREENING.
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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