



# Nucleus Diagnostic Centre

Discover Disease, Recover Health

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

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

Patient Name: SHABRIN KHATOON MOHAMMAD AHSAN ANSARI

Date: 26/04/2025

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

Age/Sex: 20 Years / FEMALE

## 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 reaching up to the internal os.

Internal os is closed. Cervical length is 32.9 mm.

Liquor is adequate.

Fetal cardiac activity is seen and heart rate is 170 beats per minute.

Nuchal translucency measures 1.9 mm (52% + + + + ).

Nasal bone is visualized and measures 3.7 mm (71.5% + + + + ).

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

### FETAL BIOMETRY:

LMP:24-01-2025		▼GA(LMP):13w1d	▲AUA:13w3d	EDD by LMP:31-10-2025		
Dating	LMP	GA		Weeks	Days	EDD
By LMP	LMP: 24/01/2025	13		13	1	31/10/2025
By USG CRL		13		13	3	29/10/2025

**AGREED DATING IS (BASED ON LMP)**

CRL	72.8 mm	13 weeks 3 days
BPD	22.4 mm	13 weeks 5 days
HC	89.2 mm	14 weeks 0 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	2.99	0.67	1.3	20.1% + + + +
Left Uterine Artery	4.51	0.78	1.92	76.9% + + + +
Mean Uterine Artery			1.61	54% + + + +

- CT Scan -

Shop No. 1,2,3, Bhavyam Building, Deorankar  
Beside Khatri Hospital, Near Shivaji Complex,  
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- Sonography, Color Doppler, X-Ray & Pathology -  
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**First trimester:** Pre Ultrasound Maternal age risk for Trisomy21 is 1 in 1068

Fetus	Risk estimate – NT
A	1 in 3814

### IMPRESSION:

- Single intrauterine live gestation of 13 weeks 3 days as per CRL.
- Menstrual age 13 weeks 1 days.
- Placenta anterior with its lower end reaching up to the internal os.
- Internal os is closed. Cervical length is 32.9 mm.
- Nuchal translucency measures 1.9 mm.
- Nasal bone is visualized and measures 3.7 mm.
- Ductus venosus shows normal spectral pattern.
- No e/o tricuspid regurgitation.
- Normal mean uterine artery PI 1.61 (54% + + + +).

### 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.

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