



**मेधा डायग्नोस्टिक्स**  
**32 Slice** अडवांस्ड सीटी स्कॅन  
 4D/3D सोनोग्राफी अॅण्ड डिजिटल एक्स-रे सेंटर

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 (Reg No. 2016/12/4963)  
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Name: Mrs. Shubhangi Premnath Rajbhar	Age: 32 Years	Sex: F
Ref: Dr. Shwetal Bandawar Mam		Dt.: 13 May 2025

### REAL TIME ULTRASOUND - FIRST TRIMESTER (NT SCAN)

Parameters	Value	Parameters	Value
LMP	23/02/2025	EDD by LMP	30/11/2025
Menstrual Age	11 Weeks 2 days	EDD by present scan.	25/11/2025
Average GA by USG	12 Weeks 0 days	EDD by first dating scan	--

Single live intrauterine fetus with normal cardiac activity and fetal movements.

**CRL : 5.44 cms = 12 weeks 0 day**

Normal cardiac activity seen. Fetal heart rate - 171 bpm.

**Nuchal translucency measures 1 mm. (< 5 centiles - within normal limits)**

Nasal bone is well visualized and appears ossified.

Intracranial translucency is well visualized.

**Ductus venous show normal flow in atrial systole.**

**No e/o tricuspid regurgitation.**

Liquor is adequate.

Placenta is differentiated developing anteriorly with grade 0 maturity.

Internal os is closed. **Cervix measures 3.5 cms.**

Fetal stomach, spine, limbs, four chamber heart are well visualized and appears normal.



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### COLOUR DOPPLER -

	RI	PI	S/D	Percentile of PI
Right Uterine Artery	0.8	2.1	7.0	93 Centiles
Left uterine Artery	0.9	2.8	13.7	Higher side of normal

Right uterine artery and left uterine artery reveal high resistance flow.

### CONCLUSION:

- Single live intrauterine pregnancy corresponding with 12 weeks 0 day.
- Nuchal scan is within normal limits.
- High resistance flow in bilateral uterine artery. (High risk of preeclampsia/IUGR)

Assigned EDD by LMP - 30/11/2025

Suggest Dual marker and combined risk assessment.

Anomaly scan between 19-20 weeks.

All fetal measurements including fetal weight are subject to known statistical variations. Not all anomalies can be detected on ultrasound due to varying fetal position, amounts of liquor, fetal movements and abdominal wall thickness.

**DECLARATION OF DOCTOR** - I, Dr Jitesh Serkure declare that while conducting ultrasonography/image scanning, I have neither detected nor disclosed the sex of her foetus to anybody in any manner.

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