

# TOPSTAR DIAGNOSTIC CENTRE

Reg. No.- MP/PCPNDT/HBD/2023/55  
 Dr. Rahul Potpose MBBS, DMRD (Radiologist)

Reg.No.- M.P 17248

Near Meena Fracture Hospital Con-07574466100.7693000777.9826969592

NAME- MRS SONAM RAGHUVANSHI W/O MR RADHESHYAM	AGE-31Y/F
REFERRED BY- DR BINDHU JOSEPH MA`AM	DATE-05/10/2025

## NT-NB / EARLY FETAL MORPHOLOGY SCAN

LMP : 27/06/2025	LMP GA : 14weeks 2days
EDD(LMP) : 03/04/2026	AUA : 12weeks 5days
EDD (AUA) : 14/04/2026	

- Single live intrauterine fetus is seen.
- Fetal cardiac activity is regular (**FHR- 152BPM**).
- Body movements are observed normally.
- Placenta is noted on Anterior wall. *inferior edge is ~ 2.1cm away from internal os*.
- No evidence of retroplacental collection.
- Cervix is normal in length. Cervical canal is undilated. *cervical canal length ~3.1cm*.

**fetal survey**

- *echogenic fetal skull is seen. midline echoes & choroid plexuses filling the lateral ventricles seen. intracranial translucency – 1.6mm.*
- *Intraocular lenses visualized bilaterally.*
- *Ossified & appropriately echogenic nasal bone is visualized*
- *Pre maxillary triangle is visualized.*
- *vertebral bodies & overlying skin demonstrated.*
- *fetal heart is 4 chambered. normal situs.*
- *shape of chest appear normal.*
- *Stomach bubble is seen*
- *kidneys, urinary bladder visualized normally.*
- *umbilical arteries seen outlining the urinary bladder*
- *evidence of normal insertion of umbilical cord into abdomen*
- *all 4 limbs visualized.*

• CRL	62mm
• NT	1mm

## DOPPLER:

- *Ductus venosus shows a normal triphasic waveform with positive 'a' wave.*
- *No significant tricuspid regurgitation noted.*

	PSV(cm/s)	P.I.	R.I.
Right uterine artery	69	2.5	0.8
Left uterine artery	80	1.6	0.7

- *Mean uterine artery PI: 2(83<sup>rd</sup> percentile)*
- *mean arterial pressure – 78.8*

- risk of pre eclampsia before 37 weeks (history, MAP, uterine artery PI) : 1 in 290.

(The risk of developing preeclampsia before 37 weeks is low. Nevertheless, it is recommended that the risk is reassessed at 20 and 36 weeks.)

- **Risks from History, NT, DV PI, Tricuspid**  
Trisomy 21: 1 in 8900  
Trisomy 13/18: <1 in 10000

**[IMPRESSION]:**

- **SINGLE LIVE INTRAUTERINE FETUS CORRESPONDING TO 12WEEKS 5DAYS OF GESTATIONAL AGE.**
- **CRL - 62MM (<1<sup>st</sup> percentile)**
- **NT- 1MM ( 12<sup>th</sup> percentile).**
- **NASAL BONE IS SEEN**
- **DUCTUS VENOSUS FLOW & TRICUSPID VALVE DOPPLER WERE NORMAL**
- **NO MAJOR STRUCTURAL ABNORMALITY WAS IDENTIFIED ON THE LIMITED FIRST TRIMESTER SURVEY**

**( COMBINED SCREENING WITH DOUBLE MARKER IS RECOMMENDED THAN ISOLATED NT/NB SCAN )**

*Declaration: I DR RAHUL POTPOSE, have neither detected nor disclosed the sex of the fetus to the patient or to any body else in any manner while performing ultrasound examination of the patient Mrs..SONAM.*

  
DR. RAHUL POTPOSE  
MBBS, DMRD  
fetal medicine foundation certified for NT-NB scan  
FMF ID- 329317



भारत सरकार

Government of India



सोनम रघुवंशी  
Sonam Raghuwanshi

जन्म तिथि / DOB : 01/01/1994

महिला / Female



9419 4752 2221

आधार - आम आदमी का अधिकार