



First trimester: Pre Ultrasound Maternal age risk for Trisomy 21 is 1 in 885

|           |           |
|-----------|-----------|
| T21 Risk  |           |
| From - NT | 1 in 3161 |

**CONCLUSION:**

- GA assigned by LMP (13 wks 03 days).
- Single live intrauterine pregnancy and fetal growth corresponding to 12 wks 04 days according to USG.
- Small subchorionic hemorrhage / collection noted at the time of examination

There is discrepancy between GA according to period of LMP and GA according to USG by approx 1 week

**ADVICE-** Dual marker correlation and Anomaly scan at 20 wks to 22 wks is suggested

I, DR. ABHIJEET TIWARI declare that while conducting sonography on MALTI SONWANI (name of pregnant woman), I have neither detected nor disclosed the sex of the fetus to anybody in any manner.

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Please note that all anomalies can not be detected all the times due to various technical and circumstantial reasons like gestation period, fetal position, quantity of liquor etc. The present study can not completely confirm presence or absence of any or all the congenital anomalies in the fetus which may be detected on post natal period. Growth parameters mentioned herein are based on International Data and may vary from Indian standards. Date of delivery (at 40 weeks) is calculated as per the present sonographic growth of fetus and may not correspond with period of gestation by L.M.P. or by actual date of delivery. As with any other diagnostic modality, the present study should be correlated with clinical features for proper management. Except in cases of Fetal Demise or Missed Abortion, sonography at 20-22 weeks should always be advised for better fetal evaluation and also for base line study for future reference.

**ISO 9001:2015**  
(Quality Management Systems)



New Dhamtari Road, Pachpedi Naka, Raipur (CG) 492001

Patient Name: **MALTI SONWANI**  
 Ref Phy: **[REDACTED]** Date: **23/05/2025**  
 EQUIPMENT: Samsung HS70A latest edition Color Doppler 3D/MD/5D Unit. Age/Sex: **26 Years / FEMALE**

**USG LEVEL I (NT & NB SCAN) WITH UTERINE ARTERY DOPPLER**

LMP: 18-02-2025      ▲ AUA: 12w4d      ▼ GA(LMP): 13w3d      EDD by LMP: 25-11-2025

| Dating | LMP             | GA                 | EDD        |
|--------|-----------------|--------------------|------------|
| By LMP | LMP: 18/02/2025 | Weeks 13<br>Days 3 | 25/11/2025 |
| By USG |                 | 12<br>4            | 01/12/2025 |

AGREED DATING IS (BASED ON LMP)

There is a single gestation sac in uterus with a single fetus in variable presentation.  
 The fetal cardiac activities are well seen.  
 Placenta is posterior in lower segment, lower margin reaching till internal os and grade 0 in maturity.  
 Amniotic Fluid: Normal for GA  
 Internal os is closed and length of cervix is ~ 38 mm  
 Small subchorionic hemorrhage / collection is noted at the time of examination, measures ~ 1.5 cc

The fetal growth parameters are as follow :

|                                                                               | mm                      | weeks | days |
|-------------------------------------------------------------------------------|-------------------------|-------|------|
| Crown Rump Length                                                             | 60                      | 12    | 4    |
| Heart Rate                                                                    | 150 Beats Per Minute.   |       |      |
| The Embryo attains 40 weeks of age on                                         | 01/12/2025              |       |      |
| Nuchal Translucency                                                           | 1.8 mm 63%              |       |      |
| Nasal Bone                                                                    | 2.4 mm 5.1%             |       |      |
| Hands, Limbs, Nasal Triangle Integrity, Bladder, Stomach & Umbilical Arteries | Seen                    |       |      |
| Ductus Venosus Waveform                                                       | Normal waveform Pattern |       |      |

| Vessels              | S/D  | RI   | PI   | PI Percentile | Remarks                          |
|----------------------|------|------|------|---------------|----------------------------------|
| Right Uterine Artery | 2.69 | 0.63 | 1.12 | 8.9%          |                                  |
| Left Uterine Artery  | 3.7  | 0.73 | 1.56 | 51.6%         |                                  |
| Mean Uterine Artery  |      |      | 1.34 | 28%           | Normal                           |
| Ductus venosus       | 1.11 | 0.1  | 0.56 |               | PSV=27.6 Normal waveform Pattern |

Forwarded

**Malti sonwani 26/F**  
**Test - DUAL MARKER**  
**DOB - 14 / 10 / 1996**  
**Hight - 132 cm**  
**Weight - 57Kg**