

<b>Name</b>	Mrs.KHAMAR MADIHA AFNAN	<b>Patient ID</b>	AS_SAT_US_3481
<b>Accession No</b>	3481_252723_301	<b>Age/Gender</b>	026Y / Female
<b>Referred By</b>	MEDI ASSIST HEALCARE SERVICES - CREDIT	<b>Date</b>	18-Sep-2025

### **USG STUDY OF FIRST TREMESTER SCREENING OF ANOMALIES (NT SCAN)**

Trans abdominal/vaginal approach of female pelvic organs showed gravid uterus with a single live intra uterine developing fetus at the time of scan, with the following measurements.

**LMP : 25/06/2025 GA(LMP) : 12 weeks 1 days EDD(LMP): 31/03/2026.**

	<b>Measurements</b>	<b>Weeks</b>	<b>Days</b>
<b>CRL</b>	<b>6.5 cm</b>	<b>12 Weeks</b>	<b>6 Days</b>
<b>BPD</b>	<b>1.8 cm</b>	<b>13 Weeks</b>	<b>0 Day</b>
<b>HC</b>	<b>7.1 cm</b>	<b>12 Weeks</b>	<b>6 Days</b>
<b>FL</b>	<b>0.8 cm</b>	<b>12 Weeks</b>	<b>5 Days</b>

#### **Maternal Side:**

Developing placenta is **anterior** in location.

No evidence of retroplacental/subchorionic collections.

Cervical length :**5.4 cm**, internal os is closed.

#### **SCREENING FOR EARLY FETAL ANOMALIES:**

**Fetal head:** bony calvarium is continuous and shows normally placed echogenic choroid plexus and falx. Nuchal translucency : **1.3 mm**. Nasal bone is visualized.

**Fetal heart :** heart is normally placed.

Cardiac activity is noted. **FHR 145 is bpm** and regular.

**Fetal abdomen:** Cord insertion is normal. Ductus venosus showed normal flow pattern.

**Fetal limbs:** All 4 extremities with 3 segments are visualized at the time of scan.

Fetal movements good.

	<b>PI</b>	<b>RI</b>	<b>Mean PI</b>
<b>Right uterine artery</b>	1.2	0.66	0.8
<b>Left uterine artery</b>	0.47	0.38	
<b>Ductus venosus</b>	1.0	0.74	

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Bilateral uterine arteries and ductus venosus flow pattern showed normal flow pattern for current GA.

**IMPRESSION:**

- Single live intra uterine developing fetus corresponding to 12 weeks 06 days of gestation. EDD by Current USG: 27/03/2026.

**Dr. PRASAD JANARDAN BORKAR**  
(MBBS, MD Radiodiagnosis)

I Dr. PRASAD JANARDAN BORKAR declare that while conducting ultrasonography of MRS. KHAMAR MADIHA AFNAN have neither detected nor disclosed the sex of her fetus to anybody in any manner.

Assessment of nuchal translucency, presence of nasal bone and fetal heart rate decreased the maternal age related risk for down's syndrome from 1:1008: to 1:10241.

Recommended a serum DOUBLE MARKER TEST interpolation with NT scan to improve the detection rate for chromosomal abnormality.

We thank you for giving us an opportunity to serve you.

For any report clarifications, doctors please contact 7824-860997 from 9am – 8pm.



Dr Prasad Borkar MBBS MDRD  
Radiologist  
Reg no: 2018041135