

**Face :**

Normal slope of the forehead.  
Both bony orbits seen.  
Nasal bone, maxilla & Retronasal triangle appeared normal.

**Neck :**

Normal NT.  
No jugular cysts.

**Thorax :**

Normal shape of the thoracic wall.  
Normal appearing lung fields.

**Heart :**

Normal cardiac situs.  
Normal cardiac size ( Seen occupying 1/3 of thoracic space).  
Four chambered heart with 2 distinct ventricles on grayscale & colour Doppler.  
Three-vessel-and trachea-view seen on colour Doppler.  
Absence of tricuspid regurgitation / antegrade ductus venosus A-wave on pulsed colour doppler.

**Abdomen :**

Stomach shows normal position in left upper abdomen.  
Two umbilical arteries bordering bladder seen.  
Normal filled bladder in pelvis ( Long.Diameter < 7 mm)  
Both kidneys seen.  
Abdominal wall intact with umbilical cord insertion.

**Spine :**

Regular shape & continuity of spine.

**Limbs :**

Upper limbs with three segments & free movements seen.  
Lower limbs with three segments & free movements seen.  
Both open hands seen.

**Impression**

Single intrauterine gestation corresponding to a gestational age of 12 Weeks  
Gestational age assigned as per biometry ( CRL )  
Menstrual age 12 Weeks 3 Days  
Corrected EDD 11-08-2025

Posterior placenta reaching upto internal os.

**RAISED AVERAGE UTERINE ARTERY PI.**

**SUGGESTED COMBINED RISK ASSESMENT WITH BIOCHEMICAL MARKERS.**

**SUGGESTED CONGENITAL ANOMALY SCAN AT 19 WEEKS.**

Declaration of the doctor/person conducting sonography

I declare that conducting ultrasonography / Image scanning of this patient, I have neither detected nor disclosed the sex of her fetus to anybody in any manner.

**First trimester screening for Downs**

**Maternal age risk 1 in 1483**

Fetus	Risk estimate - NT	Risk estimate - NT + NB
A	1 in 8724	1 in 29078

**DR.KAWLAS UMASHANKAR.**  
**DMRD ( FMF ID : 226555 )**









Patient name	Mrs. DURGA GUNDEKAR	Age/Sex	21 Years / Female
Patient ID	E82670-25-01-27-2	Visit no	1
Referred by	Dr. Manisha Rajgure (D.G.O.)	Visit date	27/01/2025
LMP date	01/11/2024, LMP EDD: 08/08/2025[12W 3D]   C-EDD: 11/08/2025[12W]		

## OB - First Trimester Scan Report

Real time B-mode ultrasonography of gravid uterus done.

Route: Transabdominal

Single intrauterine gestation

### Maternal

Cervix measured 3.40 cm in length.

Internal os is closed.

Right Uterine	3.07	—●— (90%)
Left Uterine	2.44	—●— (90%)
Mean PI	2.755	—●— (90%)

### Fetus

#### Survey

Posterior placenta reaching upto internal os.

Liquor - Adequate

Umbilical cord - Two arteries and one vein

Fetal activity present

Cardiac activity present

Fetal heart rate - 169 bpm

#### Biometry(Hadlock, Unit: mm)

CRL	56.8, 12W	—●— (50%)
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#### Fetal doppler

DuctusVenosus PI	1.25	—●—
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IT - 2 mm

BSOB ratio - 0.43 mm

#### Aneuploidy Markers (mm)

Nasal Bone	2.3	—●— (28%)	Nasal bone appeared normal for GA.
NT	1	—●— (3%)	Nuchal translucency appeared normal for GA.
Ductus Venosus	No "a" wave reversal		
Tricuspid Regurgitation	No e/o tricuspid regurgitation.		

#### Fetal Anatomy

##### Head & Brain :

Normal cranium contour & shape.

Cranial vault is formed. Calcification of cranium present.

Two brain halves separated by interhemispheric falx seen.

Choroid plexuses seen almost filling lateral ventricles in their posterior two-thirds ( Butterfly sign ) .

Normal appearing intracranial translucency ( Fourth ventricle ).

Cisternal magna appeared normal.