

Fetal Anatomy

Cisterna magna measured 2.8 mm

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.

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 14 Weeks 3 Days

Gestational age assigned as per biometry (CRL)

Menstrual age 13 Weeks 5 Days

Corrected EDD 10-03-2025

Placenta - Anterior high

Liquor - Adequate

NORMAL UTERINE ARTERY PI.

SUGGESTED COMBINED RISK ASSESMENT WITH BIOCHEMICAL MARKERS.

SUGGESTED CONGENITAL ANOMALY SCAN AT 19 WEEKS.

Mrs. JAYASHREE MAGAR / E82670-24-09-12-8 / 12/09/2024 / Visit No 1


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 1324

Fetus	Risk estimate - NT	Risk estimate - NT + NB
A	1 in 7788	1 in 25961


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



Patient name	Mrs. JAYASHREE MAGAR	Age/Sex	25 Years / Female
Patient ID	E82670-24-09-12-8	Visit no	1
Referred by	Dr. Monica Jaiswal (Laxmi Maternity	Visit date	12/09/2024
LMP date	08/06/2024, LMP EDD: 15/03/2025[13W 5D] C-EDD: 10/03/2025[14W 3D]		

OB - First Trimester Scan Report

Real time B-mode ultrasonography of gravid uterus done.

Route: Transabdominal

Single intrauterine gestation

Maternal

Cervix measured 3.70 cm in length.

Internal os is closed.

Right Uterine	0.88	● — — — (4%)
Left Uterine	0.7	● — — — (2%)
Mean PI	0.79	● — — — (3%)

Fetus

Survey

Placenta - Anterior high

Liquor - Adequate

Umbilical cord - Two arteries and one vein

Fetal activity present

Cardiac activity present

Fetal heart rate - 157 bpm

Biometry (mm)

CRL	84.5, 14W 3D	— ● — — (50%)
BPD	26.1, 13W 1D	● — — — (6%)
HC	98, 13W 6D	— ● — — (22%)
AC	76.3, 13W 3D	● — — — (9%)
FL	13.7, 13W 6D	— ● — — (20%)

Fetal doppler

Ductus Venosus PI	0.91	— — — ●
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TCD : 14 mm ● — — — (5%)

IT - 2.6 mm

BSOB ratio - 0.54 mm

Aneuploidy Markers (mm)

Nasal Bone	3.3	— ● — — (25%)	Nasal bone appeared normal for GA.
NT	1.4	● — — — (4%)	Nuchal translucency appeared normal for GA.
Ductus Venosus	No "a" wave reversal		
Tricuspid Regurgitation	No e/o tricuspid regurgitation.		