



Sahyadri

SONOGRAPHY CENTRE

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Dr. Kawias Umashankar

D.M.R.D.

Fetal Medicine Foundation (FMF UK)

Certified For 1st Trimester Screening / NT Scan

Patient name	Mrs. SAVITA KOTHALE	Age/Sex	35 Years / Female
Patient ID	E82670-23-10-30-13	Visit no	1
Referred by	Dr. Ashwini Hambarde (MS OBGY).	Visit date	30/10/2023
LMP date	Unknown C-EDD: 09/05/2024(12W 4D)		

OB - First Trimester Scan Report

Real time B-mode ultrasonography of gravid uterus done.

Route: Transabdominal

Single intrauterine gestation

Maternal

Cervix measured 3.60 cm in length.

Internal os is closed.

Right Uterine	2.75	—●— (72%)
Left Uterine	2.02	—●— (72%)
Mean PI	2.385	—●— (92%)

Fetus

Survey

Fundo-anterior high placenta.

Liquor - Adequate

Umbilical cord - Two arteries and one vein

Fetal activity present

Cardiac activity present

Fetal heart rate - 173 bpm

Biometry(Hadlock, Unit: mm)

CRL	62.4, 12W 4D	—●— (50%)
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Fetal doppler

Ductus Venosus PI	1.15	—●—
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IT - 1.7 mm

BSOB ratio - 0.37 mm

Aneuploidy Markers (mm)

Nasal Bone	2.6	—●— (31%)
	Nasal bone appeared normal for GA.	
NT	1	—●— (2%)
	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.

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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)

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 4 Days

Gestational age assigned as per biometry (CRL)

Corrected EDD 09-05-2024

AVERAGE UTERINE ARTERY PI IS ON HIGHER SIDE OF NORMAL RANGE (92%).

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 an

First trimester screening for Downs

Maternal age risk 1 in 344

Fetus	Risk estimate - NT	Risk estimate - NT + NB
A	1 in 2024	1 in 6745

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



XOX

② Mrs. SAVITA KOTHALE 36/F

- TFT

- Dual Morker

(LMP - Unknown, DOB - 22/10/87)

wt - 56 kg

- No Smoker

- No IVF

- No Diabetic

Lokseva Path Lab M-5

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