

Patient Name: Shilpa Kamble	Age/sex: 37 Yr/F
Referred by: Dr. S. F. Karpe	Date: 28/02/2024

Anomaly scan

LMP: 25/10/2023

GA by LMP: 18 weeks

EDD: 01/08/2024

There is a single gestational sac with a single fetus. The fetus shows spontaneous movements and heartbeat. The presentation is variable

The placenta is posterior.	Cervix – 3.4 cm	Internal OS is closed.
The liquor is adequate.	AFI – 10-11	Deepest Vertical pocket of liquor = 3.6 cm.
Fetal heart rate (FHR) is 144 bpm		

FETAL PARAMETERS:

Parameter	Measurements Cm	Weeks	Days
Biparietal diameter (BPD)	4.0	18	1
Head circumference (HC)	14.5	17	5
Abdominal circumference (AC)	11.1	17	0
Femur length (FL)	2.5	17	4
Humerus length (HL)	2.4	17	4

FETAL ANATOMICAL SURVEY:

BRAIN:

Cerebrum	Seen - appears normal
Midline falx	Seen - appears normal
Cavum septum	Seen - appears normal
Ventricles	Seen - appears normal
Diameter at atria = 6.4 mm	within normal limits.
Cerebellar hemisphere	Seen - appears normal
Cistern Magna = 3.9 mm	Seen - appears normal
Choroid Plexi	Seen - appears normal
No identifiable intra-cranial lesion noted.	



NECK: - No cystic lesion noted around the neck

Nuchal thickness = 3.6 mm.

Appears normal

FACE:

Nasal bone = 4.7 mm (14 %tile)

Appears normal

Nose

Seen - appear normal

Orbits

Seen - appear normal

Lips

Seen - appear normal

Palate

Seen - appear normal

Mandible

Seen - appear normal

SPINE:

Seen - appears normal

LUNGS: -

Seen - appear normal

HEART:

Normal cardiac situs

4- Chamber view

Seen - appear normal

RVOT

Seen - appear normal

LVOT

Seen - appear normal

Inter ventricular septum

Seen - appear normal

Ductus arteriosus

Seen - appear normal

The SVC, right atrium, IVC

Seen - appear normal

ABDOMEN:

Abdominal situs

Appear normal

Stomach bubble

Seen - appears normal

Bowels

Seen - appears normal

Right kidney

Seen - appears normal

Left kidney

Seen - appears normal

Urinary bladder

Seen - appears normal

Umbilical cord insertion

Seen - appears normal

Umbilical cord

3 vessels seen

LIMBS:

Upper limbs: Humerus, radius, ulna -

Seen - appear normal

Lower limbs: Femur, tibia, fibula-

Seen - appear normal

No club foot seen on both sides

UTERINE ARTERIES:-

Right uterine artery PI = 0.8

Left uterine artery PI = 0.7

Mean uterine artery PI = 0.7 (2 %tile) - within normal limits

(Uterine artery PI is an indicator for Preeclampsia and Fetal growth restriction (FGR) in 3rd trimester)

Estimated Fetal weight (EFW) = 190 gms (13.8 %tile).

MCA PSV – 18.6 cm/sec – 0.81 MoM – Normal (No anemia)

2nd TRIMESTER RISK ASSESSMENT OF TRISOMY 21:

Intracardiac echogenic focus	marker is absent
Mild hydronephrosis	marker is absent
Short femur/ humerus	marker is absent
Choroid plexus cyst	marker is absent
Echogenic bowel	marker is absent
Increased nuchal fold	marker is absent
Absent or hypoplastic nasal bone	marker is absent
Ventriculomegaly	marker is absent

IMPRESSION:

- A single live intrauterine fetus of average gestational age 17 weeks 4 days.
- No obvious fetal anomaly is seen at present scan.

SUGGEST:- Follow up scan at 23-24 weeks.


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I Dr. Nitin Jadhav declare that, sex of the foetus is neither detected, nor disclosed to anybody in any manner. [Please note: All anomalies cannot be detected on USG. Few anomalies can evolve later and diagnosed in late second or third trimester (CNS / GIT / GUT & Cardiac anomalies). Few anomalies cannot be diagnosed on antenatal USG like trachea-esophageal fistula, imperforate anus, isolated palatal defects & few genitourinary abnormalities, abnormalities involving hands, feet, ears, soft tissues etc. Expert's opinion is recommended always in case of any doubt or query].

Thanks for referral.

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