



Patient Name	: MRS. KOMAL SWAPNIL KHARAT	Date : 24 Nov 2023
Referred By	: Dr. SUNIL RAUTMARE	Age : 26 YEARS

OBSTETRIC ANOMALY SCAN

Amenorrhea by LMP 19 Jun 2023 is 22 weeks 4 days.

GA by previous USG is 19 weeks 4 days

NT scan on 6 oct 2023 low risk for down's \$

FINDINGS

Single intrauterine live gestation is seen breech

Fetal cardiac activity and movements are normal. (HR 148 beats/minutes, regular)

Internal os is closed. Cervical canal is normal. Cervical length is 3.69 cm.

The placenta is anterior, normal maturity, not low lying. Small placental footprint

Normal amniotic fluid is seen. Largest pocket is 3.5 cm

Fetal anatomy survey :-**Fetal Head :-**

Skull shows normal mineralization and the calvarium appears normal.

Fetal brain shows two cerebral hemisphere with midline falx cerebri.

Cavum septum pellucidum is visible and appears normal.

Both ventricles and choroid plexus are normal.

Cerebellum appears normal. No e/o focal lesion seen in fetal brain.

Brain additional biometry :-

Cephalic Index is normal

Cerebellum measures 1.73 cm (normal).

Cisterna magna measures 4.84 mm (normal).

Nuchal fold thickness is 5.28 mm (normal).

Atrium of lateral ventricle is 4.4 mm normal..

Facial structures show normal symmetry and development.

Lips, nose, chin appear normal. Pre-maxillary triangle appears normal.

Maxillary and mandibular bony arch appears normal.

Interocular diameter is 0.72 cm (normal).

AD



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Thorax Bilateral lungs appear normal. Both diaphragms are normal.
No cystic/ solid lesion is seen. No pleural effusion.

Abdomen Fundic bubble is seen on left side of fetus.
There are no abnormal dilated bowel loops.
Kidneys appears normal.
Urinary bladder appears normal. There is no evidence of hydronephrosis.

Spine Spine shows normal appearance and shows normal ossification centers.

Fetal limbs All long bones shows normal shape, size
No e/o bony fracture seen.
Femur to foot ratio is ~1.
Chest circumference to Abdominal circumference ratio is normal
Femur to abdominal circumference ratio is 22.51 Percent (normal).
Both hands and feet were visualized. No e/o CTEV seen on either side.

Heart is normal in axis, size, and shape and shows normal 4 chamber.
Cardio-thoracic ratio is 0.5 (normal). Both outflow tracts are arising
from respective ventricles. Pulmonary artery, aorta and superior vena
cava appears normal on three vessel trachea view.
Normal confluence of ductal and aortic arch seen on left side.
No pericardial effusion is seen.

Two vessel **cord** is seen. Normal cord insertion seen.

No obvious congenital abnormality seen at present.

(Small VSD's, few cardiac anomalies and developing colorectal ,cerebral, cord
anomalies may not be detected at present)



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Fetal biometry parameters

	cm	Weeks / days
BPD	4.41 cm	19 weeks 2 days
HC	18.13 cm	20 weeks 4 days
AC	14.93 cm	20 weeks 1 days
FL	3.36 cm	20 weeks 4 days
HL	3.25 cm	20 weeks 6 days

Estimated fetal weight is 347 g (+ / - 15%)

Mean maternal uterine arteries Doppler pulsatility index is 1.5 (normal).

EDD by previous USG is 15 April 2024 (+/- 2 weeks). For follow up.

**IMPRESSION:- Single live intrauterine fetus of average gestational age 20 w 1 d.
Normal fetal interval growth. Suggest follow up.**

Two vessel cord noted quadruple marker test may be done.

Note: All measurements are subject to statistical variation. Some fetal anomalies may not be seen due to fetal position, fetal number, less amniotic fluid, subtlety of anomaly/ developing anomaly. Maternal abdominal fat may limit optimal penetration of ultrasound.

Declaration: I declare that while conducting ultrasonography on MRS. KOMAL SWAPNIL KHARAT I have neither detected nor disclosed the sex of the fetus to anybody in any manner.

DR ADESH BUTALA

Consulting radiologist, reg No 59022

Declaration: I, MRS. KOMAL SWAPNIL KHARAT, declare that by undergoing ultrasonography I do not want to know the sex of my fetus.

MRS. KOMAL SWAPNIL KHARAT

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