

USG- OBSTETRIC –ANOMALY SCAN

Name of Patient : MRS. Isara Mohamadkudas Khatoon
Ref by : Dr. S S Malekar
Date : 17 Aug 2023

LMP: 25.03.2023

Menstrual age: 20 wks 5 d

Single live intrauterine fetus by **variable** presentation.

Fetal body movements & cardiac activity appear normal.

Fetal heart rate regular and normal. **154 bpm**

No obvious sonographic fetal congenital anomaly seen. System wise survey done showing normal configuration for this position and gest age. fetal cerebral ventricles appear normal. 4C heart and ventricular outlets appear normal.

FETAL BIOMETRY:

	BPD	HC	AC	FL
CM	5.22	19.05	17.1	3.78
WK	21/6	21/2	22/1	22/1

Sonic Gestational Age: 21 W 6 D

Sonic EDD: 22.12.2023

Sonic Fetal weight: 481gms.

Overall fetal profile is satisfactory.

Placenta – anterior.

No focal lesion or previa.

Liquor is adequate for gestational age.

Cervical length is 3.1 cm & internal OS is normal appearing.

OPINION: USG OBSTETRIC ANOMALY SCAN reveals -

- Single live intrauterine fetus of sonic GA- 21 weeks 6 days near corresponding with menstrual age.
- Single echogenic cardiac focus in LV, as a isolated finding carries least importance though one of minor chromosomal anomaly marker

Advice : fetal echo study

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V. CHAUDHARI DIAGNOSTIC CENTER

ULTRASONOGRAPHY & COLOUR DOPPLER CENTER

Dr. Snehal Patil Chaudhari

MBBS DMRE
Consultant Radiologist
Reg No.: 2017083972

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Name of patient : MRS. Isara Mohamadkuldass Khatoon

System wise Anomaly Scan Assessment - (TIFFA-Targeted Imaging for Fetal Anomaly)

I. Head:-

1. Transthalamic Plane - Falx, Cavum Septum Pellucidum, Fused Thalami appear normal.
2. Ventricular Plane - Lat Ventricles, Choroid Plexus appears normal.
Diameter of LV at Atrium- Normal.
3. Transcerebellar Plane - Bilateral Cerebellum, Vermis and Cisterna Magna normal.

II .Spine:-

No obvious lesion in axial, coronal and sag plane.
Sacral tapering and cervical broadening- seen
Parallel spinal lining - noted.

III. Extremity: -

Lower - upper - proximal, mid and distal segment appears normal.
No obvious demonstrable abnormality.
Foot -Leg relation- normal.

IV- Abdomen :-

Upper- Gastric bubble, PV, Liver - seen normal.
Mid- RK, LK seen normal. No e/o Pelvicalyectosis.
Lower Abdomen - U. Bladder -seen normal.
Two umbilical arteries seen.
Anterior wall- No defect or herniation.

V. Fetal Face-

Multi-plane scanning done with no abnormality for this position
Nasal bones- normal.

VI. Fetal Neck-

No obvious mass or Cyst.
Nuchal Fold- normal.

VII. Fetal Chest: -

Bilateral Lungs seen.
No lesion or Cyst.
No e/o pleural effusion or ascites.


VIII. Heart-

4C heart- normal chamber symmetry.
RVOT- seen normal.
LVOT- seen normal.
3 vessel view- normal number, size and relation.
Single echogenic cardiac focus seen in LV

IX. Any chromosomal anomaly Markers: - No obvious.

X. Diaphragms -

No defect.
Normal movement. No paradoxical movement.


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