

# VINAYAK

## SONOGRAPHY CENTER

### REPORT

PATIENT: MRS. SEEMA

AGE: 25 Y/F

REF DOCTOR: DR. RASHI MODI

DATE: 01-04-2024

### ULTRASOUND TARGET SCAN

Last Menstrual Period 13-11-2023

Gestational Age by LMP 20 Weeks 0 Days

Scan shows single fetus with **VARIABLE** presentation at the time of examination.

Fetal cardiac activity and fetal movements are seen with **FHR 162 BPM.**

Placenta is **POSTERIORLY** located and is in upper segment. Retro placental area is clear.

Placental maturity is grade 'T'.

Umbilical cord shows three vessels and shows normal origin and insertion.

Amniotic fluid is adequate and uniformly distributed (AFI ~ 12.6).

### FETAL ANATOMY

#### Head

Midline falx seen

Cavum septum pellucidum appear normal.

Both thalami, third ventricle appear normal.

Both lateral ventricles and choroid plexus appear normal.

Posterior fossa appears normal.

No identifiable intracranial lesion seen.

#### Spine

Entire spine visualized in sagittal and axial planes.

No significant abnormality seen.

Overlying skin is intact.

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#### Face

Fetal face seen in the coronal and profile views.

Both orbits, nose, maxilla, mandible, hard plate, lips appear normal.

#### Thorax

Both lungs and diaphragms appear normal.

No e/o pleural or pericardial effusion.

No e/o SOL in the thorax.

#### Heart

Heart appears in the mid position.

Normal cardiac situs. Four chamber view is normal.

**An echogenic intracardiac focus seen in left ventricle.**

LVOT and RVOT appeared normal.

The 3-vessel trachea view appears normal.

#### Abdomen

Abdominal situs appears normal.

Stomach, intraabdominal umbilical vein and gall bladder appear normal.

Normal bowel pattern appropriate for the gestation seen.

No e/o ascites. Abdominal wall intact.

#### KUB

Bilateral kidney appeared normal.

Bladder appeared normal.

#### Extremities

Bones of both arms, forearm, thigh, legs appear normal

Both hands and feet appear normal.

Finger counting is attempted.

Bilateral uterine arteries show normal spectral waveform, normal PI, RI and diastolic flow. No diastolic notch.

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Right uterine artery PI -0.94, RI -0.56, S/D -2.29

Left uterine artery PI -0.96, RI -0.58, S/D -2.35

Parameters				
BOD	31	mm		
Interorbital (IOD)	11	mm		
Lateral Ventricle	8.2	mm		
Trans Cerebellar diameter	19	mm		
Cisterna Magna (CM)	3.3	mm		
Nuchal fold Thickness	5.6	mm		
Parameters		Measurement	Gestational Age	
		Units	Weeks	Days
BPD	46	mm	20	1
Head Circumference	166	mm	19	2
AC	136	mm	19	1
Femur length	31	mm	19	6
Humeral length	30	mm	20	2

Cervical length is normal measuring 4.3 cm. The internal os is closed.

Estimated Fetal weight is: 297gm +/-43gm.

EDD by CGA is: 20-08-2024

**IMPRESSION: SINGLE LIVE INTRAUTERINE FETUS OF MGA 19 WEEKS 6 DAYS +/- 1 WEEK MATURITY WITH AN ECHOPHOREIC INTRACARDIAC FOCUS IN LEFT VENTRICLE.**

**NO GROSS CONGENITAL ANOMALY DETECTED**

*Kindly correlate clinically*

No obvious congenital anomaly seen. Not all congenital anomalies are possible to rule out due to various fetal presentation, movements etc. Detailed genetic screening, biochemical studies, fetal echocardiography and 4D sonography are indicated in case of high clinical suspicion.

I, Dr. VIGNESH (name of person conducting the ultrasonography/image scanning) declare that while conducting ultrasonography/ image scanning on Mrs. SEEMA, I have neither detected nor disclosed the sex of her fetus to anybody in any manner.

**DR. VIGNESH**

**MBBS, MD, DNB (RADIODIAGNOSIS)**

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