

Visit No	:012410110021	UID	:2727795
Reg. Date	:11/Oct/2024 09:34AM	Report Date	:11/Oct/2024 02:31PM
Patient Name	: PRATIBHA (30.3 YRS/Female)		
Referred By	:Dr. KIRAN YADAV		

## **ULTRASOUND PREGNANCY(DETAILED ANOMALY SCAN)**

**LMP – 28/05/2024 (19 weeks 3 days) (EDD: 04/03/2025).**

A single live intrauterine fetus is seen in changing lie. Cardiac activity is seen on present scan (155 bpm). It is regular in rate and rhythm. Fetal movements visualized.

Grade- I placenta is seen posteriorly, its lower margin 1.6 cm. away from the internal os

The fetal biometry is as follows:

BPD= 4.3 cm, Corresponds to 19 weeks 2 days.

HC = 16.6 cm, Corresponds to 19 weeks 3 days.

AC = 13.7 cm, Corresponds to 19 weeks 2 days.

FL = 3.2 cm, Corresponds to 20 weeks 2 days.

HL = 3.0 cm, Corresponds to 20 weeks 1 days.

The ultrasonic average maturity of the fetus is 19 weeks 4 days (EDD: 03/03/2025).

The estimated fetal weight is: 301 gms ± 44 gm

Liquor is adequate in amount.

The umbilical cord shows normal three vessels.

The cervical length is normal (3.6 cm), internal os is closed.

### **CNS :**

- The bony skull vault and fetal brain appears normal.
- Midline falx seen.
- No dilatation of ventricles seen. The lateral ventricle measures 0.61 cm
- The posterior cranial fossa and cerebellum appears normal. Transcerebellar diameter measures 1.9 cm corresponding to 20 weeks 0 days. Cisterna magna appears normal and measures 0.36 cm. Nuchal fold measures 3.7 mm.
- The face appears normal. Nasal bone measures 5.8 mm.
- Binocular distance is 2.9 cm, corresponds to 19 weeks 0 days. Interocular distance is 1.0 cm.
- The spine is traceable, no obvious anomaly seen.

### **CVS:**

- The four chambers of the heart well visualized with normal size atria and ventricle.
- Bright echogenic cardiac focus is seen in the left ventricle – to follow-up.
- Atrioventricular concordance noted.

Visit No	:012410110021	UID	:2727795
Reg. Date	:11/Oct/2024 09:34AM	Report Date	:11/Oct/2024 02:31PM
Patient Name	: PRATIBHA (30.3 YRS/Female)		
Referred By	:Dr. KIRAN YADAV		

- There is no obvious defect seen in the interventricular septum.
- The aorta is seen arising from left ventricle and pulmonary artery from right ventricle.
- The aortic arch and ductal arch are well visualized and appears normal.

#### ABDOMEN:

- Abdominal situs normal. Fetal stomach noted on left and appears normal.
- Both fetal kidneys are normal in size & echotexture. No evidence of hydronephrosis.
- Urinary bladder is well seen and appears normal.
- The anterior abdominal wall does not show any herniation. The diaphragm is traced and appears normal.

#### SKELETAL SYSTEM

- All 12 bones visualized and appear normal.

No evidence of any gross fetal congenital anomaly is noted on present scan

Doppler parameters are as follows:

	RI	PI	S/D RATIO
Umbilical artery	0.83	1.43	5.9, Satisfactory diastolic flow
Right uterine artery	0.63	1.22	2.7, Early diastolic notch not visualized.
Left uterine artery	0.59	1.06	2.4, Early diastolic notch not visualized.

Mean PI of uterine artery = 1.1

#### IMPRESSION:

- **Single live intrauterine fetus with maturity of 19 weeks 4 days gestation.**
- **Bright echogenic cardiac focus is seen. Fetal echocardiography is recommended for complete cardiac evaluation.**

Note:- Please correlate the measurements on the typed report with the images provided and in case of any discrepancy / doubt, please contact us immediately. This is only a professional opinion and should be correlated clinically. Not for medico-legal purpose.

**Declaration of the doctor/person conducting Ultrasound / Image scanning. I, Dr. Kanupriya (Name of the doctor conducting ultrasound) declare that while conducting ultrasound / image scanning on Mrs. PRATIBHA (Name of pregnant woman), I have neither detected nor disclosed the sex of the fetus in any manner.**

**Dr. Kanupriya, DNB MNAMS  
Sr. Consultant Radiologist**

Visit No	:012410110021	UID	:2727795
Reg. Date	:11/Oct/2024 09:34AM	Report Date	:11/Oct/2024 02:31PM
Patient Name	: PRATIBHA (30.3 YRS/Female)		
Referred By	:Dr. KIRAN YADAV		

### HMC No. 3979

Please Note:

- Antenatal USG is a screening test for structural abnormalities. It does not confirm or exclude chromosomal, functional or other non-structural abnormalities in the fetus. Overall detection rate of major congenital abnormalities is about 70%. All the fetal congenital anomalies cannot be detected on antenatal ultrasound studies due to limitations of the modality and continuously changing fetal position. Some congenital abnormalities become obvious only in 3rd trimester, hence not detectable at an early stage.
- 'Normal' means structurally normal for the gestation within reasonable expectations for available technology and patient's body habitus.
- Fetal gender would neither be detected nor disclosed as per PC PNDT Act.
- Fetal echocardiography is not included in this study.  
(Subset of congenital anomalies and Down's Syndrome cannot be identified on antenatal on ultrasound)

\*\*\* End Of Report \*\*\*