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## ULTRASONOGRAPHY OF GRAVID UTERUS (ANOMALY SCAN)

This examination shows a single live fetus in variable lie and position at present. Fetal cardiac activity and movements are present. Fetal heart rate is : 140 /bpm.

A detailed examination of the foetus was done to look for congenital anomalies. Anomaly detection is dependent upon many factors such as gestational age at scanning, fetal orientation, amount of surrounding fluid, maternal obesity and subtlety of abnormality.

### **HEAD:**

Midline falx seen. Cavum septum pellucidum seen. Both lateral ventricles appeared normal. No e/o hydrocephalus. Posterior fossa structures-The cerebellum( 19mm) and cisterna magna(4mm) are normal. No intracranial lesion is identified. The Nuchal fold thickness measures less than 3mm. Calvarium is formed.

### **NECK AND FACE:**

No cystic lesion seen around the neck. Foetal face seen in the coronal and profile views. Both Orbits, nose and mouth appeared normal. No evidence of any facial cleft.

### **HEART :**

Normal cardiac situs, axis and position. Heart occupies a third of thoracic area. The four-chamber view normal. Atria and ventricles are approximately equal in size. Both atrio-ventricular valves open and move freely. Ventricular septum intact(apex to crux). Both ventricular outflow tract grossly normal. Normal ductal and aortic arch.

### **THORAX:**

Both lungs seen. No evidence of pleural or pericardial effusion. No evidence of SOL in the thorax.

### **ABDOMEN:**

Abdominal situs appeared normal. Stomach bubble seen. Normal bowel pattern appropriate for the gestational age. No e/o bowel dilatation seen. Abdominal wall intact. No e/o diaphragmatic hernia/omphalocele. No evidence of ascites.

### **KUB:**

Both kidneys are normal. No e/o Pyelectasis or Hydronephrosis seen. Urinary bladder is seen.

P.T.O

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RADIOLOGY CENTRE

**PERINEAL X-RAY • 3D & 4D COLOUR DOPPLER SONOGRAPHY • FETAL ECHO • MAMMOGRAPHY • OPG**

Entire spine visualized in longitudinal and transverse axis.  
Vertebrae and spinal canal appeared normal. No evidence of neural tube defect.  
Small spinal defect are not detected on ultrasound.

### LIMBS:

All foetal long bones visualized and appear normal for the period of gestation.  
Both hands and feet appeared grossly normal. No e/o overlapping of fingers/club foot.

3 vessel cord is seen with two umbilical artery and one vein.

Foetal parameters are as follows :

B.P.D.	41 mm 18 weeks 4 days
HEAD CIRCUMFERENCE	160 mm 19 weeks 0 days
ABD CIRCUMFERENCE	136 mm 19 weeks 1 days
FEMORAL LENGTH	28 mm 18 weeks 5 days
TIBIAL LENGTH	23 mm 18 weeks 4 days
HUMERAL LENGTH	27 mm 19 weeks 3 days
RADIAL LENGTH	23 mm 18 weeks 0 days
FETAL WEIGHT	263 Grams
GESTATIONAL AGE	18 weeks 6 days.

Expected date of delivery (E.D.D) according to this ultrasound examination is 12/01/2023.

The amount of liquor is normal for the period of gestation.

The placenta is anterior in position and of grade I maturity.

There is no evidence of placenta praevia.

The cervical length is 4.1 cm. The internal os is closed.

Average uterine artery PI is 0.7 (2 Percentile).


### IMPRESSION:

A single live intrauterine pregnancy of 18 weeks 6 days.

There is no evidence of any obvious anatomical abnormality detected in visualized parts of the fetus in this examination.

I have neither detected nor disclosed the sex of her foetus to anybody in any manner.

All foetal congenital anomalies are not detected.

  
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