|  |  |  |  |
| --- | --- | --- | --- |
| **Name**  | **Mrs** | **Age /Sex** | **Y/ Female**  |
| **Referred By** | **Dr.**  | **Visiting Date** |  |

**OB- TIFFA - Targeted Imaging for Fetal Anomalies**

Real time B-mode ultrasonography of gravid uterus done.

**Route:** Trans abdominal

**Maternal survey:**

Cervix: cm in length, internal os is closed. No funneling is seen.

Maternal uterine artery PI:, Screen negative for PE.

**Fetal survey:**

No of fetuses: One Liquor: Adequate

Presentation: Variable Fetal activity: Good.

Placenta: Posterior, Grade I Cardiac activity: Regular

Umbilical cord: Insertion - Central Fetal heart rate : bpm

Two arteries and one vein.

**Fetal biometry:**

BPD: mm (W D) FL: mm (W D)

HC: mm (W D) TCD: mm

AC: mm (W D) Foot length: mm

**ESTIMATED FETAL WEIGHT** (BPD, HC, AC, FL- Hadlock**+/- gms)**

**Fetal survey**

**Head and brain:**

Midline falx

Ventricles : Right –mm Left- mm

Cavum Septum pellucidum: Present . Cisterna magnum: mm

\**Face:**

Fetal face is seen in coronal and profile views.

Orbits: Lens -visualized.

Ears: Right-mm Left- mm

Hard palate, Nose, lips –normal

**Spine:** Entire spine visualized in axial, longitudinal and transverse axis. Vertebrae and spinal canal appears normal.

**Thorax:** Both lungs seen and demonstrate normal echogenicity. No evidence of pleural and pericardial effusion.

**Heart:** Normal cardiac situs and axis. Four chamber view normal. Outflow tracts are normal. Three vessel tracheal view normal.

**Abdomen:** Abdomen situs appears normal. Stomach and bowels are normal. Normal bowel pattern appropriate for gestation.

**KUB:**

Right kidney-Normal Left kidney-Normal

Right adrenal –seen Left adrenal-seen

Ureter-Not distended. Bladder- Normal

**Extremities:**

Bilateral Humerus, Radius, Ulna ,Tibia, Fibula, Foot: Seen, shows normal measurements for gestational age. All fetal bones are visualized and appear normal for the gestational age.

**IMPRESSION:**

 **SINGLE LIVE INTRAUTERINE GESTATION.**

 **ESTIMATED GESTATIONAL AGE BY FETAL BIOMETRY: WEEKS DAYS**

 **NO EVIDENT STRUCTURAL CONGENITAL ABNORMALITIES DETECTED FOR THIS GESTATION.**

 **PLACENTA: POSTERIOR GRADE I MATURITY ,**

 **CERVICAL LENGTH: CM : NORMAL**

* **UTERINE ARTERY DOPPLER: SCREEN NEGATIVE FOR PREECLAMPSIA.**
* **CORRECTED EDD: EDD BY LMP:**

**Aneupoidy Markers:**

**Nasal bone: mm**

**Nuchal fold thickness: mm**

**Hyperechoic bowel loops:**

**Short long bones:**

**Echogenic intracardiac focus:**

**Pyectasia:**

**Estimated second trimester risk for down’s syndrome:**

**1:**

**Please note:**

All abnormalities and genetic syndromes cannot be ruled out by ultrasound examination. Ultrasound examination has its own limitations. Some abnormalities evolve as the gestation advances. The detection rate of abnormality depends on gestational age of fetus, fetal position, tissue penetration of sound waves and patient body habitus.

**Declaration:**

I Dr Roopadevi Hosamani, declare that while conducting ultrasonography on this patient, I have neither detected nor disclosed the sex of the fetus to anybody in any manner.

 **Dr.**

**MBBS.DMRD.DNB**

**Consultant Radiologist**