|  |  |  |  |
| --- | --- | --- | --- |
| **Name**  | **Mrs.**  | **Age /Sex** | **Y/ Female**  |
| **Referred By** | **Dr.**  | **Visiting Date** | **1** |

**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.

**a**

**EDD by LMP: EDD by USG:**

**Fetal survey:**

No of fetuses: two Liquor: Adequate

Presentation: Variable Fetal activity: Good.

Placenta: **TWIN A: ( Towards right side of the maternal abdomen):** Posterior, Grade I

 **TWIN B:(Towards left side of the maternal abdomen):** Anterior, Grade I

Cardiac activity: Regular

Umbilical cord: Insertion - Central Two arteries and one vein.

Fetal heart rate : **TWIN A:** bpm

 **TWIN B:**  bpm

**Fetal biometry: TWIN A TWIN B:**

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

HC: mm (W D) HC: mm (W D)

AC: mm (W D) AC: mm (W D)

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

TCD: mm TCD: mm

Foot length: mm Foot length: mm

**ESTIMATED FETAL WEIGHT** (BPD, HC, AC, FL- Hadlock **TWIN A:**  **+/- gms**

 **TWIN B: +/- gms**

**Aneupoidy Markers: TWIN A: TWIN B:**

Nasal bone: mm Nasal bone: mm

Nuchal fold thickness: mm Nuchal fold thickness: mm

Prenasal thickness: mm Prenasal thickness: mm

**Fetal survey**

**Head and brain: TWIN A:**

Midline falx

Ventricles : Right – mm Left- mm

Cavum Septum pellucidum: Present . Cisterna magnum: mm

**Head and brain: TWIN B:**

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.

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:**

 **DICHORIONIC AND DIAMNIOTIC LIVE INTRAUTERINE GESTATION.**

 **ESTIMATED GESTATIONAL AGE BY FETAL BIOMETRY: TWIN A:**

 **WEEKS DAYS. TWIN B: WEEKS DAYS**

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

 **PLACENTA: TWIN A: POSTERIOR, GRADE I**

 **TWIN B: ANTERIOR, GRADE I**

 **CERVICAL LENGTH: CM : NORMAL**

 **UTERINE ARTERY DOPPLER: SCREEN NEGATIVE FOR PREECLAMPSIA**

**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, 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**