|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Patient Name** | **:** | **SAVITA MANE** | **Age/Sex** | **:** | **22 Yrs/F** |
| **Ref. By** | **:** | **Dr. MANE AMIT** | **Date** | **:** | **23-Mar-2019** |

**OBSTETRIC USG COLOUR DOPPLER**

**LMP17/04/2017 GA BY LMP : 35 WEEKS 2 DAY EDD BY LMP: 22/01/2018**

**Fetus A GA BY USG: 31 WEEKS 4 DAY EDD BY USG: 17/02/2018**

**Fetus B GA BY USG: 31 WEEKS 3 DAY EDD BY USG: 18/02/2018**

* There is evidence of twin live intrauterine pregnancy.
* A thin membrane is seen separating two feti with single placenta noted Fundo- anteriorly.
* **(Monochorionic diamniotic twins )**
* Internal os is closed. Amniotic fluid adequate. **AFI-13.3.**

|  |  |
| --- | --- |
| **FETUS (A)** | **FETUS (B)** |
| **Is seen to the left of maternal spine - OBLIQUE LIE, CEPHALIC presentation** | **Is seen to the right of maternal spine - OBLIQUE LIE, CEPHALIC presentation** |
| Placenta is **FUNDO-ANTERIOR**, Grade III maturity, not low lying | Placenta **FUNDO-ANTERIOR**, Grade III maturity, not low lying. |
| Fetal cardiac activity is noted.  **FHR-150 b/min** Four chamber heart & Fetal cardiac | Fetal cardiac activity is noted.  **FHR-141 b/min** |

**FETAL GESTATIONAL PARAMETERS ARE -**

|  |  |
| --- | --- |
| **FETUS (A)** | **FETUS (B)** |
| BPD = 7.49 cms. (30 weeks 1 days) | BPD = 8.11 cms.(32 weeks 4 days) |
| HC = 29.00 cms (32 weeks 0 days) | HC = 28.61 cms(31 weeks 3 days) |
| AC = 26.80 cms (30 weeks 6 days) | AC = 26.87 cms (31 weeks 0 days) |
| FL = 6.52 cms (33 weeks 4 days) | FL = 5.90 cms (30 weeks 6 days) |
| **Average gestational age- 31 weeks 4day** | **Average gestational age-31 weeks 3 day** |
| Effective fetal weight= 1837 + 268 gms. | Effective fetal weight=1697 + 248 gms. |

**(Fetus A) Doppler parameters are:-**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **PI** | **RI** | **S/D** |
| **Umbilical Artery** | **0.97** | **0.63** | **2.69** |
| **MCA** | **1.59** | **0.76** | **4.20** |

**(Fetus B.) Doppler parameters are:-**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **PI** | **RI** | **S/D** |
| **Umbilical Artery** | **1.01** | **0.67** | **3.07** |
| **MCA** | **1.36** | **0.73** | **3.74** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Right Uterine A** | **0.54** | **0.40** | **1.67** |
| **Left Uterine A** | **0.87** | **0.58** | **2.36** |

* **Umbilical Arteries and MCA of both feti show normal flow pattern & Doppler parameters.**
* **Bilateral uterine arteries appear normal. No notch is seen.**

**IMPRESSION**

* **Monochorionic diamniotic live intrauterine twin gestation of average gestational age of - Fetus A - 31 weeks 4 days And Fetus B- 31 weeks 3 days.**
* **Doppler parameters within normal limits.**
* **No e/o uteroplacental or fetoplacental insufficiency**

**Suggest follow up and correlate clinically**.

***(Report sent with due compliments to Dr)***

|  |  |
| --- | --- |
| **DECLARATION OF PREGNANT WOMAN:-**  I, (**MRS**. **PRITI NIKAM**) declare that by undergoing ultrasonography / image scanning etc. I do not want to know the sex of my fetus.  Signature of pregnant woman | |
| **Depending on the period of the gestation, fetal position, amount of liquor and maternal abdominal wall thickness, all fetal anomalies may not be seen on USG. During the study I have neither declared not disclosed the sex of her fetus to anybody in any manner** | **DR. SEEMAB BANADAR**  **MD. (RADIODIAGNOSIS)**  **(CONSULTANT RADIOLOGIST** |