



# ISHA SONOGRAPHY CENTRE

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DR. A.K. SAH

M.B.B.S., DMRD  
CONSULTANT - RADIOLOGY

Mrs. SUSHMITA SAHU W/O MR. ASHWANI SAHU  
Ref. Dr.- M. GULATI, MBBS DNB

Date-30.10.2023

Age- 25 Yrs/Sex- F

Address- URLA

## OBSTETRICS (ANOMALY SCAN) - SONOGRAPHY

- ⑩ Single Live intrauterine fetus.
- ⑩ Longitudinal lie.
- ⑩ Cephalic Presentation.
- ⑩ Fetal Spine On Right Lateral To Mother.
- ⑩ Placenta anterior fundal Grade 1.
- ⑩ Placenta calcification Not Seen .
- ⑩ Liquor amni is Adequate.
- ⑩ Fetal movement Normal.
- ⑩ Fetal cardiac activity seen.
- ⑩ Internal OS closed.

### MEASUREMENT:-

|                             |           |                 |
|-----------------------------|-----------|-----------------|
| LMP- 22.06.2023             | GA-18w4d  | EDD-28.03.2024  |
| FHR- 135 B/M                | Regular   |                 |
| BPD- 4.18 cm                | GA-18w4d  | EDD- 28.03.2024 |
| FL- 2.70 cm                 | GA-18w2d  | EDD- 30.03.2024 |
| FAC- 12.50 cm               | GA-18w1d  | EDD- 31.03.2024 |
| HC- 15.26 cm                | GA-18w2d  | EDD- 30.03.2024 |
| Humerus-2.62cm              | GA-18w2d  | EDD-30.03.2024  |
| Tibia - 2.29cm              | GA-18w1d  | EDD-31.03.2024  |
| Fibula - 2.38 cm            | GA-18w2d  | EDD-30.03.2024  |
| Radius - 2.15cm             | GA- 18w2d | EDD-30.03.2024  |
| Ulna - 2.23cm               | GA- 18w0d | EDD-01.04.2024  |
| Fetal Weight- 230 ± 35 Gram |           |                 |

### HEAD:

Midline falx, thalami and cavum septum pellucidum seen.  
 Right lateral ventricle normal & left lateral ventricle Show Choroid Plexus  
 cyst-6.1×4.8mm, 5.7×4.9mm seen .  
 Cerebellum appears normal.  
 Cisterna magna and choroid plexus seen.

### SPINE:

Entire spine visualised in longitudinal and transverse axis.  
 Vertebral and spinal canal appeared normal.

### FACE:

Fetal face seen in the coronal and profile views.  
 Both orbits, nose and mouth appeared normal.

P.T.O.-2

## THORAX:

Heart appears in the mid position.  
Normal cardiac situs. Four chamber view normal, 3 Vessels cord seen.  
Both lungs seen.  
No evidence of pleural or pericardial effusion.

## ABDOMEN:

Abdominal situs appeared normal.  
Stomach and bowel appeared normal.  
Normal bowel pattern appropriate for the gestation seen.  
No evidence of ascites.  
Abdominal wall intact.

## KUB:

Both Kidney Shows Normal

## LIMBS:

All fetal long bones visualized and appear normal  
For the period of gestation  
Both feet appeared normal.

## DOPPLER STUDY:

|                       |                  |                |         |         |          |
|-----------------------|------------------|----------------|---------|---------|----------|
| RIGHT UTERINE ARTERY- | PS- 61.91 cm/s   | ED- 34.93 cm/s | RI-0.44 | PI-0.64 | S/D-1.77 |
| LEFT UTERINE ARTERY-  | PS- 74.57 cm/s   | ED- 10.53 cm/s | RI-0.86 | PI-2.36 | S/D-7.08 |
| UMBEL ARTERY          | - PS- 20.78 cm/s | ED- 6.78 cm/s  | RI-0.67 | PI-1.22 | S/D-3.06 |
| MCA                   | - PS- 18.70 cm/s | ED- 4.35 cm/s  | RI-0.77 | PI-1.58 | S/D-4.30 |

•Colour Doppler Study Of Mca, Right Uterine Artery & Umbel Artery Reveals Normal Indices,  
•MARKED INCREASED RESISTANCE FLOW SEEN IN LEFT UTERINE ARTERY

•Not all congenital Anomaly can be detected on ultrasonography due to positional maturity and development variation and certain limitation,  
• foetal echo not included in this scan adv- foetal echo for detailed study & follow up & biochemical evaluation/triple/quadruple marker test.

**NOTE-** (1) CHOROIDAL PLEXUS CYST FOUND IN ABOUT 1-2 % OF PREGNANCIES, CYSTS ARE NOT CONSIDERED TO BE ABNORMAL, MOST OF CHOROIDAL PLEXUS CYST CLEAR UP WITHOUT REQUIRING FURTHER MEDICATION. 1 IN 3000 PREGNANCY THERE IS P/O HAVING TRISOMY 18, BECAUSE ONE THIRD OF BABY BORN WITH TRISOMY 18 HAVE A DETECTABLE CHOROID PLEXUS CYST (SOFT MARKER) ADV- SERUM A.F.P TEST.  
(2) HIGH RESISTANCE FLOW IN BOTH UTERINE ARTERY - FOETUS IS AT RISK OF PRE ECLAMPSIA & IUGR.

**OPINION:** Findings are suggestive of single Live Intra uterine fetus.  
Gestational age- 18 weeks 1 day U/s EDD-31.03.2023  $\pm$  7 Days

•MARKED INCREASED RESISTANCE FLOW SEEN IN LEFT UTERINE ARTERY.  
•SMALL CYSTS SEEN IN CHOROIDAL PLEXUS OF LEFT LATERAL VENTRICLE  
- CHOROIDAL CYSTS.

**Declaration:** Dr.A.K.sahu declare that while conducting ultrasonography/image, scanning on Mrs. Rushmita I Have neither detected nor disclosed the sex of her foetus to any body in any manner

  
**DR.A.K. SAHU**

Name - Sushmita Atal

Age - 25y

LMP - 22-06-2023

Weight - 50 kg

Height - 5 feet 3 inch