

OBSTETRIC ULTRASONOGRAPHY

Name: Mrs. Sumati Nayak

23Yr/F

Date: 27/06/2022

Ref by: Dr Swati Chalkhor MBBS, DGO

LMP: 16/02/2022

EDD (BY LMP): 23/11/2022

GA (BY LMP): 18wks 05days

GA (BY USG): 19wks 00days

EFW: 274gms +/- 41gms (68 Percentile).

Single live intrauterine fetus in **changing lie** seen at the time of examination.

Fetal movements & cardiac pulsations are well appreciated.

Fetal heart rate is ~ 145 beats / min.

Placenta is **anterior** in location, upper and mid segment, grade 0, no retroplacental clot or placental infarcts seen. Placental thickness appears normal.

Liquor is **adequate** for gestational age. Single largest pocket is ~ 3.8cm in depth.

Fetal morphological parameters are as follow:-

BPD: - 4.26cm = 18wks 06days ~ 59 Percentile

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DOB - 25/07/1999

HC: - 15.92cm = 18wks 05days ~ 45 Percentile

Weight - 62 kg

AC: - 13.74cm = 19wks 01days ~ 62 Percentile

Height - 5'3

FL: - 2.94cm = 19wks 00days ~ 57 Percentile

The average sonic maturity of fetus corresponds with 19wks 00days.

Approximate fetal weight is 274gms +/- 41gms.

P.T.O

Fetal Anatomy survey:

Head : The fetal head is normal. The ventricular system is normal (~6.4 mm at the level of atrium). Cisterna magna is normal (~3.3mm in AP plane). Falx, CSP, thalamus, brainstem & cerebellum seen.

Spine: Spine seen in axial, sagittal and coronal planes. Skin overlying the spine seen and appears normal.

Face & Neck: Profile view of fetal face, both orbits with lens, maxilla, lips and nose seen. No obvious mass or blind pouch seen in fetal neck. Uvula seen.

Thorax & Heart : The fetal heart is 4 chambered and the chamber dimensions appear normal at present. The inter ventricular septum appears intact. 3VV, 3VT, LVOT & RVOT appear normal. Suggested dedicated Fetal Echocardiography. Diaphragm appears normal. Both lungs appear normal sonographically at present.

Abdomen: The fundic bubble is visualized. The bowel loops are not dilated. The fetal kidneys and bladder appear normal. The umbilical cord shows 3 vessels and a normal insertion. Anterior abdominal wall is normal. Perianal muscle complex seen.

Limbs: The fetal limbs appear normal with normal tone.

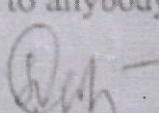
Cervical length is 3.5 cm and the internal os closed during the examination.

Impression:

- ❖ Single live intrauterine fetus in changing lie at the time of examination. The average sonic maturity corresponds with 19 weeks 00 days.

Suggested follow up USG after 1 month for evolving anomalies.

I, **Dr. Sandeep A. Dhole**, declare that while conducting ultrasonography on **Mrs Sumati Nayak** I have neither detected nor disclosed the sex of her fetus to anybody in any manner.


Dr. Sandeep Dhole
 DMRD, DNB
 (Consultant Radiologist)

Note: Patient's identity as repeated by him/her/accompanying person.
 All congenital anomalies cannot be diagnosed by ultrasonography (USG) as assessment of fetal anomalies depends upon patients (maternal) build & abdominal wall thickness, fetal presentation, fetal position & limb movement, limb-palm-face altitude, lie, volume, gestational age, organogenesis at the time of USG.