

Dr. Vinod V. Sonkul  
Director & Consultant Radiologist :  
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**Sonkul Diagnostic Centre**  
**3D/4D SONOGRAPHY**



Sonography, Colour Doppler, Digital X-Ray Clinic Sakardara, Nagpur.

Patients Name : Mrs. Aafrin Sheikh  
Age : 29/y, female  
Referred by : Dr. A. Wanjari Madam  
Examination : USG - ANC ( Anomaly scan)  
Date : 11/10/2023  
LMP : 28/05/2023 corresponding to 19 wk 3 days.

**OBSERVATION :**

➤ Single live intra-uterine pregnancy with variable position.

➤ Fetal body movements & cardiac activity appears normal.

➤ BPD 48 mm - 20 weeks - 4 days

HC 178 mm - 20 weeks - 2 days

FL 32 mm - 20 weeks - 0 days

AC 148 mm - 20 weeks - 1 days

CGA 20 weeks 2 days

➤ Placenta is anterior grade I with its lower end 6.9 cm distal to OS.

➤ Liquor is adequate for the period of gestational age.

➤ Heart appears 4 chambered. Foramen oval is patent with flap opening into left atrium. Both ventricles appears normal, shows usual thickness of the myocardium. Interventricular septum appears normal. RVOT and LVOT appears normal with usual relationship. Arch of aorta is normal with usual branching pattern. No pericardial effusion.

Head circumference normal. Ventricular system appears normal in dimension. No hydrocephalus. Choroid plexus are normally placed and show usual echogenicity. Posterior fossa, craniovertebral junction and spine appear normal.

Both kidneys are corresponding in length with fetal age. No pelvicaliectasis. Urinary bladder is well distended.

Facial morphology appears normal. Orbital globes appears normal. Nasal bone is seen.

Stomach bubble is in its usual position. Bowel loops show usual echogenicity. Fetal limbs appear normal.

Internal os closed. Cervix appears normal (5.1 cm).

Fetal heart rate - 162 BPM. Fetal weight is 333 gms  $\pm$  49 gms.

EDD by CGA : 03/03/2024

PTO-----

**Dr. Vinod V. Sonkul**

M.B.B.S., D.M.R.D. (Mumbai)

BCFRG (Basic Course in Fetal Radiology & Genetics)

ACFI (Advance Course in FETAL Intervention)

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Uterine arteries appears normal and shows normal flow velocities bilaterally (Mean P I -0.6 ).

**IMPRESSION :**

- A single live intrauterine fetus of sonic gestational age of 20 weeks 2 days.
- No obvious congenital anomalies seen at present.
- Normal uterine artery Doppler at present.

Dedicated Fetal Echo study is suggested at 24 weeks.

**Declaration:** I undersigned declared that while conducting this Ultrasonography study on the patient I have not disclosed the sex of fetus to any one in any manner.

**Note:** All congenital malformations cannot be rule out at this gestational age. Detection of congenital malformation depends on the position of fetus at the time of evaluation.

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