

Name	NIKITA	Age	29y - F
Date	05/04/2025	Patient Id	050425-104619AM
Referring Doctor	DR. MADHULIKA	Center	Medicript Noida

TARGETED IMAGING FOR FETAL ANOMALY (LEVEL II)

LMP: 12.11.2025. Gestational age by LMP 20 weeks 04 days.

Single live intrauterine foetus in variable presentation is seen at the time of examination.

Parameters	Size (mm)	Weeks	Days
BPD	48.0	20	04
TCD	19.2	19	05
HC	176.6	20	01
OOD	35.4	21	00
AC	154.2	20	04
ULNA	27.4	20	00
TIBIA	27.7	20	00
FIBULA	27.3	20	01
RADIUS	27.6	20	02
FEMUR	31.8	19	06
HUMERUS	32.5	20	06
CM	4.3	-	-
VP	5.2	-	-
NFT	3.1	-	-

Fetal weight: 343 grams (+/-51).

Heart rate: 152 beats per minute. Normal and regular.

Placenta Posterior (Grade I maturity). Upper uterine segment.

Amniotic fluid: is adequate

MATERNAL : Uterus is grossly normal. Cervix is normal in length (3.6 cm). Internal os is closed.

FETAL MORPHOLOGY

Head: Midline falx is seen. Fetal head shows normal cerebral ventricles. No evidence of hydrocephalus is noted. Cavum septum pellucidum and thalami normal. Posterior fossa shows normal bilateral cerebellar hemisphere.

Face: Fetal face shows normal bilateral orbit with normal nose and lips, mandibular echo is seen normally.

Neck: Fetal neck does not show any obvious mass lesion.

Spine: Fetal spine appears normal in configuration. Cross sectional imaging shows normal trilaminar pattern. No evidence of mass / spina bifida is seen.

Thorax and Heart: Fetal chest shows normal heart lung ratio. Fetal heart shows normal position and ratio. 4 chamber fetal heart appears normal ventriculo-arterial connections. No mass lesion is seen in chest. Bilateral diaphragms are normal.

Abdomen: Fetal abdomen shows normal position of fetal stomach. Liver appears normal in position. Gall bladder is anechoic in lumen. Visualized bowel loops are normal. No evidence of abnormal dilatation / mass is seen in bowel. Fetal both kidneys are normal in size, shape & echotexture. Both renal pelvises are normal. No evidence of dilated ureters is seen. Fetal urinary bladder is moderately distended.

Cord: Fetal umbilical cord is three vessels and shows normal insertion. No evidence of fetal abdominal wall defect is seen.

Limbs: Fetal limbs are normal. Bilateral femur, tibia and fibula, humerus and radius and ulna are normal in size. Bilateral fetal hands appear normal. Fetal body and limb movements are well seen.

Clinical history

Impression:

1. Single live foetus with mean gestation age of 20 Weeks 02 Days (+/- 10 days).
2. No apparent congenital malformation.
3. All cardiac anomalies could not be ruled out - fetal echocardiography is advised at 24 weeks
4. EDD by USG: 21.08.2025

Declaration: I Dr. Hritik Sharma, declare that while conducting ultrasound study, I have neither detected nor disclosed the sex of her fetus to anybody in any manner. All congenital anomalies can't be excluded on ultrasound.

Limitations of USG: USG has potency of detecting structural malformations in up to 60-70% of cases depending on the organ involved.

Functional abnormalities (behavior/ mind/hearing) in the fetus cannot be detected by USG.

Conditions like trisomy 21 (Down syndrome) may have normal ultrasound findings in 60% cases as reporting in literature.

Serum screening (double marker at 11-14 weeks/quadruple or triple test at 15-20 weeks) will help in detecting a greater number of cases (70% by triple test/87% by quadruple and 90% by double test).

Few malformations develop late in intrauterine life and hence serial follow up scans are required to rule out their presence.

Subtle anomalies/malformations do not manifest in intrauterine life and may be detected postnatally for the first time.

Surgically correctable minor malformations (cleft/lip/palate/polydactyly) might be missed in USG.

All cardiac anomalies could not be ruled out - fetal echocardiography is advised at 24 weeks

Hritik Sharma

Dr. Hritik Sharma
M.D. Radiologist
UPMCI-82755



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Scope of services : Ultrasound | CT Scan | X-Ray | ECG | ECHO | Fibroscan | NCV | BERA | FNAC | Telereporting | Pathology

This is only professional opinion. Not for medicolegal purpose.

In case of any typographical error please inform immediately and get it corrected within seven days.