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Mrs. Kopal Bhadia

Age - 32y/f

Quadrupple Test

DOB - 31/12/1992

CMP - 12/6/2025

Height - 5 " 1 "

Weight - 70.7 KG

PT.'S NAME : MRS. KOPAL TAVNEET BHATIA
 AGE/SEX : 32Y/FEMALE
 REF BY : DR.MANASI GULATI
 DATE : 12.11.2025
 REG. NO. : 241000
 REPORT PREPARED BY: SUDHA PAL

USG OBSTETRICS WITH ANOMALY SCAN

GESTATIONAL AGE BY LAST SCAN <u>20 Weeks 5 Days</u>	EDD BY LAST SCAN: 28.03.2026
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- Single live intrauterine foetus with **Breech** Presentation is seen at the time of examination.
- Liquor is adequate in amount.
- Cervical length:** 3.5 cm.
- Foetal movements are identified and foetal heart is positive.

Foetal Biometry :

Foetal Heart Rates :		145	B/Min. Regular.				
BPD Measures :	4.56	cm. Corresponds To :	19	Weeks	5	Days.	
HC Measures :	18.60	cm. Corresponds To :	21	Weeks	0	Days.	
AC Measures :	15.54	cm. Corresponds To :	20	Weeks	5	Days.	
FL Measures :	3.27	cm. Corresponds To :	20	Weeks	1	Days.	
TIB Measures :	2.97	cm. Corresponds To :	20	Weeks	6	Days.	
FIB Measures :	2.90	cm. Corresponds To :	20	Weeks	2	Days.	
HL Measures :	3.33	cm. Corresponds To :	21	Weeks	2	Days.	
RAD Measures :	2.70	cm. Corresponds To :	20	Weeks	0	Days.	
ULNA Measures :	3.18	cm. Corresponds To :	22	Weeks	0	Days.	
CEREB Measures :	1.97	cm. Corresponds To :	19	Weeks	0	Days.	
Average Ultrasound Age Is		20	Weeks	4	Days.		
Expected Date Of Delivery By Ultrasound :							
Estimated Foetal Weight Is		358	Gms. ±	52	Gms.		

- Placenta:** Posterior, Grade-I.
- Ductus venosus reveals normal flow & spectral waveform.
- Increased mean PI (1.82) of bilateral uterine arteries.**

P.T.O.

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FETAL EXTREMITIES:

- All four limbs present with no gross abnormality.

FETAL HEAD:

- Mid line falx is well seen. Both lateral ventricles are normal in size. The posterior fossa appears normal. The cerebellum is normal.

FETAL SPINE:

- Entire spine is visualized in longitudinal and transverse axis.
- The vertebrae and spinal canal appear normal.

FACE:

- Orbita, nose and mouth appear normal.

THORAX:

- The heart appears in normal cardiac situs.
- The four chamber view is normal. **Fetal echo not done.**
- Both lungs are well seen.
- No evidence of diaphragmatic hernia is seen.
- No evidence of pleural or pericardial effusion.

ABDOMEN:

- Abdominal satus appears normal.
- Stomach, both kidneys and urinary bladder are normal.
- The gall bladder is well seen.
- No evidence of ascites. No abdominal wall defect.

P.T.O.

Thanks for Giving us an Opportunity to serve.

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IMPRESSION:

- Single live intrauterine foetus with **Breech** presentation is seen at the time of examination, which corresponds to gestational age 20 Weeks, 4 Days. EDD- 29.03.2026 +/- 10 Days.
- **Increased mean PI (1.82)** of bilateral uterine arteries.
- **No obvious congenital anomaly detected.**

Fetal echo is advised for dedicated evaluation of fetal heart (22-24 weeks).
Suggest clinical & quadruple markers correlation.

Disclaimer:

This is only a professional opinion and not the final diagnosis and should be correlated with clinical and other parameters-Triple / Quadruple Markers .Please note that ultrasound study has certain limitations. Some times fetal anomalies may not get diagnosed due to nature of anomaly, appearance of anomaly, gestational age, fetal positioning, maternal abdominal obesity, other technical parameters including limitations of machine, thence absence of mention of fetal anomaly in the study does not always rule out its possibility. Not all anomalies can be detected on sonography. Fetal limb anomalies are not always detectable due to fetal position. Follow up scanning and second opinion are always advisable. For detection of cardiac anomaly foetal echography is necessary. Ear anomalies cannot be detected. Some anomalies like congenital diaphragmatic hernia, club foot, evolving cardiovascular and CNS anomalies etc may develop at a later stage & certain abnormalities such as anorectal and bowel atresia, tracheo-esophageal anomalies, small ventricular septal defect (VSD) may not be picked up at 19-20 weeks-Needs dedicated fetal echo is advised & ASD etc may not be picked up in mid- trimester scan. Fetal microcephrosis,heterozygous, achondroplasia. Assessment of small body parts like fingers, toes and ears does not come within the scope of targeted anomaly scan. Study of genital organs is prohibited by PCPNDT act- detection of their anomalies is not feasible.

DR. DIPTI KOTHARI
MBBS, DMRD, DNB
Consultant Radiologist

DR. S. K. SINGAL
MBBS, DMRD
Consultant Radiologist

DR. YANKIT JAIN
MBBS, DMRD, DNB
Consultant Radiologist

DR. ANJALI GOYAL
MBBS, MD
Consultant Radiologist

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