

Weight 150 - 160  
(2) Mrs. Uma Patel

Age - 22 y/f

Quadruple Marker

DOB — 30/07/2003

LMP — 13/08/2023

Height — "5" feet

Weight — 65.0 kg.



# श्री डायग्नोस्टिक सेन्टर

MIRACLE COMPLEX, BUS STAND, DURG (C.G.) PH. : 0788-4040925, Mob. : 6289752008

PT.'S NAME : MRS. UMA PATEL  
AGE/SEX : 22 Y/FEMALE  
REF BY : DR. MANASI GULATI  
DATE : 16.01.2024  
REG. NO. : 173509

## USG OBSTETRICS WITH ANOMALY SCAN

No previous images or reports available for comparison.

LMP: 14.08.2023.

- Single live intrauterine foetus with Breech Presentation is seen at the time of examination.
- Liquor is adequate in amount.
- Cervical length: 3.6 cm.
- Foetal movements are identified and foetal heart is positive.
- Single loop of umbilical cord around the fetal neck in current study.

### Foetal Biometry :

Foetal Heart Rates :	157	B/Min. Regular.			
BPD Measures :	4.96	cm. Corresponds To :	21	Weeks	0 Days.
HC Measures :	18.25	cm. Corresponds To :	20	Weeks	4 Days.
AC Measures :	16.02	cm. Corresponds To :	21	Weeks	1 Days.
FL Measures :	3.25	cm. Corresponds To :	20	Weeks	1 Days.
TIB Measures :	2.96	cm. Corresponds To :	20	Weeks	6 Days.
FIB Measures :	2.87	cm. Corresponds To :	20	Weeks	2 Days.
HL Measures :	3.20	cm. Corresponds To :	20	Weeks	5 Days.
RAD Measures :	2.72	cm. Corresponds To :	20	Weeks	1 Days.
ULNA Measures :	3.05	cm. Corresponds To :	21	Weeks	3 Days.
CEREB Measures :	2.17	cm. Corresponds To :	20	Weeks	3 Days.
BOD Measures :	3.34	cm. Corresponds To :	21	Weeks	3 Days.
Average Ultrasound Age Is	20	Weeks	5	Days.	
Expected Date Of Delivery By Ultrasound :			30.05.2024		
Expected Date Of Delivery By LMP :			20.05.2024		
Estimated Foetal Weight Is	370	Gms. ±	54	Gms.	

- Placenta: Posterior fundal, Grade-I. Lower margin of placenta is reaching upto the margin of internal OS.
- Ductus venosus reveals normal flow & spectral waveform.
- Right uterine artery show normal wave form and PI(0.59). Mean PI is normal.
- Increased left uterine artery PI (1.85) with early diastolic notching.

### 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.

(P.T.O.)



**FETAL SPINE:**

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

**FACE:**

- Orbits, nose and mouth appear normal.

**THORAX:**

- Few intra cardiac echogenic foci, two (2.0 & 2.3 mm) in right ventricle and one (2.7 mm) in left ventricle seen of heart is a soft marker for trisomy - Needs quadruple marker correlation.
- Aberrant right subclavian artery seen - Needs dedicated fetal echo (22-24 weeks) correlation.
- The heart appears in normal cardiac situs.
- 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 situs appears normal.
- Stomach, both kidneys and urinary bladder are normal.
- The gall bladder is well seen.
- No evidence of ascites. No abdominal wall defect.

**IMPRESSION:**

- Single live intrauterine foetus with Breech presentation is seen at the time of examination, which corresponds, to gestational age 20 Weeks, 5 Days. EDD- 30.05.2024 +/- 10 Days.
- Increased left uterine artery PI (1.85) with early diastolic notching.
- Single loop of umbilical cord around the fetal neck in current study.
- Few intra cardiac echogenic foci, two (2.0 & 2.3 mm) in right ventricle and one (2.7 mm) in left ventricle seen of heart is a soft marker for trisomy - Needs quadruple marker correlation
- Fetal parameter HC and FL are less than 3 percentile- Needs NIPT / Quadruple marker correlation.
- USG age lags behind the menstrual age by about 10 days.
- Aberrant right subclavian artery seen - Needs dedicated fetal echo (22-24 weeks) correlation.
- Small femur length - Amniocentesis / karyotyping is advised.
- Fetal echo is advised for dedicated evaluation of fetal heart (22-24 weeks).
- Suggest clinical & quadruple markers correlation.

**Disclaimer:**

Please note that USG study has certain limitations !sometimes fetal anomalies may Not get diagnosed due to nature of anomaly Gestational age, foetal positioning and limitations of machine thence absence of mention of foetal anomaly in study does n always rule out its possibility.(Fetal echo is not included in this scan).

**Declaration:**

I declare that while conducting Ultrasonography/ Image, Scanning on patient.  
I have neither detected nor disclosed the sex of her fetus to anybody in any manner.

DR. DIPTI KOTHARI  
MBBS, DMRD, DNB  
Consultant Radiologist

DR. YANKIT JAIN  
MBBS, DMRD, DNB  
Consultant Radiologist

DR. ANJALI GOYAL  
MBBS, MD  
Consultant Radiologist

Thanks for Giving us an Opportunity to serve.