

24/11/25

① Mrs. Meena

Age - 28 y/f

Quadruple Marker

DOB - 24/10/1996

CMP - 14/6/2025

Height - 5 feet

Weight - 51 Kg



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PT'S NAME MRS. MEENA

REF' BY..... DR. MANSI GULATI M.B.B.S., D.N.B.

AGE / SEX 29 YRS / FEMALE

CODE - (S*)

DATE - 18/11/2025

Obstetrical Sonography (Anomaly Scan)

Single foetus Breech in position.

Spine right side of maternal abdomen.

Liquor Quantity adequate.

Placenta Fundal, upper & mid segment on the posterior wall Grade I changes.

Cervical canal length normal (measures- 36.0 mm).

Foetal tone & movement - normal.

ANOMALY SCAN :-

Cisterna Magna Normal. Lateral ventricles Normal

Foetal nasal bone normal (Measures - 7.6 MM)

Nuchal fold thickness normal (Measures - 3.08 MM)

Foetal spine appears normal

Foetal heart grossly normal (foetal echo not done)

Foetal both renal pelvis prominent (Measures - 5.4 mm on right & 5.3 mm on left)

Fluid in stomach seen and foetal urinary bladder normal.

Foetal long bones normal.

Normal three vessel cord seen.

CALCULATION OF AGE ADJUSTED ULTRASOUND RISK ASSESSMENT FOR

DOWN'S SYNDROME

Down's syndrome markers :-

Echogenic bowel - Absent

Intracardiac echogenic focus - Absent

Mild foetal pyelectasis - Present

Nuchal fold thickened soft tissue at the foetal occiput ≥ 6 mm - Absent

Short femur - Absent

Short humerus - Absent

Prior risk of down's syndrome 1 in 810

Calculated risk of down's syndrome 1 in 821

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PT'S NAME MRS. MEENA

OBSTETRICAL WORK SHEET

Heart Rate.....141/mt.Regular.

Foetal Biometry :-

B.P.D.....Measures – 49.9 MM corresponds 21 W 1 d.
H.C.....Measures – 183.2 MM corresponds 20 W 5 d.
Abdominal circumference.....Measures – 151.9 MM corresponds 20 W 3 d.
F.M.L.....Measures – 33.8 MM corresponds 20 W 4 d.

Foetal long bones:-

TIB.....Measures – 32.1 MM corresponds 21 W 6 d.
HUM.....Measures – 35.6 MM corresponds 22 W 2 d.

Foetal cranium:

CEREB.....Measures – 21.7 MM corresponds 20 W 3 d.
CM.....Measures – 7.59 MM
OOD.....Measures – 33.5 MM corresponds 21 W 3 d.
IOD.....Measures – 13.6 MM

U/S Mean Gestational age.....21 weeks 1 day.

Foetal weight.....361 gms $\pm$ 53 gms (by different methods)

U/S E.D.D.....30/03/2026 $\pm$ 10 Days.

(L.M.P.- 14/06/2025. Gestational age by L.M.P.- 22 weeks 3 days. EDD by L. M. P.- 21/03/2026)

DOPPLER ASSESMENT & COLOUR FLOW IMAGING

RIGHT UTERINE ARTERY

PSV - 59.93 cm/s.

EDV - 30.39 cm/s.

TAmx - 40.71 cm/s.

P.I. - 0.73

R.I. - 0.49

S/D - 1.97

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PT'S NAME MRS. MEENA

LEFT UTERINE ARTERY

PSV - 54.59 cm/s.

EDV - 22.09 cm/s.

TAmx - 33.97 cm/s.

P.I. - 0.96

R.I. - 0.60

S/D - 2.47

The sensitivity of ultrasonography has its limitations in detections congenital anomalies because of moving fetal positions, maternal fat, amount of liquor, nature of abnormalities presenting at different fetal ages, overlapping foetal parts and the abnormalities that are not obvious morphologically.

INFERENCE:

MILD PYELECTASIS BOTH FOETAL KIDNEYS (SOFT MARKER)

GROWTH VELOCITY NORMAL (REF. OLD SCAN)

SINGLE VIABLE FOETUS BREECH IN POSITION.

MEAN GESTATIONAL AGE OF 21 WEEKS 1 DAY DURATION.

COLOUR FLOW IMAGING NORMAL (UTERINE ARTERY FLOW).

NOTE - Some anomalies like congenital diaphragmatic hernia, club foot, evolving cardiac anomalies etc may develop at a later stage & certain abnormalities such as anorectal atresia, small VSD & ASD etc may not be picked up in mid - trimester scan.

ADVICE- QUADRUPLE MARKER TEST.

FOLLOW UP & FURTHER WORK UP

I Have not detected or disclosed the sex of the foetus to anybody in any manner.

This document is medical report cannot be used for other purposes.

DR. GAURAV KOHLI
D.M.R.D

(SENIOR SONOLOGIST & RADIOLOGIST)
FORMER REGISTRAR SEC - 9 HOSP.

DR. SUDHIR KUMAR SHUKLA
M.D., FIAMS (RADIOLOGY)

HON. PROFESSOR ACADEMY OF MEDICAL SPECIALIST
(CHIEF SONOLOGIST & RADIOLOGIST)

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