

2nd trimester Ultrasound Soft Markers for Trisomy 21

Intracardiac Echogenic Focus	Absent
Mild Hydronephrosis / Pyelectasis	Absent
Short Femur / Humerus	Absent
Echogenic Bowel	Absent
Increased Nuchal Fold	Absent
Aberrant Right Subclavian Artery	Absent
Absent or Hypoplastic Nasal Bone	Normal Size
Ventriculomegaly	Absent

DOUBLE MARKER TEST - NOT DONE .

2nd trimester screening for Downs

Maternal age risk 1 in 448

Fetus	2nd Trimester Downs Risk Estimate	Markers
A	1 in 3448	

Mrs. SAPNA TANDAN / 06102515 / 06/10/2025 / Visit No 1

Impression

SINGLE ALIVE GESTATION CORRESPONDING TO A
GESTATIONAL AGE OF 18 WEEKS 6 DAYS

GESTATIONAL AGE ASSIGNED AS PER LMP (CORRECTED)

PRESENTATION - CHANGING

PLACENTA - ANTERIOR

LIQUOR - NORMAL - SUBJECTIVE ASSESSMENT

FETAL WEIGHT 248 GRAMS - 38 %ILE.

NORMAL MEAN UTERINE ARTERY PI.

DOUBLE MARKER TEST - NOT DONE .

SUGGESTED -

- 1 - QUADRUPLE MARKER TEST .
- 2 - FOLLOW UP USG FOR GROWTH SCAN .

Thanks for reference

All anomalies cannot be detected in ultrasound due to certain technical limitations, obesity ,
certain fetal positions , fetal movements or abnormal amount of amniotic fluid .

All information given today is as per the findings on scan today, but does not guarantee normality of all fetal organs
(structurally and functionally) in future

Also note that ultrasound permits assessment of fetal structural anatomy

but not the function of these structures

All measurement including estimated fetal weight are subject to statistical variations

- I, Dr. Mrs. Riya Lalit Makhiya, declare that while conducting USG of Mrs. SAPNA W/o Mr. DEEPAK
- I have neither detected nor disclosed the sex of her fetus to anybody in any manner

DR. MRS. RIYA LALIT MAKHIYA



Mrs. SAPNA TANDAN / 06102515 / 06/10/2025 / Visit No 1

Fetus

Survey

Presentation	Changing
Placenta	Anterior
Liquor	Normal subjective assessment
Umbilical cord	Two arteries and one vein
Fetal activity	Fetal activity present
Cardiac activity	Cardiac activity present Fetal heart rate - 153 bpm

Biometry(Hadlock, Mediscan, Unit: mm)

BPD	42.3 18W 6D	● (54%)	Long bones	Right (mm)	
HC	162.1 19W	● (50%)	Tibia	28.8 18W	● (70%)
AC	128.3 16W 3D	● (38%)	Humerus	27.7 18W 5D	● (46%)
FL-Rt	25 18W 6D	● (45%)	Ulna	25.3 18W 4D	● (41%)

EFW (grams)

FLAC	348	● (56%)
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TCD 19.4 mm ● (52%)

Aneuploidy Markers (mm)

Nasal Bone	5.1 Present	● (12%)
Nuchal Fold	2.6 Normal	

Other Biometries (mm/ms)

BOD	29.5	● (35%)
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Patient name	Mrs. SAPNA TANDAN	Age/Sex	34 Years / Female
Patient Id	08102515	Visit no	1
Referred by	Dr. NEERU V. PATEL, DGO	Visit date	06/10/2025
LMP date	27/05/2025, LMP EDD: 03/03/2026[18W 6D]		

OB - 2/3 Trimester Scan Report (Anomaly Scan)

Indication(s)

10

(CORRECTED LMP FROM FIRST REPORT)

HISTORY -

G1 A0 L0

Spontaneous Conception

History of Consanguinity : No

Previous history of Pre-eclampsia : No

Maternal Medical condition like DM, HT, Thyroid disorder : No

History of genetic disorder in Previous Pregnancy / family : No

Any other significant history : No

Sickling & Thalassemia - No

BLOOD GROUP - B+VE

Real time B-mode ultrasonography of gravid uterus done.

Route Transabdominal

Single intrauterine gestation

Maternal

Cervix measured 3.3 cm in length.

Internal os is closed.

Normal mean uterine artery PI.

Right Uterine	1.85	→●→ (97%)
Left Uterine	1.31	→●→ (62%)
Mean PI	1.58	→●→ (84%)

Fetal Anatomy

Head

Cisterna magna measured 5.1 mm

Midline falx seen

Both lateral ventricles appeared normal (5.2 mm at the level of atria)

Posterior fossa appeared normal

No identifiable intracranial lesion seen

Neck

Fetal neck appeared normal

Spine

Entire spine visualised in longitudinal and transverse axis.

Vertebrae and spinal canal appeared normal

Face

Fetal face seen in the coronal and profile views.

Both orbits, nose and mouth appeared normal

Thorax

Both lungs seen

No evidence of pleural or pericardial effusion.

No evidence of SOL in the thorax.

Heart

Heart appears in the mid position.

Normal cardiac situs. Four chamber view normal.

Outflow tracts appeared normal

Abdomen

Abdominal situs appeared normal

Stomach and bowel appeared normal.

Normal bowel pattern appropriate for the gestation seen.

No evidence of ascites

Abdominal wall intact.

KUB

Right and Left kidneys appeared normal.

Bladder appeared normal

Extremities

All fetal long bones visualized and appear normal for the period of gestation.

Both feet appeared normal