

Dr. CHARUCHANDRA PATNI MD (Rad)
CONSULTING RADIOLOGIST



LIMBS

All fetal long bones visualized and appear normal for the period of gestation.
Both hands and feet appeared grossly normal.

Conclusion:

First antenatal ultrasound for this pregnancy. First trimester screening not done.

Single live intrauterine fetus of 24 weeks.

Fetal growth is within normal limits.

Liquor is adequate.

Evidence of Aberrant right subclavian artery. An aberrant subclavian artery is one of the soft markers for Trisomy 21. As an isolated marker it has a likelihood ratio of 3.9. ARSA in most cases is a variant. Genetic testing with Amniocentesis or NIPT is suggested in these cases.

No other gross structural anomalies are seen.

Rest of the soft markers are normal.

Uterine artery PI is within normal limits.

Note: All anomalies may not be diagnosed on sonography due to technical difficulties related to foetal position, amniotic fluid volume, foetal movement and maternal abdominal wall thickness. Some anomalies like esophageal atresia, very small VSD, anorectal malformation may not necessarily be detected in all the patients. Cardiac screening done. Detailed fetal echocardiography not included in this study.

I, DR SONIYA PATANKAR declare that while conducting sonography, I have neither detected nor disclosed the sex of the fetus to anybody in any manner.

S. H. Patankar

DR SONIYA PATANKAR, MD, DNB
CONSULTANT RADIOLOGIST

SONIYA PATANKAR
DNB RADIOLOGY
017/04/1455

PATNI DIAGNOSTICS X-RAYS, SONOGRAPHY, COLOUR DOPPLER, O.P.G. & PATHOLOGY

THAKUR HOUSE, 1RD WING, 1ST FLOOR, 24/18, EAST STREET, PUNE 411 001 • TEL. 26344241, 26349231
• TIMINGS: Monday to Saturday 10.00 a.m. to 7.00 p.m. • SUNDAY CLOSED • CELL: +91 9226090689

TOTAL BODY BONE DENSITY & OBESITY ASSESSMENT
VISHAL, DARGHAN, F.C. ROAD, PUNE 411 014 • TEL. 25462849

DR PATNI CHARUCHANDRA CHANDRAK
MD (RADIOLOGY) REG NO 118853

Date: 12/4/25
Place: Pune

Name, Signature and Registration Number with Seal of the
Radiologist/Registered Medical Practitioner performing the

Dr. CHARUCHANDRA PATNI M.D. (Rad.)
CONSULTING RADIOLOGIST



| Vessels | S/D | RI | PI | PI Percentile | Remarks |
|----------------------------|------|------|------|---------------|--|
| Right Uterine Artery | 1.98 | 0.50 | 0.72 | 42.9% | Within Normal Limit |
| Left Uterine Artery | 2.74 | 0.61 | 1.05 | 97.0% | Within Normal Limit |
| Uterine Arteries Mean PI = | | | 0.88 | 40% | Normal |
| Ductus venosus | 3.2 | 0.69 | 0.86 | 94 % | PSV= 47cm/s Normal waveform Pattern |

HEAD

Midline falx seen.

Both lateral ventricles appear normal. VP measures **5.7mm**

The cerebellum and cisterna magna are normal. Cisterna magna measures **7.4mm**.

No intracranial calcification is identified.

SPINE

Entire spine visualized in longitudinal and transverse axis.

Vertebrae and spinal canal appear normal.

No evidence of neural tube defect is noted.

NECK

No cystic lesion seen around the neck.

The Nuchal fold thickness measures **4.9mm**.

FACE

Fetal face seen in the coronal and profile view.

Both Orbits, nose and mouth appeared normal.

Bi-orbital diameter measures **38.4 mm**.

THORAX

Heart appears in the mid position.

Normal cardiac situs. Outflow tracks appears normal.

Aberrant course of right subclavian artery is noted coursing posterior to the trachea and esophagus

Both lung seen.

No evidence of pleural or pericardial effusion. No evidence of SOL in the thorax.

ABDOMEN

Abdominal situs appeared normal. Stomach bubble seen.

Normal bowel pattern appropriate for the gestation seen.

No evidence of ascites.

Abdominal wall intact. Fetal both kidneys appeared normal.

Fetal urinary bladder appeared normal

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D, DNB RADIOLOGY
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VISHNU DARSHAN, F.C. ROAD, PUNE - 411 016 • TEL. : 25652880

DR PATNI CHARUCHANDRA CHANDRAKAR
MD (RADIOLOGIST) REG NO 46863

Date: 12/4/25
Place: Pune

Name, Signature and Registration Number with Seal of the
Radiologist/Registered Medical Practitioner performing Diagnosis

Dr. CHARUCHANDRA PATNI M.D. (Rad.)

CONSULTING RADIOLOGIST



PATIENT NAME: MRS ARSHIYA WASIM QURESHI
 REF DR: DR MANDAR M RANADE
 DATE: 12/04/2025

USG OBSTETRICS FOR TARGETTED ANOMALY SCAN

| Dating | LMP | GA | | EDD |
|--------|----------------|----------|--------|------------|
| By LMP | ??? 25/10/2024 | 24 weeks | 1 Days | 01/08/2025 |
| By USG | | 24 weeks | 0Days | 02/08/2025 |

There is a single gestation sac in uterus with a single fetus within it in changing position.
 The fetal cardiac activities and body movements are well seen.
 Placenta is anterior, not low lying.
 Amniotic Fluid: Normal
 Internal os is closed and length of cervix is normal and measures 4.4 cm.

| Fetal growth parameters | mm | Weeks | Days | Percentile |
|--------------------------------|-----------------------|--------------|------|------------|
| Biparietal Diameter | 59.2 | 24 | 1 | 44.4% |
| Head circumference | 219.5 | 24 | 0 | 25.8% |
| Abdominal Circumference | 183.9 | 23 | 1 | 15.4% |
| Femoral Length | 42.8 | 24 | 0 | 32.3% |
| Transverse Cerebellar Distance | 25.5 | 24 | 5 | 32.3 % |
| Nasal Bone Length | 7.9 | | | 32.6% |
| Fetal Weight | 612 Grams | | | 20.9% |
| Heart Rate | 153 Beats Per Minute. | | | |
| FL/AC =23.3 % | | HC/AC = 1.19 | | |
| FL/BPD =72.3% | | FL/HC =19.5% | | |

| Sr. No. | 2 nd Trimester Aneuploidy Markers | |
|---------|--|-------------|
| 1 | Intracardiac Echogenic Focus | Absent |
| 2 | Ventriculomegaly | Absent |
| 3 | Increased Nuchal Fold | Absent |
| 4 | Echogenic Bowel | Absent |
| 5 | Mild Hydronephrosis | Absent |
| 6 | Short Humerus | Absent |
| 7 | Short Femur | Absent |
| 8 | Aberrant Right Subclavian Artery | Present |
| 9 | Absent or Hypoplastic Nasal Bone | Normal size |

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