



# Global Diagnostics

## Sonography & Digital X Ray

### Dr. Shoaib (Soyaf) Fazlani

MBBS-GMC, NAGPUR. MD - Radiology - LTMSC (Sion Mumbai)  
DNB - Radiology - (NBE Delhi) Ex. Asst. Professor GMC, Nagpur  
Ex. Consultant Radiologist - Midas Hospital, Ramdaspeth, Nagpur  
Consultant Radiologist & Sonologist (Reg. No. 2014/073296)

### Dr. Fiza Banu Fazlani

MBBS, DMRE (Radio Diagnosis), National Fellow Scholar MD, BCFRG  
Ex Trainee GMC, Nagpur  
Consultant Radiologist & Sonologist  
Reg. No. 2020/032389

Add. : Shop No. G-7, Ground Floor, Anjuman Complex, Near Khan Pathology Opp. Governor Kothi, Main Road, Sadar Bridge Pillar No. 37, Nagpur. **Contact No. : 70837 50761**

Patient Name: **NEHA TAGADE**

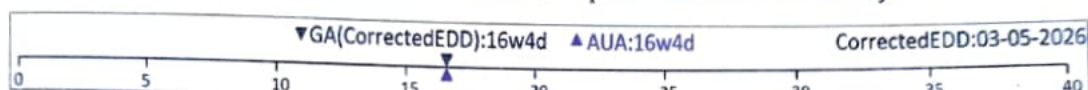
Date: **20/11/2025**

Ref Phy: **DR. VANDANA PAHUKAR MBBS, DGO**

Age/Sex: **30 Years / FEMALE**

### OBSTETRIC ULTRASOUND EXAMINATION FOR ANOMALIES

A B-mode real time obstetric scan was performed trans-abdominally.



Dating	LMP	GA		EDD
		Weeks	Days	
By Corrected EDD		16	4	03/05/2026
By USG		16	4	03/05/2026

AGREED DATING IS (BASED ON Corrected EDD)

### Survey

There is a single live intrauterine fetus. The fetus shows spontaneous movements and heartbeat with breech presentation in present scan. **Single loop of cord seen around neck.**

**The Placenta is anterior**, away from internal OS and of grade I maturity. The umbilical cord contains **three** vessels.

The liquor is adequate.

Cervical region: The cervix measures 4.4 cm in length. Internal Os is closed.

### FETAL PARAMETERS (BIOMETRY):

	mm	Weeks	Days	Percentile
Biparietal Diameter	35.2	16	6	60.4%
Head circumference	132.9	16	6	53.2%
Transverse Cerebellar Distance	15.9	16	3	24.8%
Nasal Bone Length	4.9			97.6%
Abdominal Circumference	105.6	16	3	47.6%
Humerus Length	21.3	16	3	51.8%
Radial Length	18.7	16	2	47.6%
Femoral Length	22.5	16	5	51.7%
Tibial Length	19.1	16	4	56.9%
Fetal Weight	164 Grams + 24 Grams.			46.4%
Heart Rate	156 Beats Per Minute.			
FL/AC = 21				HC/AC = 1.26
FL/BPD = 63.85%				BPD/OFD = 75.34%



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### FETAL ANATOMICAL SURVEY:

#### FETAL HEAD:

Mid line falx seen. Both lateral ventricles are normal. The posterior fossa appear normal. The cerebellum is normal. No identifiable intracranial lesion seen. The cavum septum pellucidum is seen.

Cisterna magna : 3.7 mm  
Lateral ventricles : 6.2 mm  
Nuchal fold thickness : 1.9 mm  
O.F.D. : 46.7 mm

#### FETAL SPINE:

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

#### FACE:

Fetal face seen in profile and coronal views. Both orbits, nose, and mouth appear normal.

#### THORAX:

The heart appears in mid position. Normal cardiac situs.  
The four chamber view is normal. The out flow tracts appeared normal.  
The three vessel view is normal. Both lungs seen.  
No evidence of pleural or pericardial effusion. No evidence of SOL in the thorax.

#### ABDOMEN:

Abdominal situs appears normal. Stomach, both kidneys, and bladder are normal.  
The portal vein is normal. NO evidence of ascites.  
No abdominal wall defect. Two umbilical arteries are seen.

#### EXTREMITIES:

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

### SCREENING OBSTETRIC DOPPLER:

Vessels	S/D	RI	PI	PI Percentile	Remarks
Right Uterine Artery	2.81	0.64	1.1	22.6% + ● + +	Within Normal Limit
Left Uterine Artery	2.87	0.65	1.08	20.3% + ● + +	Within Normal Limit
Uterine Arteries Mean PI =			1.09	23% + ● + +	Normal
Ductus venosus	2.61		0.79		PSV= Normal waveform Pattern





Time : 10 am to 4 pm  
6.30 pm to 9 pm

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Sr. No.	2 <sup>nd</sup> 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	Absent
9	Absent or Hypoplastic Nasal Bone	Normal size
Apriori Risk (From Maternal Age):		1 in 626
LR Ratio:		0.13
Trisomy21 Risk:		1 in 4810

### IMPRESSION:

- A single living intrauterine fetus of 16 weeks and 4 day of gestation in breech presentation in present scan- gestational age assign as per biometry (BPD, FL, AC, HC).
- The Placenta is anterior and of grade I maturity, liquor is adequate.
- The fetus is appropriate for gestational age (AGA fetus), Fetal weight 164 Grams + 24 Grams.
- Single loop of cord seen around neck.
- No fetal anatomical abnormality was noted for date.
- Mean uterine artery PI is within normal limits.
- The cervix measures 4.4 cm in length. Internal Os is closed.

**Suggested interval anomaly scan (level II) and fetal echo for further evaluation at 24 weeks.**

#### DISCLAIMER:

**This investigation is done as per request of referring doctor**

Not all fetal anatomical abnormalities can be detected on ultrasound examination. The visualization of fetal parts depends on the fetal position, fetal movements and adequacy of liquor. Certain defects may not be visualized during the 2nd trimester. A follow up scan in the early third trimester or late 2nd trimester is advisable. The present study cannot exclude Fetal chromosomal abnormalities, because the ultrasound markers for these may not always be evident, Complex cardiac anomalies (like PAPVD), Small VSDs, ASDs, evolving conditions etc. Lower gastrointestinal abnormalities, Abnormalities involving hands, feet, ears, soft tissues etc.

In case of disparity between report and clinical evaluation second opinion is advisable before commencing the final treatment.

This document is not for medicolegal purpose

**Declaration:** I, Dr. SHOAIB A. FAZLANI declare that while conducting ultrasonography scanning on this patient, I have neither detected nor disclosed the sex of her fetus to anybody in any manner.

**DR. SHOAIB A FAZLANI**  
MBBS, MD, DNB, BCFRG  
CONSULTANT RADIOLOGIST

Typed by: NAAZ AHMED

**Dr. Shoaib Fazlani**  
MBBS, MD, DNB (Radiology)  
Reg. No. 2014/07/3296

**SURGICARE CLINIC**

MATERNITY AND NURSING HOME

**DR. VANDANA PAHUKAR**

M.B.B.S., D.G.O.

Consultant Gynaecologist &  
Obstetrician**PERSONAL DATA**NAME: Mrs. Neha Rahul Tagade AGE: 30 yrs DATE: 06/11/25ADDRESS: Chhoti Hanuman mandir near  
Pandharabodi Nagpur 7507592155**MENSTRUAL HISTORY**

Previous cycles: Regular / Irregular

LMP: 23/7/25 (certain / uncertain)EDD: 30/4/26 Corrected EDD: \_\_\_\_\_**OBSTETRIC HISTORY:** Married :- 9 yrsG1 -> FCS / Male / Still birthG2 -> FCS / Female / 741 L40G3 -> PP**PAST MEDICAL HISTORY:**Hypertension  
Diabetes  
Thyroid problems  
Epilepsy  
Liver diseaseTuberculosis  
Asthma  
Heart disease  
Thrombosis  
Kidney diseaseOperations  
Anesthesia complications  
Mental health problem  
Rubella infection  
Blood transfusion

Details if any:

**FAMILY HISTORY:** Hypertension/ Diabetes/ Tuberculosis/ Malignancy**PERSONAL HISTORY:** Smoking/ Alcohol/ Medications

Details if any:

**GENERAL PHYSICAL EXAM.**Height: \_\_\_\_\_ Weight: 37.5 kgPallor  
Cynosis  
Clubbing  
Icterus  
Edema feet  
lymphadenopathy} NAD**SYSTEMIC EXAMINATION:**RS:  
CVS:  
P/A:  
THYROID:  
BREAST:  
OTHER:} NAD