

डॉ. सौ. नावंदर ए. एस.  
एम.बी. बी.एस  
मो. ९८२४३९

Dr. Amey Jaju  
MBBS, DNB Radiology  
Fellowship in MSK Imaging

Regd. No.: 2019/05/3879



Anushree  
Sonography & X-Ray Centre

• DIGITAL X-RAY • 3D/4D/5D SONOGRAPHY • COLOUR DOPPLER

Patient Name: KAVITA RAHUL SONAVANE	Date: 19/11/2025
Patient Id: 10740	Age/Sex: 19 Years / FEMALE
Ref Phy: DR. A S NAVANDAR MAM	Address :

OBSTETRIC EARLY DETAILED SCAN (NT PROFILE)

LMP:29-08-2025		▼ GA(LMP):11w5d	▲ AUA:12w1d	EDD by LMP:05-06-2026
Dating	LMP	Weeks	Days	
By LMP	LMP: 29/08/2025	11	5	05/06/2026
By USG	26/08/2025	12	1	02/06/2026

AGREED DATING IS (BASED ON LMP)

There is a single gestation sac in uterus with a single fetus within it.

The fetal cardiac activities are well seen.

Placenta is **posterior** in nature.

**AMNIOTIC FLUID :** Adequate

Internal os is closed and length of cervix is **23.1 mm**.

**The embryonal growth parameters are as follow :**

	mm	Weeks	Days
Crown Rump Length :	48.2	11	4
Biparietal Diameter :	15.9	12	2
Head Circumference :	62.4	12	3
Abdominal Circumference	46.9		
Femoral Length	4.6		
Heart Rate :	161 Beats Per Minute.		
Nuchal Translucency	0.8 mm 16% + + +		
Nasal Bone	SEEN		
Hands, Limbs, Nasal Triangle Integrity, Bladder, Stomach & Umbilical Arteries		Seen	
Ductus Venosus Waveform	Normal waveform Pattern		

Vessels	S/D	RI	PI	PI Percentile	Remarks
Right Uterine Artery	5.96	0.83	2.17	80.9% + + + +	
Left Uterine Artery	5.28	0.81	2.07	75.2% + + + +	
Uterine Arteries Mean PI =			2.12	78.2% + + + +	Normal
Ductus venosus	1.33	0.25	0.97		PSV=37.34 Normal waveform Pattern

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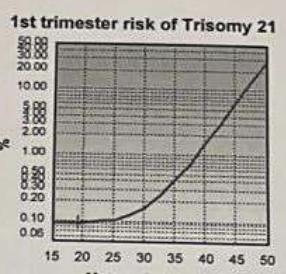
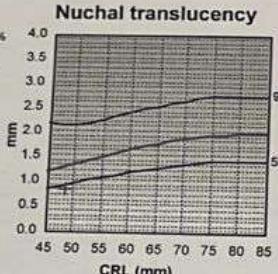
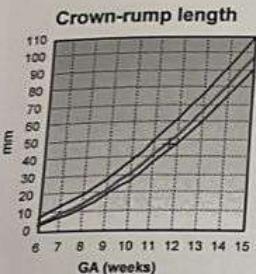
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First trimester: Pre Ultrasound Maternal age risk for Trisomy21 is 1 in 1068

Fetus	Risk estimate – NT
A	1 in 6282

#### CONCLUSION:

- SINGLE LIVE INTRAUTERINE FETUS OF 12 WEEKS 1 DAYS IS PRESENT.

Suggest:

- Serum Beta HCG & PAPPA assay may be done to improve the detection rate of the screening test.
- To improve sensitivity of the combined test 'Integrated test' may be done by doing quadruple marker test in the second trimester (16 weeks) and modifying the risk of the first trimester screening.

Please note that all anomalies can not be detected all the times due to various technical and circumstantial reasons like gestation period, fetal position, quantity of liquor etc. The present study can not completely confirm presence or absence of any or all the congenital anomalies in the fetus which may be detected on post natal period. Growth parameters mentioned herein are based on International Data and may vary from Indian standards. Date of delivery (at 40 weeks) is calculated as per the present sonographic growth of fetus and may not correspond with period of gestation by L.M.P. or by actual date of delivery. As with any other diagnostic modality, the present study should be correlated with clinical features for proper management. Except in cases of Fetal Demise or Missed Abortion, sonography at 20-22 weeks should always be advised for better fetal evaluation and also for base line study for future reference.

I, DR. AMEY JAJU declare that while conducting sonography on KAVITA RAHUL SONAVANE (name of pregnant woman), I have neither detected nor disclosed the sex of the fetus to anybody in any manner.

**DR. AMEY S JAJU**  
MBBS, DNB (Radiology)  
Fellow in MSK Imaging  
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CONSULTANT RADIOLIST

REQUEST FOR OBSTETRIC USG ON YOUR LETTER HEAD IS MANDATORY (PCPNDT ACT). PLEASE COMPLY.

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