



Patient Name: <b>KAVITA SHUBHAM NIKAM</b>	Date: <b>27/11/2023</b>
Patient Id: <b>19365</b>	Age/Sex: <b>21 Years / FEMALE</b>
Ref Phy: <b>DR. SHAMALEE SARODE</b>	

### OBSTETRIC NT SCAN

LMP: 27-08-2023	GA(LMP): 13w1d	AUA: 13w4d	EDD by LMP: 02-06-2024
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Dating	LMP	GA		EDD
		Weeks	Days	
By LMP	LMP: 27/08/2023	13	1	02/06/2024
By USG		13	4	30/05/2024
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.

Chorion frondosum/Placenta is **fundo-posterior** in nature.

**Amniotic Fluid:** Normal

Internal os is closed and length of cervix is normal 3.4 cm.

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

	mm	weeks	days		
Crown Rump Length	69.5	13	1		
Biparietal Diameter	24.4	14	1		
Head Circumference	88.6	14	0		
Abdominal Circumference	64.2	13	1		
Femoral Length	9.4	12	6		
Heart Rate	171 Beats Per Minute.				
The Embryo attains 40 weeks of age on	30/05/2024				
Nuchal Translucency	1.1 mm 9%				
Nasal Bone	Seen				
Hands, Limbs, Nasal Triangle Integrity, Bladder, Stomach & Umbilical Arteries	Seen				
Ductus Venosus Waveform	Normal waveform Pattern				
Tricuspid regurgitation	Absent				

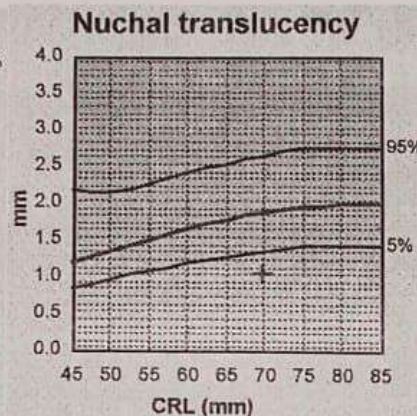
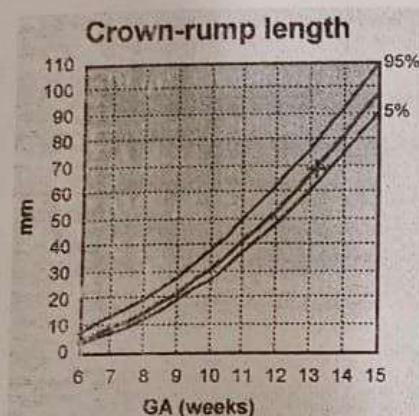
Vessels	S/D	RI	PI	PI Percentile	Remarks
Right Uterine Artery	3.65	0.73	1.56	48.8%	No early Diastolic notch seen
Left Uterine Artery	3.27	0.69	1.38	27.8%	No early Diastolic notch seen
Mean Uterine Artery			1.47	39%	Normal
Ductus venosus	1.24	0.2	1.09		PSV=-55.44 Normal waveform Pattern



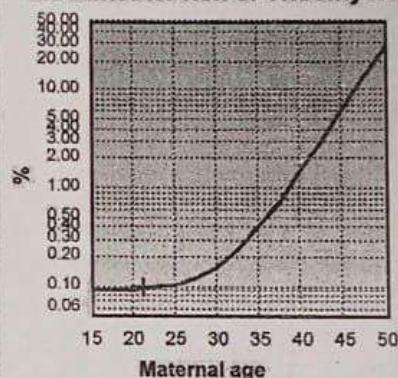


#### Fetal Anatomy

- Fetal skull seen. Midline echo and choroid plexus filling the lateral ventricles are seen. Vertebral bodies demonstrated.
- Both orbits appear normal. The retronasal triangle seen.
- Heart appears in midposition. Four chamber view is normal.
- Stomach appears normal. Urinary bladder appears normal.
- Abdominal wall intact. Normal cord insertion seen.
- Both the arms and legs are seen.



#### 1st trimester risk of Trisomy 21



**First trimester: Pre-Ultrasound Maternal age risk for Trisomy21 is 1 in 1060**

T21 Risk	
From – NT	1 in 6235

#### CONCLUSION:

- SINGLE LIVE INTRAUTERINE FETUS OF 13 WEEKS 4 DAYS IS PRESENT.
- PLEASE CORRELATE WITH DUAL/TRIPLE MARKER TEST.

**Suggested Anomaly scan at 19 weeks: 07/01/2024 ± 2 days**

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.EJAJ ISA PATEL declare that while conducting sonography on KAVITA SHUBHAM NIKAM (name of pregnant woman), I have neither detected nor disclosed the sex of the fetus to anybody in any manner.

*Epatel*

DR. EJAJ ISA PATEL  
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