

**FMF ID: 164300**  
**OBSTETRIC USG- NT SCAN**

Name: Mrs. Reshma Tembhare 32Yr/F

Ref by: Dr. Vidya Sutaone MBBS, MD

Date: 08/02/2024

**LMP: 06/11/2023**

**EDD (Assigned): 20/08/2024**

**GA (From Assigned EDD): 12wks 02days**  
(EDD Assigned From 1<sup>st</sup> USG done elsewhere on 30/12/2023)

**GA (BY USG): 12wks 04days**

There is evidence of a single intrauterine gestational sac noted with a fetus within.

Gestational sac is regular with smooth margins.

Cardiac activity is well appreciated in fetal pole. FHR ~ 151b/m, regular rhythm.

CRL : 61.5mm

The average sonic maturity of gestation corresponds with 12weeks 04days.

Following structures could be seen:

- Head Present, cranial bones, midline falx, choroid plexus fill ventricles.
- Eyes with lens, nasal bone, normal face profile/mandible
- Spine longitudinal
- 4 chambers in heart, symmetric lung field, no effusion or masses
- Stomach in left upper quadrant,
- Normal cord insertion, no umbilical defect
- Four limbs each with three segments, hands and feet with normal orientation
- 3 vessel cord
- Placenta is developing anteriorly, not low lying

Nuchal translucency (NT) is ~1.43mm.

For the crown rump length (CRL) of 61.5 mm the expected nuchal translucency (NT) is 1.65 mm (50th percentile).

The measured NT value is 34 percentile for this CRL.

Nasal Bone (NB) = 1.63mm

Normal flow seen in Ductus Venosus.

No tricuspid regurgitation seen.

P.T.O.

# Risk for preeclampsia

Report date 08-02-2024

Examination date 08-02-2024

Gestational age 12<sup>4</sup> weeks

## Maternal characteristics

Age in years 32.2

Height in cm 155

Weight in kg 41.9

Racial origin South Asian

Smoking during pregnancy No

Family history of preeclampsia No

Method of conception Spontaneous

Singleton or twins Singleton

## Medical history

Chronic hypertension No

Diabetes type I No

Diabetes type II No

Systemic lupus erythematosus No

Anti-phospholipid syndrome No

## Obstetric history

Parity Nulliparous

## Biophysical measurements

Mean arterial pressure 79 mmHg (1 MoM)

Uterine artery PI 1.5 (0.84 MoM)

Measurement date 08-02-2024

## Preeclampsia risk from history only

< 37 weeks: 1 in 152

## Preeclampsia risk from history plus MAP, UTPI

< 37 weeks: 1 in 417

## Recommendation

The risk of preeclampsia was assessed by a combination of maternal characteristics and medical history with measurements of blood pressure and blood flow to the uterus.

On the basis of this assessment the patient has been classified as being **at low risk for developing PE before 37 weeks**. Nevertheless, it is recommended that the risk is reassessed at 20 and 36 weeks.

This software is based on research carried out by The Fetal Medicine Foundation. Neither the FMF nor any other party involved in the development of this software shall be held liable for results produced using data from unconfirmed sources. Clinical risk assessment requires that the ultrasound and biochemical measurements are taken and analyzed by accredited practitioners and laboratories.

# BALAJI X-RAY & SONOGRAPHY CENTRE

08022024-2	Name	RESHMA TEMBHARE 32Y		
Birth(Age)	Gender	Exam Date	08-02-2024	
Physician	Ref. Physician	DR.VIDYA SUTA...	Operator	DR.SANDEEP DH...

### OB

GA(EDD)	12w2d	EDD	20-08-2024	Gravida	Para
GA(AUA)	12w4d	EDD(AUA)	18-08-2024	Ectopic	Aborta
Ovulation Date					

### Biometry

	m1	m2	m3	GA	GP
	61.59	61.59		mm Last 12w4d (11w4d-13w4d)	Hadlock 61.8% Hadlock

### Cranium

	m1	m2	m3	GA	GP
	1.43	1.43		mm Last	5.1% Yagel
	1.63	1.63		mm Last	1.4*% Sonek

### ie A

Right				Left			
m1	m2	m3	GP	m1	m2	m3	GP
51.42	51.42		cm/s Last	45.66	45.66		cm/s Last
20.72	20.72		cm/s Last	8.83	8.83		cm/s Last
20.72	20.72		cm/s Last	8.44	8.44		cm/s Last
1.01	1.01		Bahlmann	1.93	1.93		Bahlmann

### Venous

	m1	m2	m3	GP
IX	43.50	43.50		cm/s Last
3X	36.84	36.84		cm/s Last
ax	8.62	8.62		cm/s Last
	0.82	0.82		Baschat

### Fetal Heart

GA(EDD)	12w2d	EDD	20-08-2024	Gravida	Para
GA(AUA)	12w4d	EDD(AUA)	18-08-2024	Ectopic	Aborta
Ovulation Date					

### il HR

	m1	m2	m3	bpm	Last
il HR	151	151			

ag. Physician:

Operator:

DR.SANDEEP DHOTE

08-02-2024

Rt. Uterine artery PI	Lt. Uterine Artery PI	Mean PI of Uterine Arteries	Percentile	Result
1.01	1.93	1.47	32	Normal

Cervical length is 3.3 cm and the internal os is closed.

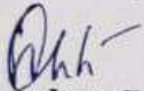
No evidence of free fluid noted in pelvis.

**Impression:**

- Single live intrauterine gestation of sonic maturity 12weeks 04days

**Suggested Follow up USG at 18 to 20 weeks gestation.**

I, **Dr. Sandeep A. Dhote**, declare that while conducting ultrasonography on **Mrs. Reshma Tembhare** I have neither detected nor disclosed the sex of her fetus to anybody in any manner.



**Dr. Sandeep Dhote**  
DMRD, DNB  
(Consultant Radiologist)