




# Critical Ultrasonography Clinic

PC-PNDT Regd. 40/2002

Weekdays: 9.00 a.m. To 6.00 p.m. Saturday: 9.00 am. To 1.00 p.m.  
1731, Sadashiv Peth, Near Swami Math, Off Tilak Road, Pune 411030. INDIA

Dr. Manoj  
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Patient:	Date:	Region:	Tech.:
Mrs. Shruti Koratkar ID: 228453-138329-2	28 January 2025 	Obstetric	2D, Doppler, Fetal echocardiography
Ref.: Dr. Shivajirao Khabale			

## Clinical Background


- She has 21 weeks 6 days amenorrhoea by LMP date on 28-08-24.
- Gestational age is expected to be 20 weeks 5 days  $\pm$  4 days. Gestational age is based on Biometry at 8 weeks 3 days. Conception may be delayed by 8 days.
- Expected Due Date is Thursday 12-06-2025.

## Obstetric ultrasound examination Report

- 20 weeks 5 days  $\pm$  4 days maturity single live intrauterine fetus is seen.
- Visualised fetal cardiac appearances are normal at this stage.
- There is adequate fetal growth.
- Doppler indices are normal.

*Please find detailed description of findings on following pages ...*

I, Dr. Manoj Chinchwadkar, declare that while conducting ultrasonography on Mrs. Shruti Koratkar, I have neither detected nor disclosed the sex of the fetus to any body in any manner.

  
Dr. Manoj Chinchwadkar,  
MBBS, DMRD,  
MMC Regd. No. 65306

DR. MANOJ CHINCHWADKAR  
M.B.B.S., D.M.R.D.  
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## Description of Ultrasound findings

### Fetus

- The single live intrauterine fetus shows cardiac activity.
- Fetal heart rate measures 138 beats/min.
- Fetus has size corresponding to the size of fetus at 21 weeks 2 days.
- There is adequate fetal growth.
- Estimated fetal weight is 395 g  $\pm$  59 g.

### Liquor

- Good amount of liquor is seen.
- AFI measures 14.6.
- Deepest pocket is 5.5 cm.

### Placenta

- Placenta is posterior.
- Placenta shows normal appearances.
- Placenta is not low placed.

### Cervix

- Endocervical length measures 29.7 mm.
- Internal os is closed and does not show funneling.

### Doppler - Uterine arteries

- On Doppler interrogation, right uterine artery shows pulsatility index of 0.92.
- On Doppler interrogation, left uterine artery shows pulsatility index of 1.42.
- Average pulsatility index is 1.17, which is below the 95th centile values.

### Doppler - Umbilical artery

- On Doppler interrogation, umbilical artery shows pulsatility index of 1.34 which is below the 95th centile values.
- Diastolic component in the umbilical artery flow is not absent.