

Patient Name	: Ms.PINKY RAWAT	Visit No	: CHA250044422
Age/Gender	: 28 Y/F	Registration ON	: 12/Mar/2025 10:10AM
<b>Lab No</b>	<b>: 10141717</b>	Sample Collected ON	: 12/Mar/2025 10:10AM
Referred By	: Dr.ESIC HOSPITAL LUCKNOW	Sample Received ON	:
Refer Lab/Hosp	: ESIC HOSPITAL LUCKNOW	Report Generated ON	: 12/Mar/2025 12:27PM

## **ULTRASOUND STUDY OF OBSTETRICS**

*IVF conceived pregnancy. Embryo transfer date is 19/09/2024 EGA by ET is 26 weeks + 6 days.*

- Twin fetuses are seen in longitudinal lie cephalic presentation. Both fetuses are separated by a membrane. Foetus (A) maternal left side. Foetus (B) maternal right side.
- Heart rate of fetus (A) is 149/min, fetus (B) is 151/min.
- Foetal gestation age of Foetal (A) is
  - BPD 73 mm 29 weeks + 4 days
  - FL 50 mm 26 weeks + 6 days
  - AC 224 mm 26 weeks + 6 days
  - HC 252 mm 27 weeks + 3 days
- Foetal gestation age of Foetal (B) is
  - BPD 68 mm 27 weeks + 4 days
  - FL 53 mm 28 weeks + 2 days
  - AC 218 mm 26 weeks + 2 days
  - HC 246 mm 26 weeks + 5 days
- Placenta is posterior in upper uterine segment and show grade 'II' maturity changes.
- Amniotic fluid is adequate. Fetus (A) deepest vertical pocket measures = 3.7 cm. Fetus (B) deepest vertical pocket measures = 4.0cm.
- EFW of Foetus (A) is approx. 1025 gms (+/- 150 gms) and of Foetus (B) is approx. 1030 gms (+/- 150 gms).
- EDD is approximately 6/06/2025.
- No evidence of loop of cord is seen around the fetal neck at the time of examination.

## **COLOUR & PULSED DOPPLER STUDY FETUS A**

- The umbilical artery flow is within normal limits.
- The foetal MCA flow is within normal limits.
- The cerebro-placenta ratio is within normal limits (>1).



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- The flow in the foetal aorta and IVC show normal flow and spectral pattern.
- Ductus venosus shows normal waveform.
- The flow in the umbilical vein is normal. There is no pulsatility.
- No evidence of redistribution or brain sparing.

### **COLOUR & PULSED DOPPLER STUDY FETUS B**

- The umbilical artery flow is within normal limits.
- The foetal MCA flow is within normal limits.
- The cerebro-placenta ratio is within normal limits (>1).
- The flow in the foetal aorta and IVC show normal flow and spectral pattern.
- Ductus venosus shows normal waveform.
- The flow in the umbilical vein is normal. There is no pulsatility.
- No evidence of redistribution or brain sparing.

### **COLOUR & PULSED DOPPLER STUDY**

#### **Fetus A**

#### **Fetus B**

	<b><u>MCA</u></b>	<b><u>Umb A</u></b>	<b><u>MCA</u></b>	<b><u>Umb A</u></b>
<b><u>PS</u></b>	45cm/ sec	33cm/sec	49 cm/sec	42cm/sec
<b><u>ED</u></b>	11.6cm/sec	13cm/sec	2.7 cm/sec	15cm/sec
<b><u>SD</u></b>	2.9	2.5	18	2.7
<b><u>RI</u></b>	1.0	0.6	0.9	0.6
<b><u>PI</u></b>	2.5	0.9	2.9	0.9



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**OPINION:**

- **TWIN LIVE DICHORIONIC-DIAMNIOTIC INTRAUTERINE FOETUSES WITH FOETUS (A) CORRESPONDING TO 27 WEEKS 5 DAYS AND FOETUS (B) CORRESPONDING TO 27 WEEKS 2 DAYS ( $\pm$  2 WEEKS).**

I Dr. Atima Srivastava , declare that while conducting ultrasound study of Mrs. Pinky Rawat, I have neither detected nor disclosed the sex of her foetus to any body in any manner. All congenital anomalies can't be excluded on ultrasound.

***Clinical correlation is necessary.***

**[DR. ATIMA SRIVASTAVA]  
[MBBS, DNB (OBSTETRICS AND GYNAECOLOGY)]  
[PDCC MATERNAL AND FETAL MEDICINE (SGPGIMS LUCKNOW)]**

Transcribed By: GAUSIYA

\*\*\* End Of Report \*\*\*

CHARAK

