

Patient Name	: Ms.SHRIYA TIWARI 264711	Visit No	: CHA250037061
Age/Gender	: 30 Y/F	Registration ON	: 01/Mar/2025 01:13PM
Lab No	: 10134357	Sample Collected ON	: 01/Mar/2025 01:13PM
Referred By	: Dr.CHARAK HOSPITAL AND RESEARC	Sample Received ON	:
Refer Lab/Hosp	: CREDIT CLIENT	Report Generated ON	: 01/Mar/2025 03:12PM

ULTRASOUND STUDY OF OBSTETRICS

- **Dichorionic-diamniotic Twin fetuses are seen.** Both fetuses are separated by a membrane. Foetus A is seen in maternal left side. Foetus B is seen in maternal right side.
- Heart rate of fetus (1) is 159/min, fetus (2) is 143/min.
- Foetal gestation age of Foetal (1) is
 - BPD 76mm 30weeks + 3 days
 - FL 55mm 29weeks + 3 days
 - AC 244mm 28 weeks + 5 days
 - HC 286mm 29weeks + 3 days
- Foetal gestation age of Foetal (2) is
 - BPD 73mm 29weeks + 3 days
 - FL 53mm 28weeks + 2 days
 - AC 233mm 27 weeks + 5days
 - HC 269mm 29weeks + 2 days
- Placenta of 'foetus A' is left postero-lateral in upper uterine segment and show grade 'II' maturity changes.
- Placenta of 'foetus B' is posterior in upper uterine segment and show grade 'II' maturity changes.
- Amniotic fluid is adequate. Fetus A deepest vertical pocket measures = 4.9 cm. Fetus B deepest vertical pocket measures = 3.8cm.
- EFW of Foetus (A) is approx. 1376gms (+/-201gms) and of Foetus (B) is approx. 1181gms (+/- 172 gms).
- EDD is approximately 19/05/2025.
- No evidence of loop of cord is seen around the fetal neck at the time of examination.



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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).
- 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.



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COLOUR & PULSED DOPPLER STUDY

Fetus A

Fetus B

	<u>MCA</u>	<u>Umb A</u>	<u>MCA</u>	<u>Umb A</u>
<u>PS</u>	32cm/ sec	31cm/sec	56 cm/sec	37cm/sec
<u>ED</u>	12cm/sec	10cm/sec	10cm/sec	13cm/sec
<u>SD</u>	4.1	3	5.6	2.6
<u>RI</u>	0.7	0.6	0.8	0.6
<u>PI</u>	1.6	1.0	1.7	0.9

OPINION:

- **TWIN LIVE DICHORIONIC-DIAMNIOTIC INTRAUTERINE FOETUSES WITH FOETUS A CORRESPONDING TO 30WEEKS 0 DAYS AND FOETUS B CORRESPONDING TO 28 WEEKS 5DAYS (± 2 WEEKS) WITH NORMAL COLOUR AND PULSED DOPPLER STUDY AS DESCRIBED ABOVE.**

Note:- I Dr. Atima Srivastava, declare that while conducting ultrasound study of Mrs. Shriya Tiwari I have neither detected nor disclosed the sex of her foetus to anybody 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: Purvi

*** End Of Report ***

