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NABL Reg. No. MC-2491
Certificate No. MIS-2023-0218

Patient Name	: Mr.GUPTESHWAR PRASAD MALI	Visit No	: CHA250045843
Age/Gender	: 74 Y/M	Registration ON	: 15/Mar/2025 01:19PM
Lab No	**: 10143138**	Sample Collected ON	: 15/Mar/2025 01:19PM
Referred By	: Dr.ESIC HOSPITAL LUCKNOW	Sample Received ON	:
Refer Lab/Hosp	: ESIC HOSPITAL LUCKNOW	Report Generated ON	: 15/Mar/2025 05:01PM

PR.

COLOUR DOPPLER STUDY OF RIGHT LOWER LIMB VEINS & ARTERIES

Venous:

- Common femoral, superficial femoral, profunda femoris, popliteal and tibial veins Reveal normal calibre, clear lumen, normal velocity, spectral pattern and normal colour flow.
- There is normal phasicity, compressibility and augmentation response.
- There is not evidence of reflux at right sapheno-femoral and sapheno-popliteal junctions.
- No evidence of any deep vein thrombosis noted.

Arterial

- **Atherosclerotic changes are seen in anterior and posterior tibial arteries causing moderate luminal narrowing, however flow is maintained.**
- **Biphasic waveform is seen in posterior tibial and dorsalis pedis arteries.**
- Common femoral, superficial femoral, profunda femoris and popliteal arteries reveal normal calibre, clear lumen, normal velocity, spectral pattern and normal colour flow.

Colour Doppler study shows following indices-

	FLOW VELOCITY	WAVE PATTERN
Common femoral artery	84 cm/sec	Triphasic
Superficial femoral artery	56 cm/sec	Triphasic
Popliteal artery	36 cm/sec	Triphasic
Anterior tibial artery	63 cm/sec	Triphasic
Posterior tibial artery	61 cm/sec	**Biphasic**
Dorsal pedis artery	37 cm/sec	**Biphasic**

IMPRESSION:

- **Atherosclerotic changes in anterior and posterior tibial arteries causing moderate luminal narrowing.**

Clinical correlation is necessary.

DR. RAVENDRA SINGH, MD

(Transcribed by Rachna)

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