

Patient Name : Mr.LAXMI SHANKAR Visit No : CHA250036802
Age/Gender : 56 Y/M Registration ON : 01/Mar/2025 10:33AM
Lab No : 10134098 Sample Collected ON : 01/Mar/2025 10:33AM
Referred By : Dr.KGMU Sample Received ON :
Refer Lab/Hosp : CHARAK NA Report Generated ON : 01/Mar/2025 11:58AM

COLOUR DOPPLER STUDY OF BILATERAL LOWER LIMB ARTERIES

- Diffuse atherosclerotic changes are seen involving visualized parts of bilateral lower limb arteries causing mild to moderate luminal narrowing with maintained color flow.
- Visualized parts of bilateral common femoral, superficial femoral, popliteal, anterior tibial, posterior tibial arteries and right dorsalis pedis artery show triphasic spectral waveform with spectral broadening.
- Visualized part of left dorsalis pedis artery shows biphasic spectral waveform.

Colour Doppler study shows following indices-

	FLOW VELOCITY RIGHT	WAVE PATTERN	FLOW VELOCITY LEFT	WAVE PATTERN
Common femoral artery	106 cm/sec	Triphasic with spectral broadening	115 cm/sec	Triphasic with spectral broadening
Superficial femoral artery	110 cm/sec	Triphasic with spectral broadening	103 cm/sec	Triphasic with spectral broadening
Popliteal artery	84 cm/sec	Triphasic with spectral broadening	82 cm/sec	Triphasic with spectral broadening
Anterior tibial artery	70 cm/sec	Triphasic with spectral broadening	60 cm/sec	Triphasic with spectral broadening
Posterior tibial artery	60 cm/sec	Triphasic with spectral broadening	63 cm/sec	Triphasic with spectral broadening
Dorsal paedis artery	36 cm/sec	Triphasic with spectral broadening	37 cm/sec	Biphasic

IMPRESSION:

- **DIFFUSE ATHEROSCLEROTIC CHANGES IN VISUALIZED PARTS OF BILATERAL LOWER LIMB ARTERIES CAUSING MILD TO MODERATE LUMINAL NARROWING WITH EARLY HEMODYNAMIC CHANGES AS DESCRIBED.**

Clinical correlation is necessary.

[DR. JAYENDRA K. ARYA, MD]



Patient Name	: Mr.LAXMI SHANKAR	Visit No	: CHA250036802
Age/Gender	: 56 Y/M	Registration ON	: 01/Mar/2025 10:33AM
Lab No	: 10134098	Sample Collected ON	: 01/Mar/2025 10:33AM
Referred By	: Dr.KGMU	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 01/Mar/2025 11:58AM

*** End Of Report ***

