

Patient Name : Ms.RANJEETA SONKAR Visit No : CHA250040470
Age/Gender : 44 Y/F Registration ON : 06/Mar/2025 12:23PM
Lab No : 10137765 Sample Collected ON : 06/Mar/2025 12:23PM
Referred By : Dr.KGMU Sample Received ON :
Refer Lab/Hosp : CHARAK NA Report Generated ON : 06/Mar/2025 04:30PM

COLOUR DOPPLER STUDY OF BILATERAL LOWER LIMB VEINS AND ARTERIES

VENOUS:

- Bilateral common femoral, superficial femoral, popliteal and visualized parts of tibial veins reveal clear lumen and normal colour flow with normal phasicity, compressibility and augmentation response.
- *Bilateral anterior and posterior tibial veins could not be very well evaluated in complete extent.*
- There is no obvious reversal of color flow across bilateral sapheno-femoral junctions on valsalva maneuver.
- *Bilateral sapheno popliteal junction could not be very well evaluated.*

ARTERIAL:

- **Mild changes are seen involving visualized parts of bilateral lower limb arteries without significant luminal narrowing with maintained color flow and triphasic spectral waveform.**

Colour Doppler study shows following indices-

	FLOW VELOCITY RIGHT	WAVE PATTERN	FLOW VELOCITY BILATERAL	WAVE PATTERN
Common femoral artery	110 cm/sec	Triphasic	117 cm/sec	Triphasic
Superficial femoral artery	102 cm/sec	Triphasic	105 cm/sec	Triphasic
Popliteal artery	81 cm/sec	Triphasic	82 cm/sec	Triphasic
Anterior tibial artery	63 cm/sec	Triphasic	47 cm/sec	Triphasic
Posterior tibial artery	55 cm/sec	Triphasic	63 cm/sec	Triphasic
Dorsal paedis artery	24 cm/sec	Triphasic	30 cm/sec	Triphasic

IMPRESSION:

- **NO EVIDENCE OF DEEP VEIN THROMBOSIS IN VISUALIZED VEINS.**
- **MILD ATHEROSCLEROTIC CHANGES IN BILATERAL LOWER LIMB ARTERIES WITHOUT OBVIOUS SIGNIFICANT LUMINAL NARROWING OR HEMODYNAMIC CHANGES.**

Clinical correlation is necessary.

[DR. JAYENDRA K. ARYA, MD]

Transcribed by Gausiya



Patient Name	: Ms.RANJEETA SONKAR	Visit No	: CHA250040470
Age/Gender	: 44 Y/F	Registration ON	: 06/Mar/2025 12:23PM
Lab No	: 10137765	Sample Collected ON	: 06/Mar/2025 12:23PM
Referred By	: Dr.KGMU	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 06/Mar/2025 04:30PM

*** End Of Report ***

