

Patient Name : Ms. VANDANA Visit No : CHA250046997  
Age/Gender : 27 Y/F Registration ON : 17/Mar/2025 12:15PM  
**Lab No : 10144292** Sample Collected ON : 17/Mar/2025 12:15PM  
Referred By : Dr. JAGRITI HOSPITAL Sample Received ON :  
Refer Lab/Hosp : CHARAK NA Report Generated ON : 17/Mar/2025 01:36PM

**COLOUR DOPPLER STUDY OF LEFT LOWER LIMB VEINS AND ARTERIES**

**VENOUS:**

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

**ARTERIAL:**

- Subtle atherosclerotic changes are seen involving visualized parts of left lower limb arteries without obvious significant luminal narrowing with maintained color flow and triphasic spectral waveform.

**Colour Doppler study shows following indices-**

	FLOW VELOCITY LEFT	WAVE PATTERN
Common femoral artery	127 cm/sec	Triphasic
Superficial femoral artery	107 cm/sec	Triphasic
Popliteal artery	84 cm/sec	Triphasic
Anterior tibial artery	74 cm/sec	Triphasic
Posterior tibial artery	71 cm/sec	Triphasic
Dorsal pedis artery	46 cm/sec	Triphasic

**IMPRESSION:**

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

Clinical correlation is necessary.

[DR. JAYENDRA K. ARYA, MD]



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**SKIAGRAM BOTH KNEES AP [ STANDING ] AND LATERAL**

- Bone density is normal.
- Articular margins are smooth.
- Joint space is mildly reduced between lateral tibio-femoral compartments.
- Tibial spines are normal.
- No soft tissue calcification is seen.

**Clinical correlation is necessary.**

**[DR. RAJESH KUMAR SHARMA, MD]**

TRANSCRIBED BY: ANUP

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

**CHARAK**

