

ABI Vascular Doppler - VERSADOP Dx



The Ankle Brachial Index (ABI) is a measure of the severity of atherosclerosis in the legs but is also an independent indicator of the risk of subsequent atherothrombotic events elsewhere in the vascular system. The ABI may be used as a risk marker both in the general population free of clinical CVD and in patients with established CVD.

Continuous wave Doppler ultrasound is considered a reliable tool and was validated and accepted into routine medical practice. The literature recognises the importance of assessment in the management of a patient with chronic lower limb ulceration. The evidence from the medical literature indicates that a "normal" ABI is 0.91 or greater, a ratio below this indicating arterial disease.

Patients with DM may have calcified and hardened lower extremity arterial walls that cannot be readily compressed and occluded with blood pressure cuffs. This produces falsely elevated ankle pressure readings that are often in the "normal ABI range" (0.9 to 1.4) or sometimes in the non-physiological range of above 1.4. However, Calcified leg arteries in Diabetes Mellitus or dialysis patients may yield falsely elevated ABI results.

FEATURES:

- ◆ Doppler (C.W) with 8MHz Transducer
- ◆ Software to measure ABI
- ◆ ABI measurement as per TASC II guidelines
- ◆ Penile flow study
- ◆ Arterial and venous examinations made simple
- ◆ Software for complete arterial vascular profile
- ◆ Computer connectivity through USB enabled
- ◆ Software for data transfer, storage and patient report
- ◆ Software supports Windows Xp(SP3)/ Win 7/ Win 8/ Win10 operated PC
- ◆ Standards matching International standards

Diabetic Foot Care India Pvt Limited

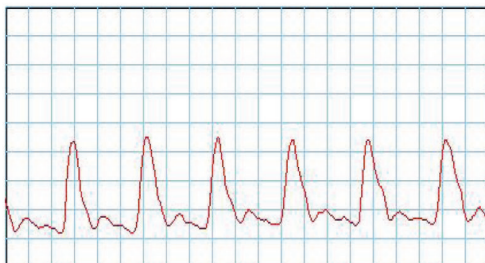
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Tel - 91-44-43564129/32514129 E-mail : mesmedi@gmail.com

ID : 001
Name : Mr.Manikandan
Age : 35 Yrs

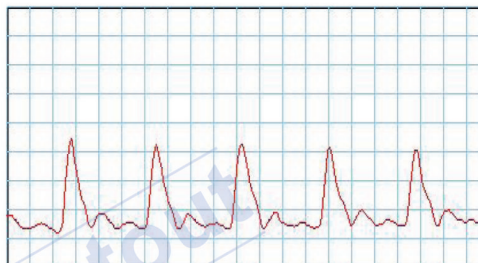
Gender : MALE
Date : 31/Dec/2014
Referral : Dr.Sumanth

Ankle Brachial Index Doppler Report

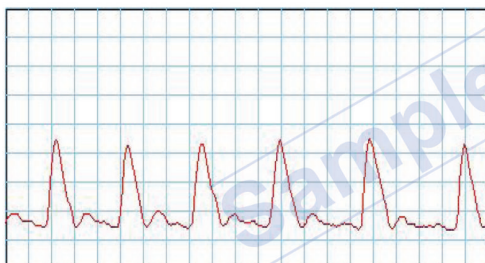
Right Brachial



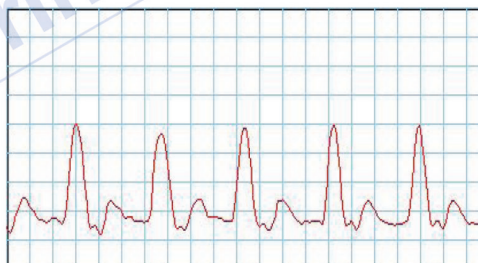
Left Brachial



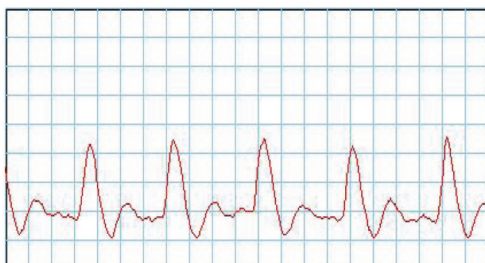
Right Posterior Tibial



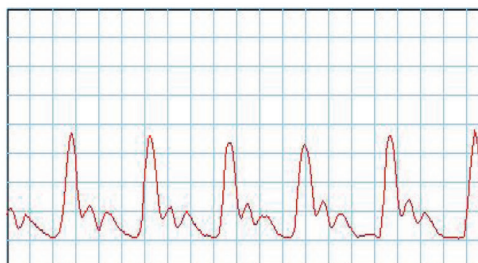
Left Posterior Tibial



Right Dorsalis Pedis



Left Dorsalis Pedis



Position	Brachial	PT	DP	ABI
Right	124	156	154	1.26
Left	124	143	143	1.15

TASC II Guideline for ABI

0.91 to 1.40 - NORMAL 0.71 to 0.90 - MILD PAD
0.41 to 0.70 - MODERATE PAD < 0.40 - SEVERE PAD
> 1.40 - INCOMPRESSIBLE (CALCIFIED) ARTERY

Interpretations :
Normal ABI study

Consultant: Dr.Panneerselvam
Specialisation: Diabetologist

NR-Not Recorded

Recorded using Versalab

www.diabeticfootcareindia.com



For more information contact

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