

Semi-automated Vascular Doppler Recorder for ABI / TBI - **VASOCHEK⁺**



Vascular Doppler Recorder model Vasocek+ is a non-invasive screening test that can be used to screen the blood flow through the blood vessels by using a very low power ultrasound technique.

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.

Velocity waveform recording is a noninvasive test that measures blood flow within the blood vessels or arteries. The first sign of possible abnormality is the absence of the diastolic notch. More significant occlusions will show a decreased slope of the ascending and descending segments and a rounding of the systolic peak. More serious obstructions will show flattened waveforms.

A photo-Plythsmogram (**PPG**) is an optically obtained Plythsmogram, a volumetric measurement of an organ. The PPG Toe blood pressure and related Toe Brachial Index (TBI) are performed to assess the vascular condition of the foot by obtaining systolic pressures at the toe. Toe pressures may be useful in cases of unsuspected vascular disease and in baseline diabetic foot assessment where falsely high ankle pressures can occur due to non-tactile tibial vessel.

FEATURES:

- ◆ Ankle Brachial Index and Toe Brachial Index
- ◆ Doppler (C.W) with 8MHz Transducer
- ◆ Photo-Plethysmography (PPG) Toe sensor
- ◆ Semi-automated system
- ◆ Software for ABI/TBI with Waveform
- ◆ Computer connectivity enabled
- ◆ Software for data transfer, storage and patient report
- ◆ Software supports Windows 7/8/10
- ◆ Standards matching International standards

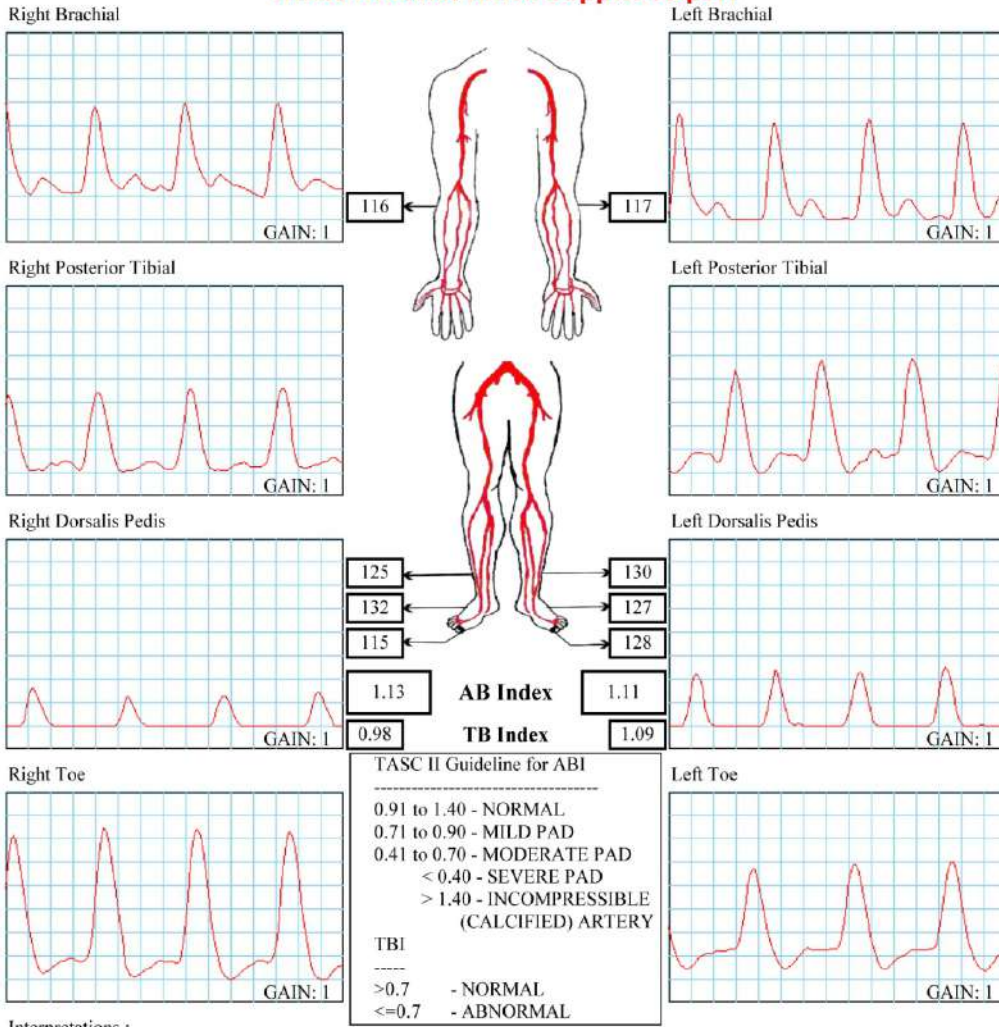
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ID : 311220141452
 Name : Mr.Manikandan
 Age : 56 Yrs

Gender : MALE
 Date : 02/Jan/2015
 Referral : Dr.Amudhan

Ankle Brachial Index Doppler Report



Interpretations :

Normal ABI study. Results to be clinically correlated.

Consultant: Dr.PanneerSelvam
 Specialisation: Diabetologist

BP values more than 230mmHg will not taken for ABI calculation.

Examiner: Kumar A

NR-Not Recorded

Recorded using Versafab

www.diabeticfootcareindia.com

For more information contact

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