



VASCULAR ASSESSMENT for medical compression

1-MINUTE ANKLE-BRACHIAL PRESSURE INDEX (ABPI)

STEP 1

IDENTIFY PATIENTS

INDICATIONS FOR ABPI ACCORDING TO NICE*:

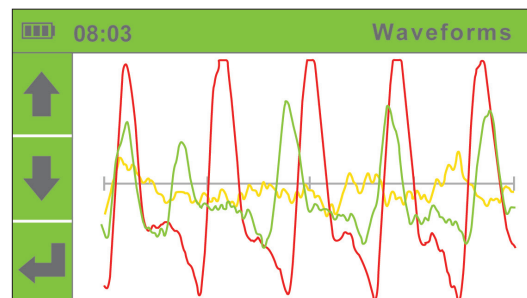
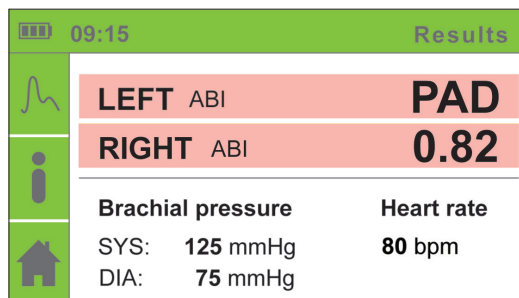
- Age 65 years or older
- Age 50 years and older with a history of smoking or diabetes
- Who have diabetes, non healing wounds on the legs or feet or unexplained leg pain
- Are being considered for interventions to the leg or foot
- Need to use compression hosiery

One should measure the ABPI in both legs in all new patients with PAD of any severity to confirm the diagnosis of lower extremity PAD and establish a baseline.

* The National Institute for Health and Care Excellence (NICE) guidelines.

STEP 2

1-MINUTE AUTOMATED ABPI WITH PULSE WAVEFORM RECORDING



STEP 3

DEFINE TREATMENT

VASCULAR RESULT

Abnormal low ABPI < 0.90

- Indication of PAD/LEAD
- Perform advanced vascular testing or refer to specialist

Normal ABPI 0.90-1.40

- Monitor risk factors/symptoms

Abnormal high ABPI > 1.40

- Indication of PAD/LEAD
- Perform advanced vascular testing or refer to specialist

SAFE MEDICAL COMPRESSION

Venous Ulcer ABPI > 0.81

- High compression
- 30-40 mmHg is advised

Mixed Ulcer ABPI 0.80-0.51

- Modified low compression
- 23-30 mmHg is advised

Arterial Ulcer ABPI < 0.50

- Refer for vascular treatment