

SMART-LEDA SYSTEM

LOWER EXTREMITY DISEASE ASSESSMENT NEUROPATHIC + VASCULAR

SMART-LEDA DEVICE SUMMARY

**Test for both neuropathic or vascular causes
of the lower extremity disease with one device**

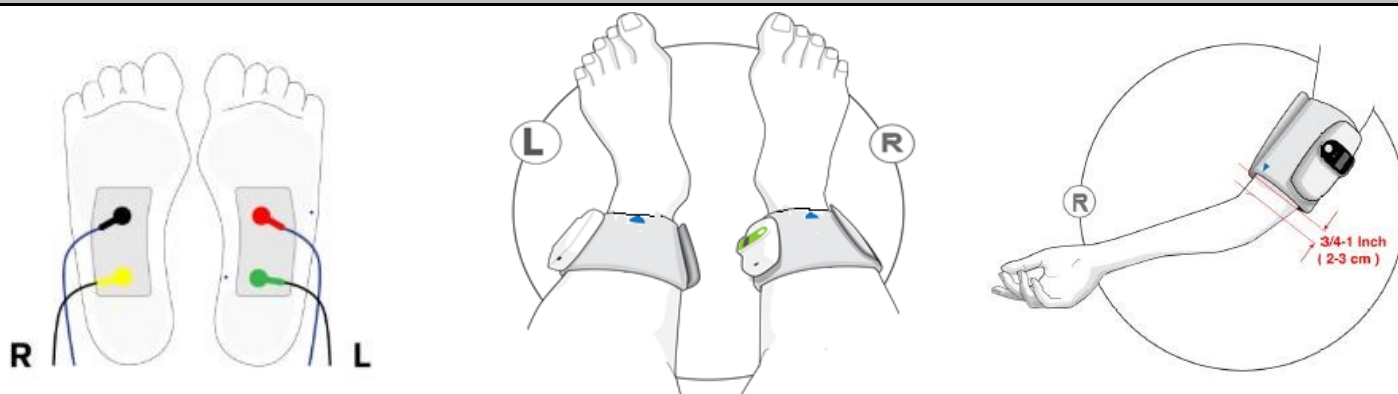
ASSESSMENTS:

- ◆ VASCULAR FUNCTION
- ◆ AUTONOMIC NERVOUS SYSTEM (ANS)

RAPID MEASUREMENTS:

- ◆ ANKLE BRACHIAL PRESSURE INDEX (ABI)
- ◆ PULSE VOLUME RECORDING (PVR)/VOLUME PLETHYSMOGRAPHY
- ◆ MICROCIRCULATORY RESPONSE (mV)
- ◆ SMALL C-FIBER RESPONSE (mV)

SMART-LEDA PATIENT SETUP



SMART-LEDA INTENDED USE

- ◆ Measurement of **Ankle Brachial Indices** for the screening of Peripheral Artery Disease. (PAD)
- ◆ Measurement of the Galvanic Skin response related to the **sudomotor function** (*including peripheral small fiber neuropathy and microcirculatory disorders*)

SMART-LEDA MAIN MARKERS

VASCULAR FUNCTION ASSESSMENT

- ◆ Arterial stiffness and Ankle Brachial Indices from the Volume plethysmography

AUTONOMIC NERVOUS SYSTEM ASSESSMENT

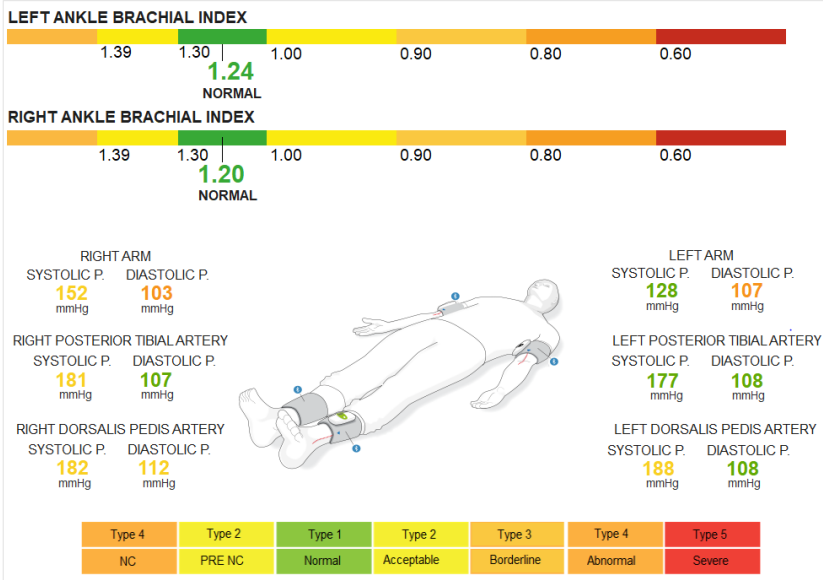
- ◆ Sudomotor Function Markers

SMART-LEDA SYSTEM

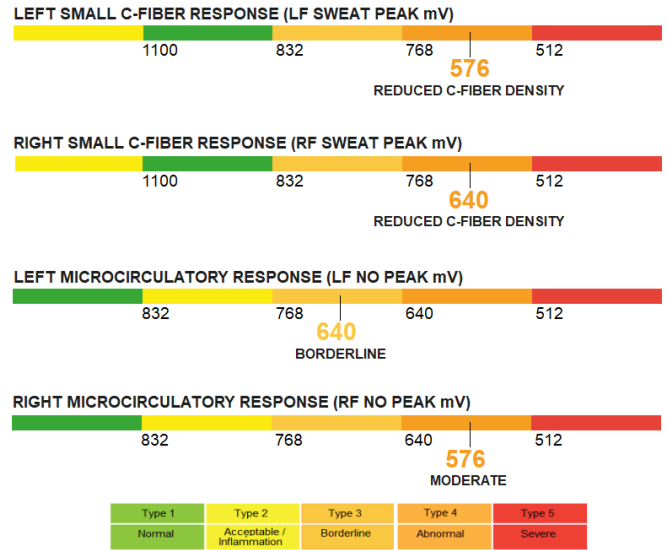
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SMART-LEDA RESULTS — “AT REST MEASUREMENT”

LOWER EXTREMITY ARTERY ASSESSMENT

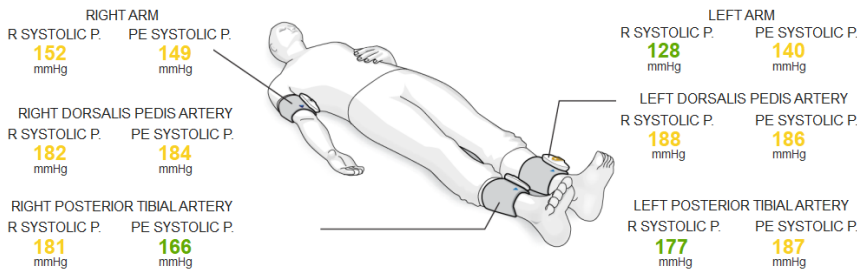
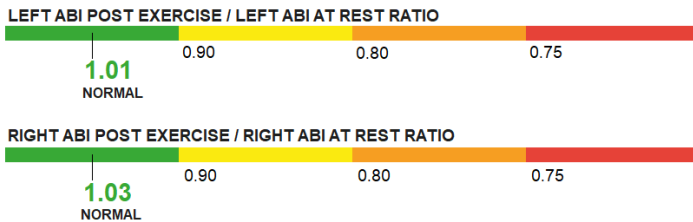


FOOT MICROCIRCULATORY AND SMALL C-FIBER RESPONSE



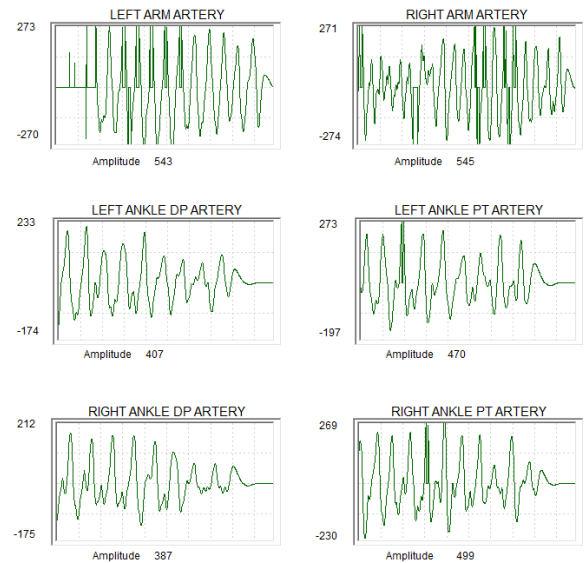
SMART-LEDA RESULTS — “POST EXERCISE ANALYSIS”

ABI POST EXERCISE ANALYSIS



R = At Rest, P = Pressure, and PE = Post Exercise

POST EXERCISE VOLUME PLETHYSMOGRAPHY RECORDS



DP = Dorsal Pedis, PT = Posterior Tibial.

TEST EDUCATE PREVENT

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