VICORDER Tests – Your Complete Vascular Lab

Doppler
- Bidirectional Spectral Analysis Doppler
- 5 and 8 MHz probes
- Anatomically guided testing protocol, preset for standard tests or user programmable
- Extracranial testing – Carotid Doppler
- Peripheral-vascular testing, arterial and venous
- Systolic pressures, segmental pressures
  - Ankle Brachial Pressure Index (ABI), Toe Brachial Pressure Index (TBI)

PPG (Pulse Photo Plethysmography)
- Recording of pulse waves of fingers and toes (Pulse Oscillography)
- Systolic pressures, segmental pressures
  - Ankle Brachial Pressure Index (ABI), Toe Brachial Pressure Index (TBI)
- Infusion or deflation technique

PVR (Pulse Volume Recording, Plethysmography)
- High resolution recording of pressure wave forms in each segment
- Oscillometric blood pressure measurement, inflation technique
- Ankle Brachial Pressure Index (ABI) by oscillometry

Aortic Pulse Wave Velocity aPWV
- Simultaneous recording of pressure wave forms at
  - Carotid and femoral arteries
  - or any other two suitable vessel sites, such as brachial and femoral arteries
- Determination of transit time and (aortic) PWV

Aortic Pulse Wave Analysis – Central aortic Pressures
- Recording and display of brachial and central aortic pressure wave forms
- Determination of brachial and central aortic systolic and diastolic pressures
- Augmentation Index Aix, Augmentation pressure, central pulse pressures
- Subendocardial Viability Ratio (SEVR) – diastolic work
- Cardiac Output and Stroke Volume, Total Peripheral Resistance

Venous Tests
- Venous Reflux (Venous flaps patency, Light Reflection Rheography LRR)
- Venous Outflow (Occlusive Plethysmography)

Endothelial Function (EndoCheck FMS)
- Operator independent testing replacing FMD (Flow Mediated Dilation)

Additional Tests
- Stress test – Determination of pressures and ABIs pre/post exercise
- Thoracic Outlet Syndrome (TOS) test
- Raynaud Syndrome, cold water immersion and provocation test
- Penile dysfunction test, vasculogenic impotence testing

Availability of tests may depend on VICORDER instrument configuration and license.

Information and Service:
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