

The Vista AVS and Vista ABI™ System for Greater Versatility and Accuracy

The Advanced Vista AVS Conducts Single-level ABI, Seated ABI, TBI, and Segmental Studies

The Vista AVS is a robust, highly versatile system ideal for conducting, interpreting and documenting ABI, TBI, and segmental studies with three modalities. An 8 MHz bi-directional Doppler probe can be used to obtain systolic pressure and ankle waveforms required for reimbursement*. Pulse Volume Recording (PVR) quickly captures ankle waveforms. A third modality, photoplethysmography (PPG) probe measures pressures for Toe Brachial Index (TBI) and segmental exams. The Vista AVS vascular system features:

- Segmental studies to help locate blockage or narrowing following single-level ABI exam
- Bi-directional Doppler, PVR and PPG modalities
- Automatic ABI, TBI, and segmental calculations
- Performs seated ABI exams for mobility impaired patients
- Obtains dual-ankle pressures, Posterior Tibial (PT), and Dorsalis Pedis (DP) arteries
- Software for reporting, annotating, storage, printing, and interfacing with EMR
- 9 cuffs with automatic inflation/deflation to speed up and customize segmental studies
- Optional 5 MHz bi-directional probe provides deeper penetration on larger patients

The Vista AVS accommodates both standard and custom protocols. Easy-to-follow test sequences and handheld controller make navigating this system quick and simple.

* Exam may meet CPT requirements as defined in the AMA CPT manual.

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Vista AVS and ABI

s Offer More Modalities

The Easy-to-use Vista ABI Performs Single-level ABI, Seated ABI, and Optional TBI

The Vista ABI system conducts single-level ABI exams and seated ABI exams* using the bi-directional Doppler probe or PVR. An optional PPG probe measures toe pressures for the TBI. The Vista ABI features:

- PVR and bi-directional Doppler modalities
- Graphic waveform display with easy to follow test sequence
- 4 cuffs with automated inflation/deflation
- Optional PPG probe package
- Optional reporting software package



Doppler

The bi-directional Doppler probe, long considered the gold standard for ABI exams used to obtain systolic pressures and waveforms.



PVR

PVRs can be used to obtain peripheral arterial waveforms with blood pressure cuffs.



PPG

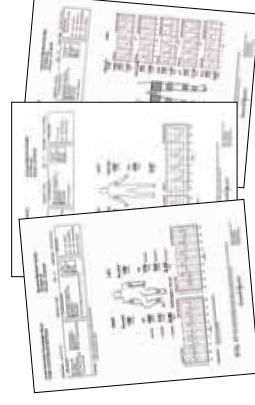
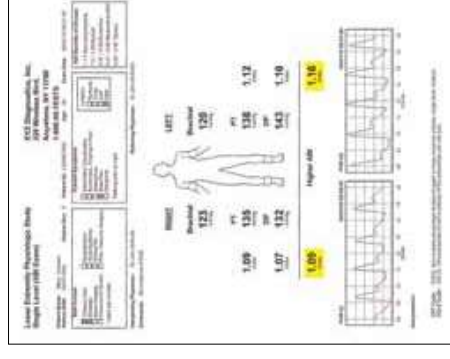
PPG probe detects small changes in blood volume. Using a toe cuff, the PPG probe measures toe pressures in patients with noncompressible arteries. The PPG probe can be used to measure toe and brachial pressures for the TBI exam. PPG probes are also used to obtain toe pressures for segmental studies.

* Patent: US 20090099465A1

Reporting Software

The Vista AVS includes PC software for full-page reporting, exam data storage, and integration with leading EMR systems. A download option is available for the Vista ABI.

ABI Severity of Disease
>1.4 Non-compressible
1.0 - 1.4 Normal
0.91 - 0.99 Borderline
0.41 - 0.90 Moderate to Mild
0.00 - 0.40 Severe



** 2011 ACCF/AHA Focused update of the Guideline for the Management of Patients with Peripheral Artery Disease (Updating the 2005 Guideline)