



SummitDoppler
Listening to Life™

Fast, reimbursable diagnosis of
Peripheral Arterial Disease.

Solutions for the
Diagnosis of
Vascular Disease...

from professionals
you know and trust.



LifeDop

Summit Doppler Reimbursable Vasc

Peripheral Arterial Disease (P.A.D.) is a common condition that affects 8-12 million people in the U.S. every year. It is characterized by the narrowing of the arteries in the legs caused by plaque build-up, which leads to claudication of the arteries. The disease process is often referred to as Atherosclerosis.

P.A.D. is serious.

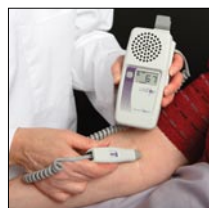
P.A.D. is a serious under-diagnosed, under-treated disease. However, both public and professional awareness of P.A.D. and its diagnosis and treatment are rapidly increasing. Additionally, equipment using Doppler ultrasound for the diagnosis of P.A.D. is becoming easier to use, less expensive to acquire and reimbursable. Thus, many health care providers are adding this equipment to their practice. These include general practice, cardiologists, internists, interventional radiologists, podiatrists, endocrinologists and many other groups.

Undetected P.A.D. is associated with a two to three fold increase in mortality and a three to five fold increase in heart attack and stroke, along with severe declines in quality of life. In fact, a P.A.D. patient is more likely to die in the next five years than someone with breast cancer or coronary heart disease.

Additionally, P.A.D. is the leading cause of leg amputation and is more common than heart disease, cancer and stroke. Risk factors include age, diabetes, heart disease, hypertension, and smoking. All of these risk factors are cumulative.

How do you test for P.A.D.?

The most common test to diagnose P.A.D. is the Ankle Brachial Index (ABI) examination. The ABI is a simple, non-invasive test performed with a Doppler and blood pressure cuffs. The test measures the systolic pressures at the lower and upper extremities. If the ankle systolic pressure is lower than the arm systolic pressure, the patient could have some stage of P.A.D. A quick calculation chart is used to determine the severity of P.A.D. Summit Doppler provides a video explaining the test and interpretation of the results.



ular Testing Systems



Awareness & Opportunity

With 8 to 12 million Americans affected by P.A.D., and the number increasing each year, detection and diagnosis is coming to the forefront of medical practices. Remarkably, many of those with P.A.D. and their physicians don't recognize it – the patient interprets the leg pain as a part of the normal aging process, or a symptom of arthritis or other related problems.

The American Heart Association (AHA) and American Diabetes Association (ADA) have both recommended annual ABI screenings for patients with Type 1 Diabetes, patients over 70, or patients over 50 at high risk. "Stay in Circulation: Take Steps to Learn About P.A.D." is the first national awareness campaign to increase public awareness of P.A.D. and its association with other cardiovascular diseases. It was developed to raise awareness by the National Institute of Health (NIH), through the National Heart, Lung, and Blood Institute (NHLBI) and in cooperation with the P.A.D. Coalition, alliance of national organizations and professional societies.

Why Summit Doppler Systems?

Summit Doppler offers fast, economical solutions for obtaining the ABI for the diagnosis of P.A.D. that meet reimbursement criteria.

LifeDop 250 ABI System

- Fast, waveform printout on adhesive-backed label paper for easy placement on reimbursement report forms
- Affordable, ultra-portable Doppler and printer with cable and recharger
- Display shows blood flow direction and relative frequency of the signal
- Automatic scaling and calibration
- Sensitive, bi-directional probe and hand-held Doppler



Vista AVS (Advanced Vascular System)

ABI and other arterial exams are now FASTER and EASIER to conduct, interpret and document!

- 3 modalities: PVR, bi-directional Doppler probe and arterial PPG
- Automatic cuff inflation/deflation, ABI and TBI calculation with battery or line-powered operation
- USB interface to PC (download capability) and software with full page reporting and report storage (optional)
- Graphic waveform display with step-by-step ABI instructions
- Designed to accommodate standard ABI and custom protocols
- Built-in printer uses adhesive-backed label paper



Quick Return on Investment

*The LifeDop Vascular Testing Systems pay for themselves in as little as three weeks. The diagnosis of Peripheral Arterial Disease (P.A.D.) is reimbursable under CPT code 93922 at an average of \$95/exam!**

(Reimbursement varies state-to-state)

** Average based on published Medicare Fee Schedules, CMMS Part B contractors, 2007.*



Main Units

Probe Choices: Vascular: 4, 5, 8 & Bi-directional 5, 8 – Obstetrical: 2, 3, 2 Waterproof & EchoHeart

Model	Description	Interchangeable Probes	Rechargeable Batteries	LCD Display	Printer	PPG/PVR	Auto-mated Cuff Control	Optional PC Software*
L500VA	Vista AVS Full-Featured ABI System	✓	✓	✓	✓	✓	✓	✓
L250AC	Portable ABI System with Printer	✓		✓	✓			
L350R	Table-Top Display with Recharger & Dual Speakers	✓	✓	✓				
L250AR	Display Doppler w/Recharger & Audio Recorder	✓	✓	✓				
L250R	Display Doppler with Recharger	✓	✓	✓				
L250	Display Doppler	✓		✓				
L150A	Non-Display Doppler w/Audio Recorder	✓						
L150R	Non-Display Doppler with Recharger	✓	✓					
L150	Non-Display Doppler	✓						

* AVS Report Software (Model # L510V1) is an optional feature for the Vista AVS that allows a clinician to download exam results, annotate patient data, add interpretation/comments, store patient data and print a patient exam report.

We offer a complete range of pressure cuffs to meet your vascular exam requirements.

Probes

LifeDops have interchangeable probe capabilities so you can choose the best probe or probes for your needs.

Model	Description
	Frequency of Operation and Intended Use
SD8B**	8 MHz – Bi-Directional Vascular Probe – Narrow sensitive beam – for bi-directional systems only
SD5B**	5 MHz – Bi-Directional Vascular Probe – Medium width beam for deep vessels – for bi-directional systems only
SD8	8 MHz – Vascular Probe – Narrow sensitive beam for sensitivity and vessel location
SD5	5 MHz – Vascular Probe – Medium width beam for deep vessels
SD4	4 MHz – Vascular Probe – Optimized for easy location of flow with broad flat beam
SD3	3 MHz – Obstetrical Probe – For early fetal heart beat detection & overall use
SD2	2 MHz – Obstetrical Probe – Optimized for deep penetration
SDW	2 MHz – Obstetrical Waterproof Probe – Optimized for deep penetration
SDE	5 MHz – EchoHeart Transvaginal Obstetrical Probe – Earliest Fetal Heart Detection

** Bi-directional probes are used and interchangeable only with the L250ABI System and Vista AVS. Non-directional probes are used and interchangeable only with the L150 Series, L250 Series and L350 Series Dopplers.

Summit Doppler: Our Commitment to You

At Summit Doppler Systems, we are committed to using our extensive knowledge and decades of experience in Doppler ultrasound technology to provide our customers with superior diagnostic products and comprehensive service. Customer satisfaction is our highest priority and we stand behind all of our products with prompt shipment and a one-year full warranty. With continuous research and development, we strive to provide new technologies to better serve the needs of health care providers and their patients.

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