

PADnet^{TM+} **for Endocrinologists**



PADnet^{TM+} Arterial Testing

PADnet^{TM+} Venous Testing

PADnetTM+

BioMedixTM Solutions for Endocrinologists

A Collaborative Approach

BioMedixTM supports Endocrinologists with dedication to prolonging and enhancing life through the early detection of vascular disease. BioMedixTM helps to build Endocrinology centers of excellence for patient care by providing the only integrated suite of hardware, Health Information Technology (HIT) software, Electronic Health Records (EHR), advanced practice management and cloud-based solutions designed to cost-effectively detect Peripheral Artery Disease (P.A.D.) and Chronic Venous Insufficiency (CVI), while providing a fair financial return.

Peripheral Artery Disease (P.A.D.) and Diabetes

Over 10 million Americans have P.A.D. Without proper treatment, 30% are likely to die within five years of P.A.D.-related heart attack or stroke.¹ Diabetes is one of the strongest predictors for P.A.D. and its associated complications, including higher mortality and amputation.² In fact, diabetic patients are seven to fifteen times more likely than non-diabetic patients to undergo a major amputation due to lower extremity P.A.D.³ In individuals with diabetes, P.A.D. is underdiagnosed and undertreated, leading to increased risk of mortality and morbidity.⁴ These facts can be changed by connecting Endocrinologists to vascular specialists to optimize collaborative patient care with the use of PADnetTM+

PADnetTM+ Arterial Testing

Because many patients with diabetes suffer from loss of sensation in the lower extremities, they may not complain of symptoms of P.A.D. until disease has become severe. With early identification of P.A.D. and appropriate preventative care measures, risk of amputation can be greatly reduced.

PADnetTM+ is an easy to use system that uses automated means to obtain Ankle-Brachial Index (ABI) values, Toe-Brachial Index (TBI) values, Segmental Pressures (SBI) and Pulse Volume Recording (PVR) waveforms. In just 15 to 20 minutes during an office visit, these non-invasive tests help identify obstructive disease and determine whether medical or surgical treatment is necessary.

Diabetic patients may have non-compressible ankle pressure measurements as a result of vascular calcifications. Because PADnetTM+ testing technology offers multiple testing modalities, including TBI and PVR, it ensures that diabetic patients can be tested effectively.



PADnetTM+ saves time and travel by sending test results instantly via the web for interpretation by a vascular specialist of your choice. Vascular specialists can review results at their convenience, from any secure internet connection in the world.

Two mouse clicks sends the patient's demographic, history, risk factors and test data quickly and securely, ensuring fast, error-free transmission while maintaining HIPAA compliance.

Claims submission for PADnetTM+ tests meet the requirements for CPT[®] codes 93922, 93923 and 93924 (optional post-exercise testing), given approved physical signs and symptoms⁶, providing a fair financial return.

1. Hirsch, A.T. (2001). Peripheral arterial disease detection, awareness and treatment in primary care. *JAMA*, 281(11), 1317-1324.
2. Shamma, W. (2007). Epidemiology, classification, and modifiable risk factors of peripheral arterial disease. *Vascular Health and Risk Management*, 3(2), 229-234.
3. Most RS, Sinnock P. (1983). The epidemiology of lower extremity amputations in diabetic individuals. *Diabetes Care*, 6, 87-91.
4. Mitka, M. (2004). Diabetes group warns vascular complication is underdiagnosed and undertreated. *JAMA*, 291(7), 809-810.
5. Current Procedural Terminology (CPT[®]) is copyright 2011 American Medical Association (AMA). All rights reserved. No fee schedules, basic units, relative values or related listings are included in CPT[®]. The AMA assumes no liability for the data contained herein. CPT[®] is a registered trademark of the American Medical Association. References to CPT[®] codes herein are not intended to convey any endorsement or sponsorship by, or affiliation with, the AMA.

Patients with P.A.D. and Diabetes

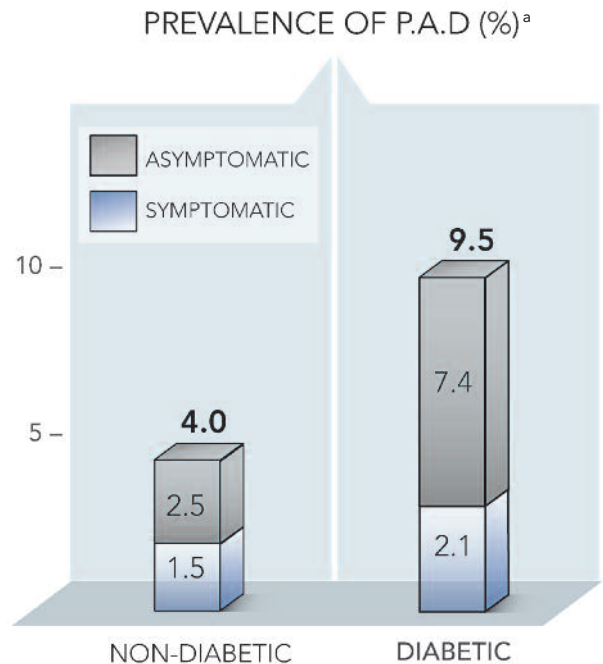
Endocrinologists may see many patients who are at risk for asymptomatic P.A.D.

The prevalence of P.A.D. is more than two times higher in individuals with diagnosed diabetes, with almost three times greater prevalence of asymptomatic disease, in comparison with the overall population.^a

Prevalence increases with age; an estimated one out of every three people over the age of 50 with diabetes also has P.A.D.^b

a. Gregg, E., et al (2004). Prevalence of lower-extremity disease in the U.S. adult population >40 years of age with and without diabetes.: 1999-2000 national health and nutrition examination survey Diabetes Care, (27) 5, 678-683.

b. American Diabetes Association. (2011). Living with diabetes: Peripheral arterial disease (PAD). <http://www.diabetes.org/living-with-diabetes/complications/peripheral-arterial-disease.html>



PADnet™+ Venous Testing

By the age of 50, nearly 40% of women and 20% of men have significant leg vein problems. An estimated 20 to 25 million Americans have varicose veins.⁶ Overweight patients who are already being treated for Type 2 diabetes may also be affected by CVI. This presents a significant opportunity for Endocrinologists.

PADnet™+ Venous is a non-invasive test that can be completed in just five to ten minutes during an office visit. Venous refill testing helps to identify problems affecting venous circulation and determine whether medical or surgical treatment is necessary. This exam falls under CPT® code 93965⁶, given approved physical signs and symptoms.

The PADnet™+ system is supported by a complete Marketing Launch Kit, which includes Arterial and Venous module resources to help Endocrinologists promote these new services.

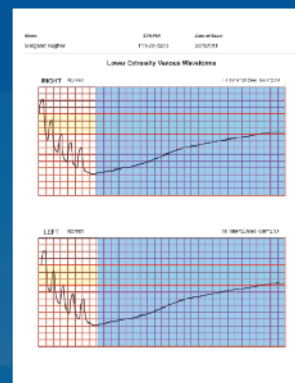
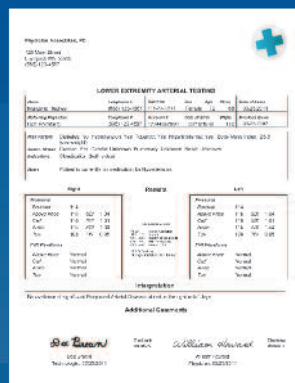
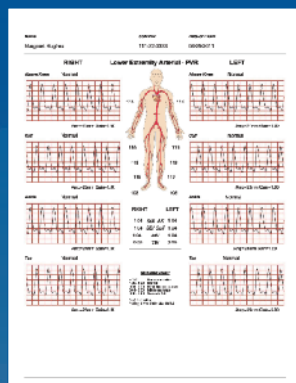


6. Vascular Disease Foundation. (2010). Chronic venous insufficiency: what is it? <http://www.vdf.org/diseaseinfo/cvi/>

Easy to Use Reports

Full color reports show PVR or Venous refill waveforms and test summary information.

Report images are for illustration purposes only and may vary.



Arterial Report and Test Summary

Venous Report and Test Summary



**Integrated Solutions for Better Care
and Better Business Performance**

About BioMedix™

BioMedix™ is a leader in Health Information Technology (HIT) software, products and services that connect Endocrinologists, Primary Care Physicians, vascular labs, vascular specialists and healthcare systems in a continuum of collaborative care.

We provide the only integrated suite of hardware, software and online services designed to cost-effectively detect vascular disease. Our award-winning suite of medical devices, advanced practice management and Electronic Health Record (EHR) software, and cloud-based solutions give providers a more complete view of patient care.

PADnet™+

PADnet™+ is an easy to use diagnostic system for non-invasive P.A.D. and CVI testing in community care settings. Endocrinologists collaborate with vascular specialists to optimize patient care with the use of PADnet™+.

BioMedix™ products are designed to share information and work together in a continuum of care:

PADnet™+ easy to use in-office vascular diagnostic device for non-invasive Peripheral Artery Disease (P.A.D.) and Chronic Venous Insufficiency (CVI) testing.

PADnet™ Disease Management System 2.0 collaborative care program for developing best practices for vascular program planning and growth.

TRAKnet™ Lab software improves lab efficiency and supports ICAVL accreditation.

TRAKnet™ Outcomes tracking software improves financial and therapeutic outcomes.

TRAKnet™ PM practice management and EHR solution works seamlessly with PADnet™+ and the full suite of BioMedix™ software and products.

All content in this document is for informational purposes only and is not intended to provide instructions for providers as to how to bill for medical procedures. Payment for listed services from any insurer is not guaranteed. Providers are advised that private insurance carriers and government payers have medical necessity policies regarding when the listed services are considered medically necessary. These policies may vary between carriers. Providers should check coverage requirements with specific insurance plans before testing.

BioMedix™ | St. Paul, MN 55101 | www.BioMedix.com
Tel (651) 762-4010 | Toll Free (877) 854-0014 | info@BioMedix.com

© 2011 BioMedix™ | ML-148 Rev A Aug 2011 | TRAKnet™ and PADnet™ are trademarks of BioMedix™

