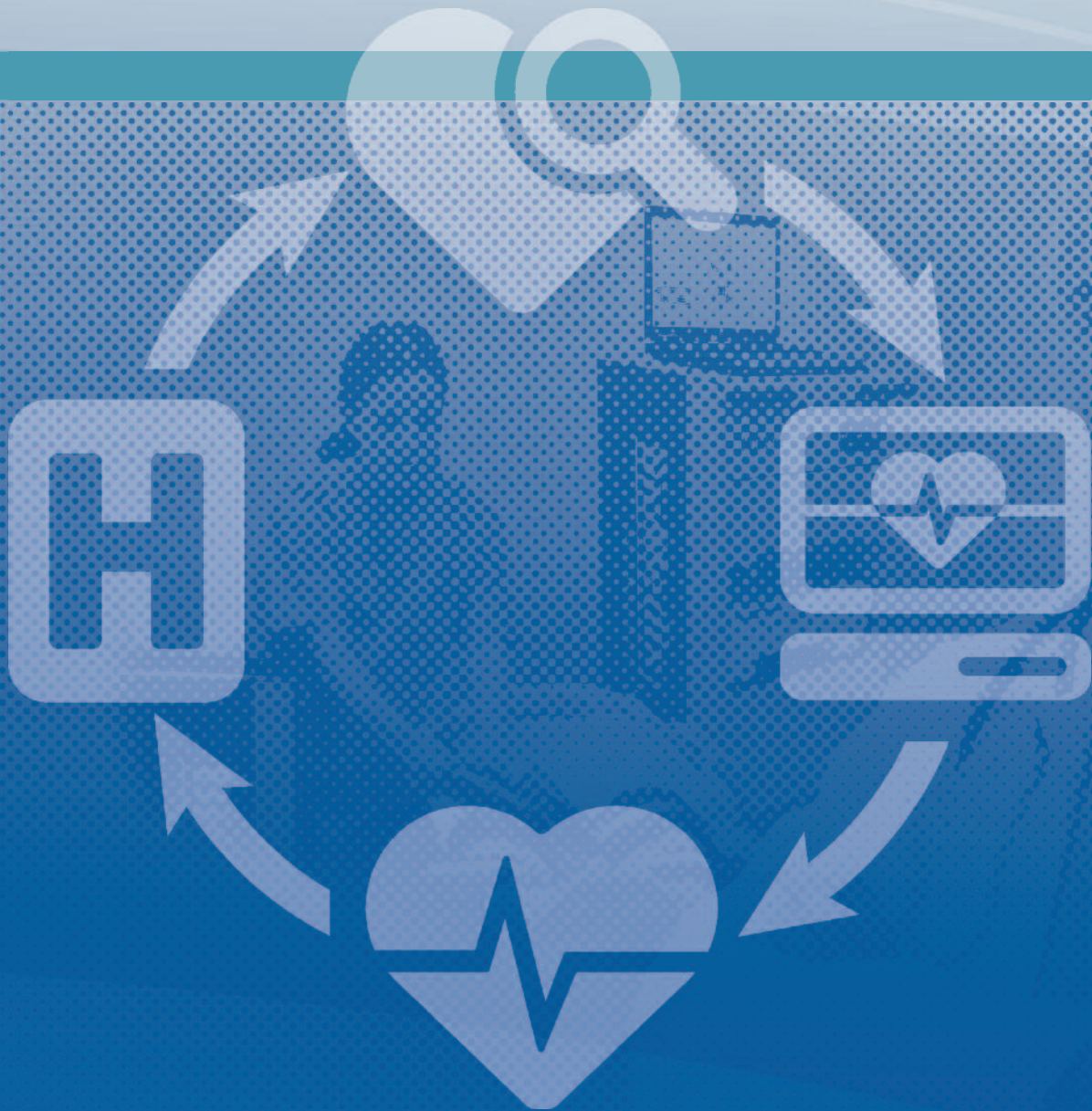


PADnet^{TM+} for Nephrologists



PADnet^{TM+} Arterial Testing

PADnet^{TM+} Venous Testing

PADnet™+

BioMedix™ Solutions for Nephrologists

A Collaborative Approach

BioMedix™ supports Nephrologists with dedication to prolonging and enhancing life through the early detection of vascular disease. BioMedix™ helps to build Nephrology centers of excellence for patient care by providing the only integrated suite of hardware, 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 Chronic Kidney Disease (CKD)

Over 10 million Americans have P.A.D.¹ and approximately 19 million U.S. adults have Chronic Kidney Disease.² P.A.D. is very common in the CKD population, with prevalence rates of 24% to 37%.³ Patients with impaired renal function have a greater than two-fold risk for developing P.A.D.⁴ Studies indicate that patients with both CKD and P.A.D. have a significantly higher risk of death than patients with either disease alone, even at mild to moderate stages.³ P.A.D. is extremely underdiagnosed, and only 25% of those diagnosed are undergoing treatment.⁵ These facts can be changed by connecting Nephrologists to vascular specialists to optimize collaborative patient care with the use of PADnet™+.

PADnet™+ Arterial Testing

PADnet™+ 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.

BioMedix™ provides a patient screening tool to identify patients that need to be tested for P.A.D. and establish medical necessity. Dialysis patients and those with advanced CKD may have elevated measurements as a result of vascular calcifications. Because PADnet™+ testing technology offers multiple testing modalities, including TBI and PVR, it ensures that dialysis and CKD patients can be tested effectively.



PADnet™+ 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 PADnet™+ 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., et al. (2001). Peripheral arterial disease detection, awareness and treatment in primary care. *JAMA*, 281(11), 1317-1324.

2. Coresh J, et al. (2003). Prevalence of chronic kidney disease and decreased kidney function in the adult US population: Third National Health and Nutrition Examination Survey. *Am J Kidney Dis*, 41,1-12.

3. Liew, YP, et al. (2008). Combined effect of chronic kidney disease and peripheral arterial disease on all-cause mortality in a high-risk population. *CJASN*, 3(4), 1084-1089.

4. United States Renal Data System. (2004). Excerpt from the usrds 2003 annual data report: atlas of end-stage renal disease in the united states. *Am J Kidney Dis*, 42, 51-5226.

5. Becker GJ, et al. (2002). The importance of increasing public and physician awareness of peripheral arterial disease. *J Vasc Interv Radiol*, 13(7)-11.

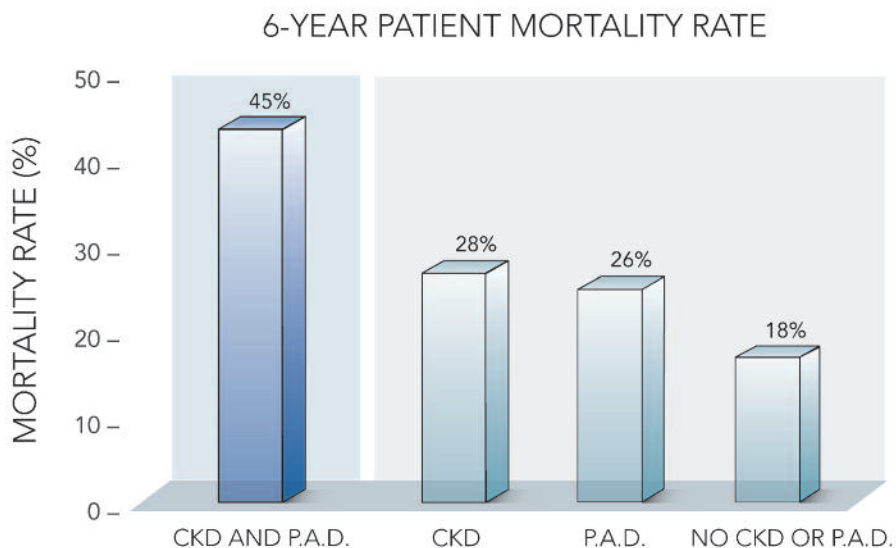
6. Current Procedural Terminology (CPT®) is copyright 2011 American Medical Association (AMA). All rights reserved. No fee schedules, basic units, relative values or related listings are included in CPT®. The AMA assumes no liability for the data contained herein. CPT® is a registered trademark of the 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 CKD

Nephrologists may see many patients who are at risk for P.A.D. because of the strong correlation between kidney diseases (such as CKD) and vascular disease.

The six-year mortality rate for patients with both CKD and P.A.D. is approximately 45%.

Liew, YP, et al. (2008). Combined effect of chronic kidney disease and peripheral arterial disease on all-cause mortality in a high-risk population. *CJASN*, 3(4), 1084-1089.



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.⁷

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 Nephrologists promote these new services.

“PADnet™+ is a simple and clinically useful test for the diagnosis of CVI.”

DR. TOM FOGARTY

Inventor of the medical industry standard balloon embolectomy catheter.

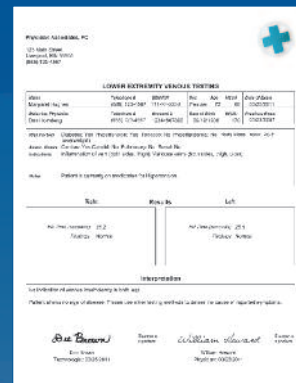
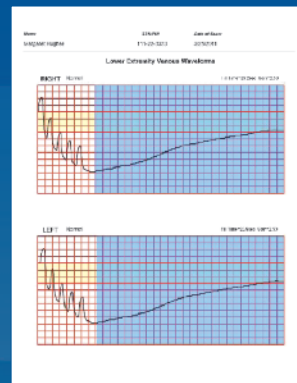
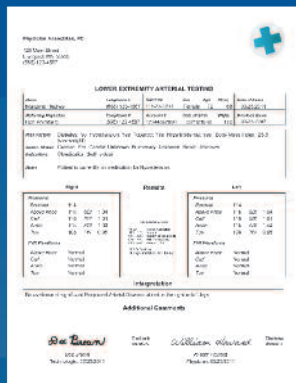
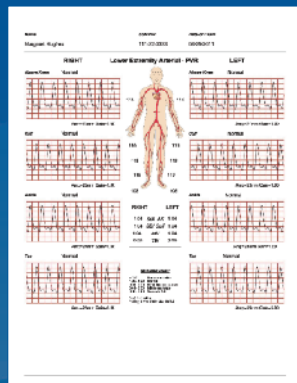


7. Vascular Disease Foundation. (2010). Chronic venous insufficiency: what is it? <http://www.vdf.org/diseaseinfo/cvi/>

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 Nephrologists, 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. Nephrologists collaborate with vascular specialists to optimize patient care with the use of PADnet™+. When integrated with TRAKnet™ Lab or TRAKnet™ Outcomes, PADnet™+ provides a complete vascular solution for Nephrologists.

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.

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