



Podimetrics helps save Veterans from potential amputation, by using Remote Temperature Monitoring to help patients with diabetes preserve functionality, conduct daily activities, and pursue an active lifestyle.

When we shift the approach from treatment to prevention, we empower Veterans, improve outcomes, and save lives.

- **Jonathan Brantley, DPM**
Chief of Podiatric Medicine and Surgery, Richmond VA Medical Center

The Problem

- Every 20 seconds a limb is lost to diabetes, and Diabetic Foot Ulcers (DFUs) are one of the most common and debilitating complications of this disease.
- The VA recognizes the importance of preventive care for at-risk Veterans through Podimetrics, and wanted to validate the program's value to continue its funding.

The Resources

- Today, every Veteran who receives VA care and meets the clinical criteria can receive a SmartMat™ for Remote Temperature Monitoring (RTM).
- Using the [VA-DiMe value-driven framework](#) for evaluating healthcare innovations, VA learned RTM program yields value in providing more effective diabetes care through timely prevention and clinical action.
- Over time, RTM's prevention of amputations and subsequent care requirements will likely result in improved cost-avoidance from hospital admissions, a reduction in lower limb amputations, and improved patient outcomes and quality of life.

The Impact

- ✓ With Podimetrics' easy to use SmartMat™, a patient steps on the mat in their home for 20 seconds per day. The mat detects temperature changes in the foot, which are associated with early signs of inflammation, often a precursor to DFUs.
- ✓ The SmartMat™ improves effectiveness through real-time ulcer monitoring by 97% early detection of DFU 5-weeks before the onset of symptoms.
- ✓ Improves efficiency through cost avoidance related to lower limb amputations, hospital admissions (52%), ER visits (40%), and recurring treatment expenditures.

