



MediStep™



By HSR Innovations, LLC

Full control of your Foot Health with MediStep™

SEE | MEASURE | SHARE



Design & Manufacturing Partner

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About HSR Innovations, LLC

Medical Self-Help

MediStep™

A self foot ulcer examination system that comes with an integrated smart phone holder, remote, and mirror. See, measure, and share pics with physician for further assessment

Patent Pending

Personal Care

QikPediStep™

A self Pedicure system that turns your at-home Pedi-time to a pro-salon experience. Reduce the bending for ease of pedicure.

Patent Pending

We make individuals and patients self-reliant and offer a **Total Footcare solution**. We love to innovate, create, and solve everyday personal care and medical self-help problems. HSR Innovations started with a very simple idea – reduce awkward bending and be able to reach toes and foot easily for footcare.



Much more needs to be done to reduce the Diabetic foot ulcers and its debilitating impacts

34 million American have Diabetes

- **\$327B** is spent on Diabetes treatment¹
- **\$109B** is spent on lower extremity complications²

¹[The Cost of Diabetes | ADA](#)

²[Diabetic Foot Ulcers and Their Recurrence](#)

1 million ulcers are diagnosed annually³

- 60% of the DFU become infected and 20% of infected DFU lead to amputation⁴

³[Diabetic Foot Ulcers and Their Recurrence](#)

⁴[Burden of Diabetic Foot Ulcers for Medicare and Private Insurers](#)

Diabetes is the leading cause of limb loss.⁵

- Within 2-3 years, **55%** will require an amputation
- Within 5 years of an amputation, **55%** will die

⁵[Diabetes | Healogics](#)

Be aware. Intervene early. Seek specialized care.⁵

- **85%** of diabetes-related amputations are preceded by a foot ulcer
- Over 2 million people in the U.S. have diabetic foot ulcers

⁵[Diabetes | Healogics](#)

Existing solutions still in infancy for preemptive and home monitoring of Diabetic Foot Ulcers



Hard to Detect

A diabetes ulcer occurs under the foot and is hard to easily see or self monitor regularly.



Restricted View

Existing solutions, such as diabetic mirror do help, but require awkward bending and restricted view



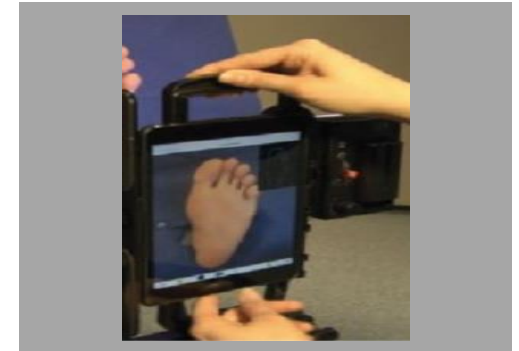
Wound Apps

Represent a paradigm shift in enabling clinicians in providing preemptive care, but the self monitoring of wounds is still difficult



Costly Solutions

Smart Mat for thermal monitoring is a great solution but may come with high costs. Visual inspection still required



MediStep™ can seamlessly integrate into patient workflow to help improve visibility and timely detection for treatment of wounds

SEE | MEASURE | SHARE

MediStep™ is a first pre-market “Foot Selfie”¹ system



- **Convenient and Effective:** Rest foot on the MediStep and easily take pictures of the foot using Remote enabled Camera or Wound App
- **Foot Selfie¹:** Offers last mile solution for Step 2 of Patient workflow to help take a selfie of the foot
- **MediStep App:** MediStep™ wound care app (*in development*) for scanning, measuring, and secure sharing
- **Integrated Mirror:** MediStep also has a large integrated mirror for convenient self examination of foot

Patient Application Flow



1 Remove the bandage when it's full or as per the prescribed time.



2 Take a picture & video of the wound before & after cleaning it.



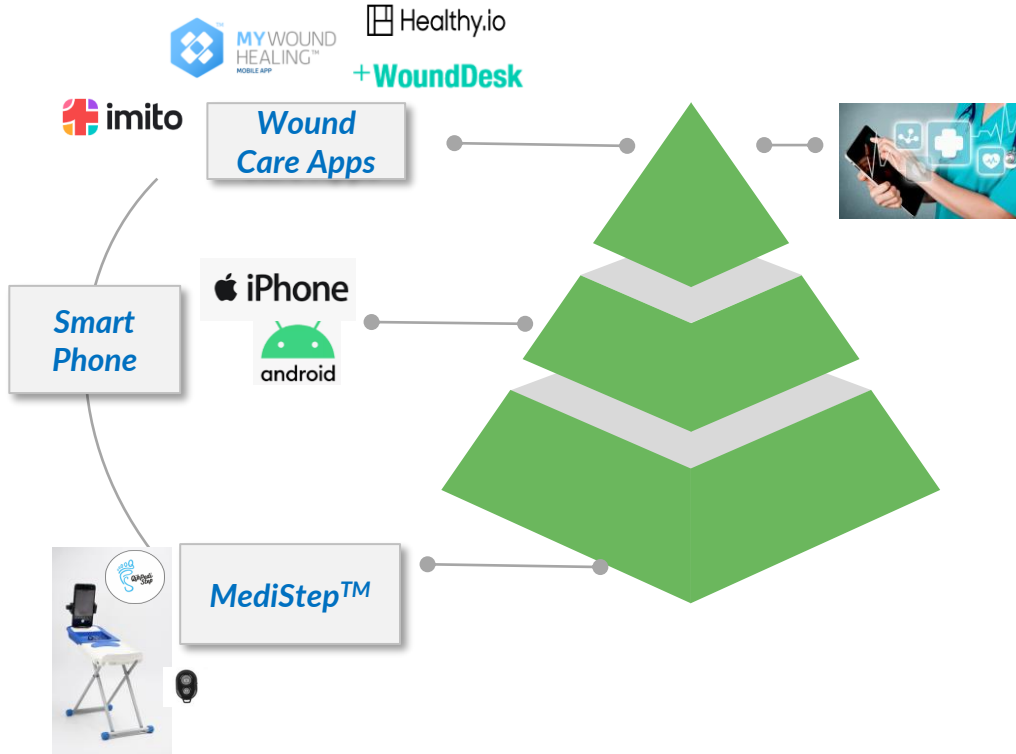
3 The clinician suggests further treatment as per the healing progress.



4 The patient can dress the wound again.

¹Initial Clinical Experience With a Simple, Home System for Early Detection and Monitoring of Diabetic Foot Ulcers: The Foot Selfie

MediStep™ is a simple yet effective device that can be an integral part of patient care technology ecosystem



Affordable Technology

- First pre-market foot selfie system
- Cost-effective solution with a large global market
- Complementary to sensor solutions for visual inspection
- Supports Thermal phone Technology

Reduces Bending for Foot Care

- Aids wearing diabetes shoes and socks by reducing bending
- Easier cleaning and nursing of the wounds
- Manage overall nail and foot hygiene

MediStep™ is a self-help tool with tremendous benefit for improved patient outcomes



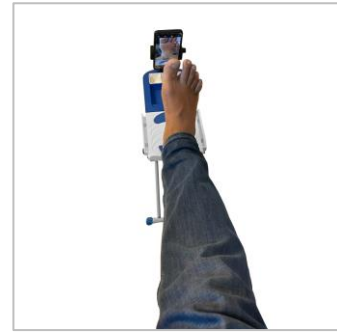
“MediStep™ is a self-help tool with zero medical risk to use and tremendous upside benefit to introduce into market for improved patient outcomes”

MediStep™ is Easy to Use – Start App, Secure Phone, Click Selfie

Foot Examination w/ Mirror



Foot Examination and click foot selfie w/Mobile Phone



1 Screw the mobile holder to the tray and attach the phone (One Time)

2 Connect to Remote Bluetooth (One Time)



3 Start the camera/app in Selfie Mode, rest foot in stretched position

4 Click the selfie with remote; mail it to the physician

Initial Setup by Provider or in Doctor office

Remote will NOT be required for self scanning apps

RECOMMENDED Wound Care Apps – “Imitomeasure”, “MyWoundHealing”

Foot Selfie system¹ in clinical studies permits inexpensive home foot screening and monitoring of DFUs



Foot Selfie System¹ study excerpts published in “Journal of Diabetes Science & Technology”

The percentage of participants who preferred the Foot Selfie system over their previous method of foot screening

80% in 1 week

90% at 6 months

¹

Similarly, the percentage who preferred the Foot Selfie system to having somebody else (family member, friend, home nurse) check their feet

93% in 1 week

90% at 6 months

¹

MediStep™ trials still in progress at Los Angeles Podiatry facilities, but expect similar clinical experience as Foot Selfie system¹



MediStep™

- MediStep™ trials still underway
- Testing in a 2 Podiatric facilities in Los Angeles* - 8 patients enrolled in the study

Dr. Pedram Aslmand
Program Director, Podiatry

Long Beach Medical Center



Dr. Sneh Mehtani

OC Foot & Ankle Associates



Testing Dimensions

Ease of MediStep Setup

Foot Size accommodation

Foot visibility

Ease of Wound App*
use

*"Imitomeasure"

Ease of Daily Use

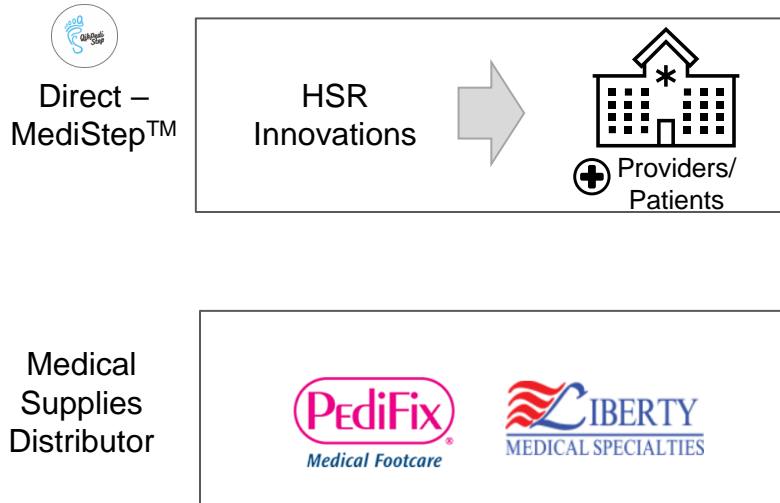
Time Taken to SEE,
MEASURE, SHARE

Aid for overall foot
care*

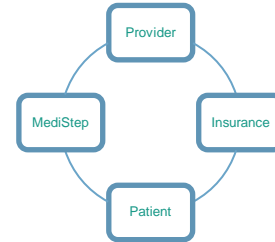
*Wearing Diabetes Shoes and Socks

MediStep™ Distribution Channels and Pricing Model

Distribution Channel



Pricing and Ordering



Samples can be ordered directly from HSR Innovations at a discounted prices

Provider model and Medicare/Insurance coverage is still being finalized

Working with Medical distributors to introduce into market

Order Samples from: <https://medistep-hsr.com>





Thank you

MediStep™ - Total Foot Care Solution



Selfie MediStep™

	Footrest	●
	Tray	●
	LED Light	●
	Battery Pack	●
	Storage w/Mirror	●
	Cell Phone Holder	●
	Remote Control	●