



THE PROBLEM

Hospitals, surgery centers, and long-term care facilities are constantly improving IPC protocols to minimize risk of healthcare acquired infections. In today's COVID-19 care environment, those same facilities are searching for solutions to minimize the unintentional transmission of the virus throughout the healthcare facility. While they matter, improved handwashing and good PPE practice are not enough: shoes and floors are unaddressed yet known vectors for pathogen transmission.

THE MISSING STEP TO A STRONGER IPC PROTOCOL:

HealthySole® PLUS. HealthySole PLUS is the first UVC-enabled shoe sole disinfection product to be independently clinically tested and also to have peer-reviewed published clinical research.

HealthySole PLUS is proven to kill up to 99.99% of potential infection- and contamination-causing pathogens in just 8 seconds. And against the human coronavirus, HealthySole proved to be over 99.7% effective.



**HANDS-FREE
NO TOUCH
TECHNOLOGY**



**EFFECTIVE 24
HOURS A DAY**



INTUITIVE TO USE



1. Align your feet



2. Stand still for
8-second countdown



3. Step off into
protected environment

SPECS

Model
HealthySole® PLUS Shoe Sole Sanitizer (2.0)

Touch Screen
Resistive Touch Panel Covering the Display

Infra-red Foot Placement
Four IR Sensors Located in the Base
(Two for Toe of Shoes and Two for Heels)

Platform Size (with Feet)
17.2 in W x 21 in D x 2.4 in H
(437 mm W x 533 mm D x 61 mm H)

System Overall Height
54.3 in (1379 mm) with Column, Display, and Feet

System Capacity
500 lb (225 kg)

Net Weight
40 lb (18 kg)

Shipping Weight
55 lb (24.9 kg)

Construction Materials
304 Stainless Steel and Mild Steel Construction

Power Requirements
120V: 90 ~ 264VAC (47 ~ 63Hz) at
1.1A/115VAC (0.7 A/230VAC)



THE CLINICAL STORY:

Clinical literature agrees that shoe soles carry the densest concentration of dangerous pathogens in the healthcare environment. Multiple published studies in IPC literature demonstrate that shoe soles are a vector for rapid migration and spread into and out of all sensitive locations within hospitals and other healthcare locations! These deadly pathogens, once introduced to an environment via shoe soles, transfer to floors where they are then rapidly transmitted to the air, elevated touch surfaces and even patient/staff skin, through normal movement/aerosolization and horizontal transmission.



INFECTION AND CONTAMINATION FOCUS AREAS:

- OR and Surgical Recovery
- NICU/PICU/ICU (and especially ventilated patients)
- Sterile Processing (SPD)
- Hematology/Oncology
- Pharmacies
- Labor and Delivery
- Isolation/Contact Precaution
- Transplant
- Dialysis
- Infusion Centers
- Burn Units

THE CLINICAL EVIDENCE AND PROOF:

Microchem Independent Clinical Lab Test (triple replicate ASTM E1153 conforming methodology) Results of 5 of the most common pathogens to cause Hospital/Healthcare Acquired Infections.

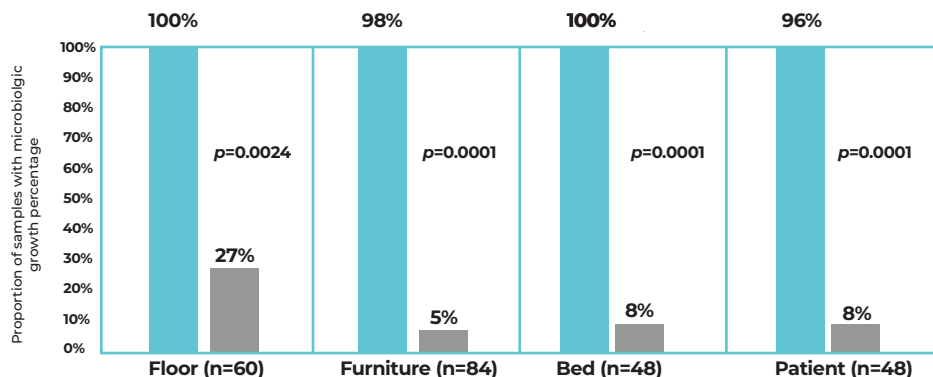


CREM Co - Independent Clinical Lab Test Results of Human Corona Virus 229E (ATCC VR-740) resulted in a deactivation rate of over 99.7% in three replicate tests.

University of Tennessee-Chattanooga College of Medicine/Erlanger Children's Hospital – Poster presented at Tennessee Chapter American Academy of Pediatrics Fall 2019 Symposium (Best Poster Award). IRB-approved Clinical study: double-blinded 6-month study in the Pediatric Hematology/Oncology ward. Resulted in a significant -28% reduction of *C difficile* in positive swabs in rooms with HealthySole PLUS vs control rooms.

University of Houston/University of Texas School of Public Health

Published January 2018 in *The Journal of Hospital Infection*. Year long, 3-phase clinical study. Resulted in a 90+% reduction of pathogen presence (inoculated test organism: *Enterococcus*) on elevated furniture touch surfaces, patient bed and patient skin in rooms tested when using HealthySole PLUS vs control/non-HealthySole PLUS room.



Randomized, blinded clinical simulation study of shoe soles exposed to ultraviolet-C device (dark gray bars) vs control bars (light blue bars). Proportion of samples with microbiologic positive swab percentage.