

EVALUATING THE USE OF UVC LIGHT DEVICES IN A CLINICAL SETTING TO REDUCE PATHOGENS ON COMPUTER WORKSTATIONS

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Healthcare Associated Infections (HAIs) Impact Patient Health & Safety

1 out of 31 patients develop a HAI

1.7 MILLION HAIs occur in U.S. hospitals each year

80% of pathogens are transferred by touch

98,987 deaths per year are caused by HAIs

\$15,275 is the average additional hospital cost per HAI contracted patient

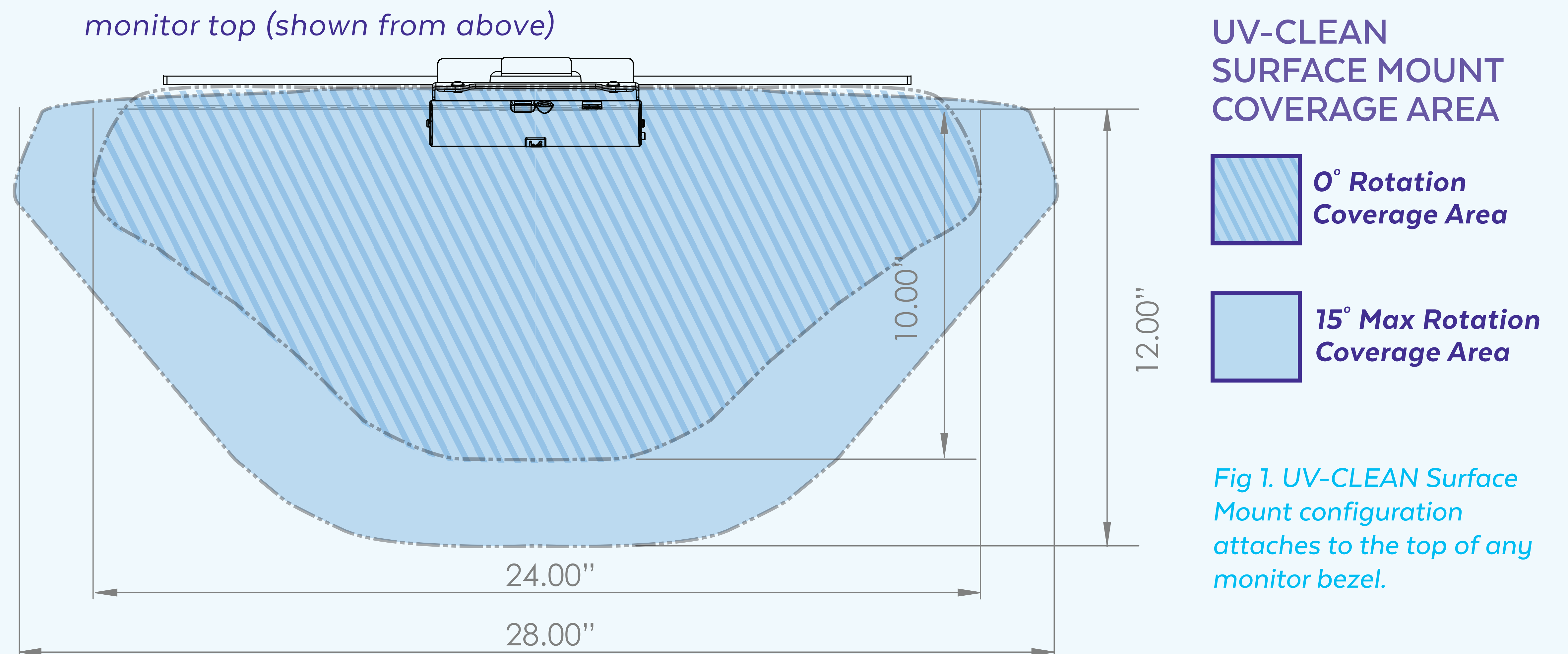
Sources / Enhanced terminal room disinfection and acquisition and infection caused by multi-drug resistant organisms and Clostridium difficile. / "HAI" Centers for Disease control and Prevention, 07 Aug. 2012 / Lancet 2017; 389: 805-14 Infection control and hospital epidemiology July 2011, vol. 32, no. 7 / Office of Disease Prevention & Health Promotion / The Secret Life of Germs. P Tierno, Atria Books 2001 / Accessing hand hygiene compliance among healthcare workers in six intensive care units

Reduce the risk of HAIs with UVC disinfection.

Recent, independent lab results demonstrated a "99.99% reduction of Methicillin-resistant Staphylococcus aureus (MRSA) and Clostridioides difficile (C. diff) endospores" with the use of a no-touch ultraviolet disinfection device.

PRODUCT DETAILS

- Automated cleaning cycle
- Motion activated for safe deployment of UV-C light
- 24" active cleaning area range
- Internal memory and built-in audit trail
- Flexible workspace configurations
- 6" length x 1" diameter



Clinical study demonstrated efficacy of UVC disinfection device.

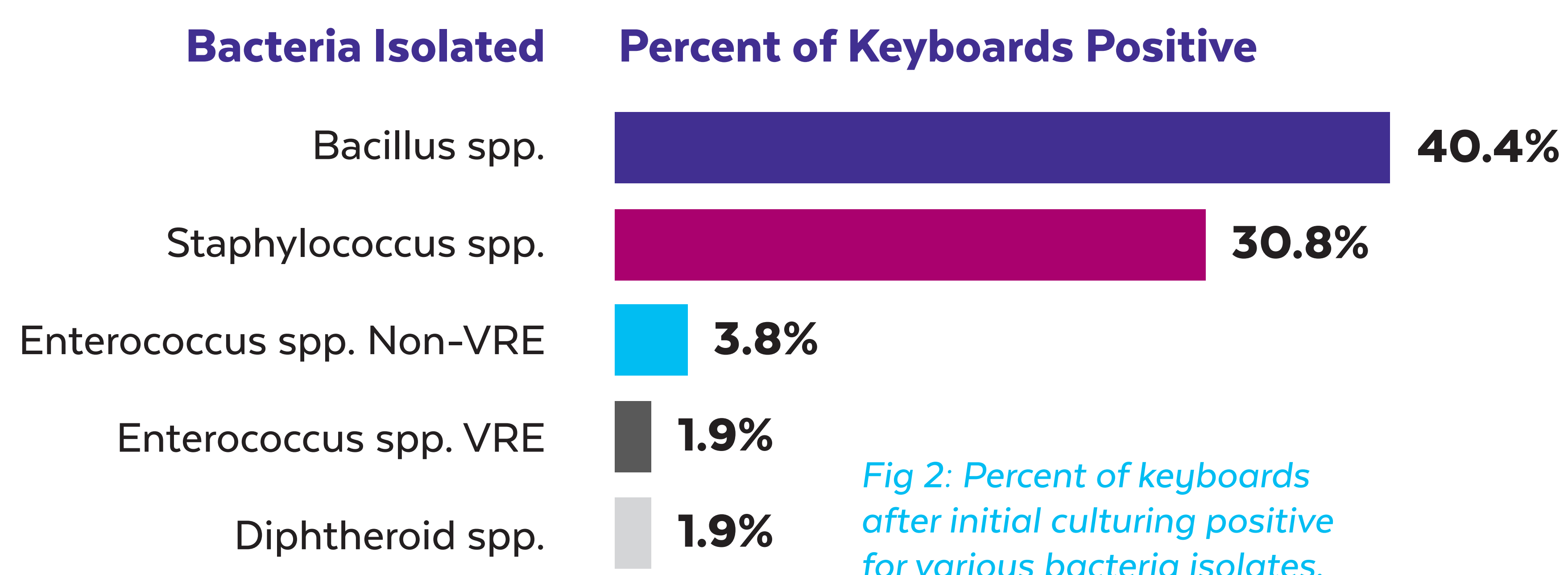
Study involving 52 computer workstations, including mobile computing carts and wall mounted workstations, proved automated UVC disinfection is effective at eliminating harmful pathogens and is the ideal complement to existing disinfection and hand hygiene protocols.

Clinical Study Results

A variety of bacteria was isolated on the mobile computing carts and wall mounted computer workstations as shown in Figure 2. After installation of the UVC disinfection unit, all samples came back negative for growth on all surfaces swabbed indicating a **100% reduction in keyboard bio burden** as shown in Figure 3.



PRE-DISINFECTION KEYBOARD ANALYSIS



POST-DISINFECTION KEYBOARD ANALYSIS

