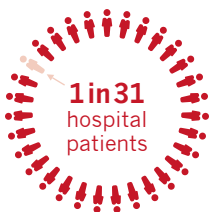


# INNOVATING TO REDUCE PREVENTABLE INFECTIONS IN HEALTHCARE ENVIRONMENTS

While progress has been made, healthcare-associated infections (HAIs) are a major risk for hospitalized patients.

## THE CHALLENGE TO IMPROVE OUTCOMES



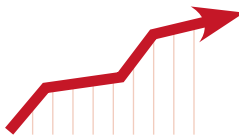
acquire a healthcare-associated infection (HAI)<sup>1</sup>



**687,000+**  
infected annually<sup>2</sup>



**72,000**  
associated deaths<sup>3</sup>



**\$11 Billion**  
in annual additional costs<sup>4</sup>



**10-50%**

of surfaces in patient rooms are contaminated with *Clostridioides difficile* (*C. difficile*) and Vancomycin-resistant Enterococci (VRE)<sup>5</sup>

greater than  
**200%**  
increase in risk

of contracting *C. difficile* when the previous occupant had active *C. difficile*<sup>6</sup>



Medical facilities spend significant time and resources managing the challenges of healthcare-associated infections.

# AN INTEGRATED APPROACH TO ADDRESS INFECTION PREVENTION



The environment is a primary, and often unexpected, source of infection.



Adopting a comprehensive, layered approach combining traditional hard-surface disinfection with total room terminal disinfection is key.

**PDI, an infection prevention leader, is committed to developing and advancing solutions that help healthcare facilities control and reduce the risk of infections.**

Clinically advanced products includes Sani-Cloth®, the #1 brand of disinfecting wipes in healthcare.



- + Deliver fast-acting disinfection solutions
- + For use facility-wide, during outbreak/isolation situations and around sensitive patient populations.
- + Help protect against today's most challenging microorganisms.

**Tru-D® SmartUVC, maker of the first UVC robot, operates from a stationary position and administers a single cycle of UVC energy to provide total room disinfection.**



UVC energy has been shown to be an effective, eco-friendly, and chemical-free way to reduce the risk of dangerous microorganisms.\*

**99.9%**

Supported by clinical research and featuring intuitive Sensor360® technology, Tru-D can accurately calculate the precise dose of UVC light needed to kill up to 99.9% of harmful pathogens.



Provides real-time reporting and analytical support for healthcare professionals.

## + PDI + Tru-D® SmartUVC

- + In combination with highly compliant manual disinfection that included the use of surface disinfectant wipes, the CDC-funded *Benefits of Enhanced Terminal Room-Disinfection* (BETR-D) study showed Tru-D was able to reduce the relative risk of colonization and infection among patients in hospital settings.
- + Addresses the healthcare industry's need for an integrated approach to total room disinfection.
- + Advances PDI's mission to reduce preventable infections, control associated costs, and ultimately save lives across the healthcare continuum of care.



**LEARN MORE: WEAREPDI.COM • PDIHC.COM • TRU-D.COM**

<sup>1-3</sup>Centers for Disease Control and Prevention. Healthcare-associated Infections. Data Portal. <https://www.cdc.gov/hai/data/portal/index.html>. <sup>4</sup>Tru-D Website [https://www.cdc.gov/hai/pdfs/hai/scott\\_costpaper.pdf](https://www.cdc.gov/hai/pdfs/hai/scott_costpaper.pdf). <sup>5</sup>[https://pdihc.com/wp-content/uploads/2019/06/Sani-24\\_White-Paper\\_05190657.pdf](https://pdihc.com/wp-content/uploads/2019/06/Sani-24_White-Paper_05190657.pdf). <sup>6</sup>Shaughnessy MK, Micieli RL, DePestel DD, Arndt J, Strachan CL, Welch KB, Chenoweth CE. Evaluation of hospital room assignment and acquisition of *Clostridium difficile* infection. *Infect Control Hosp Epidemiol*. 2011 Mar;32(3):201-6. <sup>7</sup>Data on file.