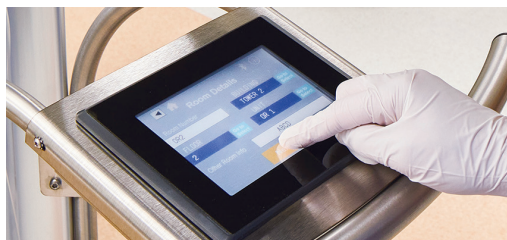


UVDI-360 Room Sanitizer

Independently Proven Effectiveness



The UVDI-360 Room Sanitizer's efficacy has been independently proven in peer-reviewed published hospital studies, studies presented at leading Healthcare conferences and laboratory testing.

Peer-Reviewed Published Hospital Studies

Year of Publication	Hospital Healthcare System	Lead Investigator(s)	Scope	Journal
2022	Wits University Donald Gordon Medical Center, Johannesburg, South Africa	Dr. Warren Lowman, Clinical Microbiologist and IPC Specialist	Carbapenam-resistant <i>enterobacterales</i> (CRE)	<i>Journal of Hospital Infection</i> Read
2020	Hospital Infantil de México Federico Gómez, Mexico City, Mexico	Daniela De la Rosa-Zamboni MS, MD, Department of Hospital Epidemiology	MRSA	<i>Frontiers in Microbiology</i> Read
2020	Università degli Studi di Siena, Siena, Italy	Gabriele Messina MD, PhD, MSc Epidemiology	Environmental bioburden – operating rooms	<i>The European Journal of Public Health</i> Read
2020	Università degli Studi di Siena, Siena, Italy	Gabriele Messina MD, PhD, MSc Epidemiology	Environmental bioburden – patient rooms	<i>The European Journal of Public Health</i> Read
2019	Canisius Wilhelmina Hospital (CWZ), Nijmegen, The Netherlands	Andreas Voss, MD, PhD, Medical Microbiology	<i>Candida auris</i>	<i>Mycoses</i> Read
2018	St. Mary's Hospital for Children	Marianne Pavia MS, BS, CIC, FAPIC, Director of Infection Prevention	Viruses: Influenza, rhinovirus, enterovirus, and human metapneumovirus	<i>American Journal of Infection Control</i> Read
2018	The University of Iowa Hospitals and Clinics	Vincent Masse, MD	MRSA and <i>C. difficile</i>	<i>Antimicrobial Resistance & Infection Control</i> Read
2017	The Johns Hopkins Health System	Lisa Maragakis, MD, MPH, Senior Director of Infection Prevention and Associate Professor of Medicine	Patient and healthcare worker satisfaction survey	<i>American Journal of Infection Control</i> Read
2017	Hospital of the University of Pennsylvania	David Pegues, MD, Professor of Medicine	<i>C. difficile</i>	<i>Infection Control and Hospital Epidemiology</i> Read
2016	The Johns Hopkins Health System	Lisa Maragakis, MD, MPH, Senior Director of Infection Prevention and Associate Professor of Medicine	Carbapenam-resistant <i>Enterobacteriaceae</i> (CRE)	<i>Infection Control and Hospital Epidemiology</i> Read
2016	UNC School of Medicine	William Rutala, MS, MPH, PhD, Director of Hospital Epidemiology	methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) and carbapenam-resistant <i>Klebsiella pneumoniae</i> (CRKP)	<i>Infection Control and Hospital Epidemiology</i> Read
2014	UNC School of Medicine	William Rutala, MS, MPH, PhD, Director of Hospital Epidemiology	methicillin-resistant <i>Staphylococcus aureus</i> (MRSA)	<i>Infection Control and Hospital Epidemiology</i> Read

Independently Proven Effectiveness

Poster Presentations and Laboratory Studies

Year of Publication	Hospital Healthcare System	Lead Investigator(s)	Scope	Setting
2017	Cardiff University, Wales	Jean Yves Maillard, MD, Professor of Pharmaceutical Microbiology	<i>Clostridium difficile</i> <i>Staphylococcus aureus</i> , Methicillin-resistant <i>Staphylococcus aureus</i> , <i>Enterococcus faecalis</i> , Vancomycin resistant <i>E. faecalis</i> , <i>Klebsiella pneumoniae</i> , <i>A. baumannii</i> , <i>Candida auris</i>	Lab Study
2016	Cleveland Clinic	Curtis Donskey, MD, Abhishek Deshpande, MD, PhD, Assistant Professor of Medicine	<i>C. difficile</i> , MRSA, vancomycin-resistant <i>Enterococcus</i> [VRE]	SHEA 2016
2015	The Women's Hospital - Deaconess Health System	Sonya Mauzey, RN, BS, CIC, Infection Preventionist	<i>Pseudomonas aeruginosa</i>	APIC 2015 (poster presentation)
2015	University of Arizona	Charles Gerba, PhD, Professor, Microbiology and Environmental Sciences	<i>C. difficile</i> spores, MS-2 virus and MRSA	APIC 2015

References | Peer-Reviewed Published Hospital Studies

- Lowman W, et. al. The novel application and effect of an ultraviolet light decontamination strategy on the healthcare acquisition of carbapenem-resistant *Enterobacterales* in a hospital setting. *J Hosp Infect.* 2021 Dec 13;121:57-64.
- De la Rosa-Zamboni D et. al. Control of Methicillin-Resistant *Staphylococcus aureus* Strains Associated with a Hospital Outbreak Involving Contamination From Anesthesia Equipment Using UV-C. *Front Microbiol.* 2020 Dec 14;11:600093.
- Messina, G et. al, Six ultraviolet minutes for cleaner operating theatres, *European Journal of Public Health*, Volume 30, Issue Supplement_5, September 2020, ckaa166.580
- Messina, G. et al. Analytical approach for a better control of environmental contamination, *European Journal of Public Health*, Volume 30, Issue Supplement_5, September 2020, ckaa166.706
- Voss, A. et. al. (2019). Killing of *Candida auris* by UV-C: Importance of exposure time and distance. *Mycoses*, 62(5), 408– 412.
- Pavia M, Simpser E, Becker M, Mainquist WK, Velez KA. The effect of ultraviolet-C technology on viral infection incidence in a pediatric long-term care facility. *Am J Infect Control.* 2018 Jun;46(6):720-722.
- Masse, V., Hartley, M.J., Edmond, M.B. et al. Comparing and optimizing ultraviolet germicidal irradiation systems use for patient room terminal disinfection: an exploratory study using radiometry and commercial test cards. *Antimicrob Resist Infect Control* 7, 29 (2018).
- Maragakis LL et. al. Patient and health care worker perceptions of daily use of ultraviolet-C technology as an adjunct to daily cleaning in an academic hospital: Secondary study of Ultra Violet-C Light Evaluation as an Adjunct to Removing Multi-Drug Resistant Organisms. *Am J Infect Control.* 2018 Mar;46(3):348-349.
- Pegues DA, et. al. Impact of Ultraviolet Germicidal Irradiation for No-Touch Terminal Room Disinfection on *Clostridium difficile* Infection Incidence Among Hematology-Oncology Patients. *Infect Control Hosp Epidemiol.* 2017 Jan;38(1):39-44.
- Maragakis LL. UV-C Light Disinfection of Carbapenem-Resistant Enterobacteriaceae from High-Touch Surfaces in a Patient Room and Bathroom. *Infect Control Hosp Epidemiol.* 2016 Aug;37(8):996-997.
- Rutala, W. et al. (2016). Patient Room Decontamination against Carbapenem-Resistant *Enterobacteriaceae* and Methicillin-Resistant *Staphylococcus aureus* Using a Fixed Cycle-Time Ultraviolet-C Device and Two Different Radiation Designs. *Infection Control & Hospital Epidemiology*, 37(8), 994-996.
- Rutala WA, Gergen MF, Tande BM, Weber DJ. Room decontamination using an ultraviolet-C device with short ultraviolet exposure time. *Infect Control Hosp Epidemiol.* 2014 Aug;35(8):1070-2.

