



Xenex Robots Improve Patient Safety.™

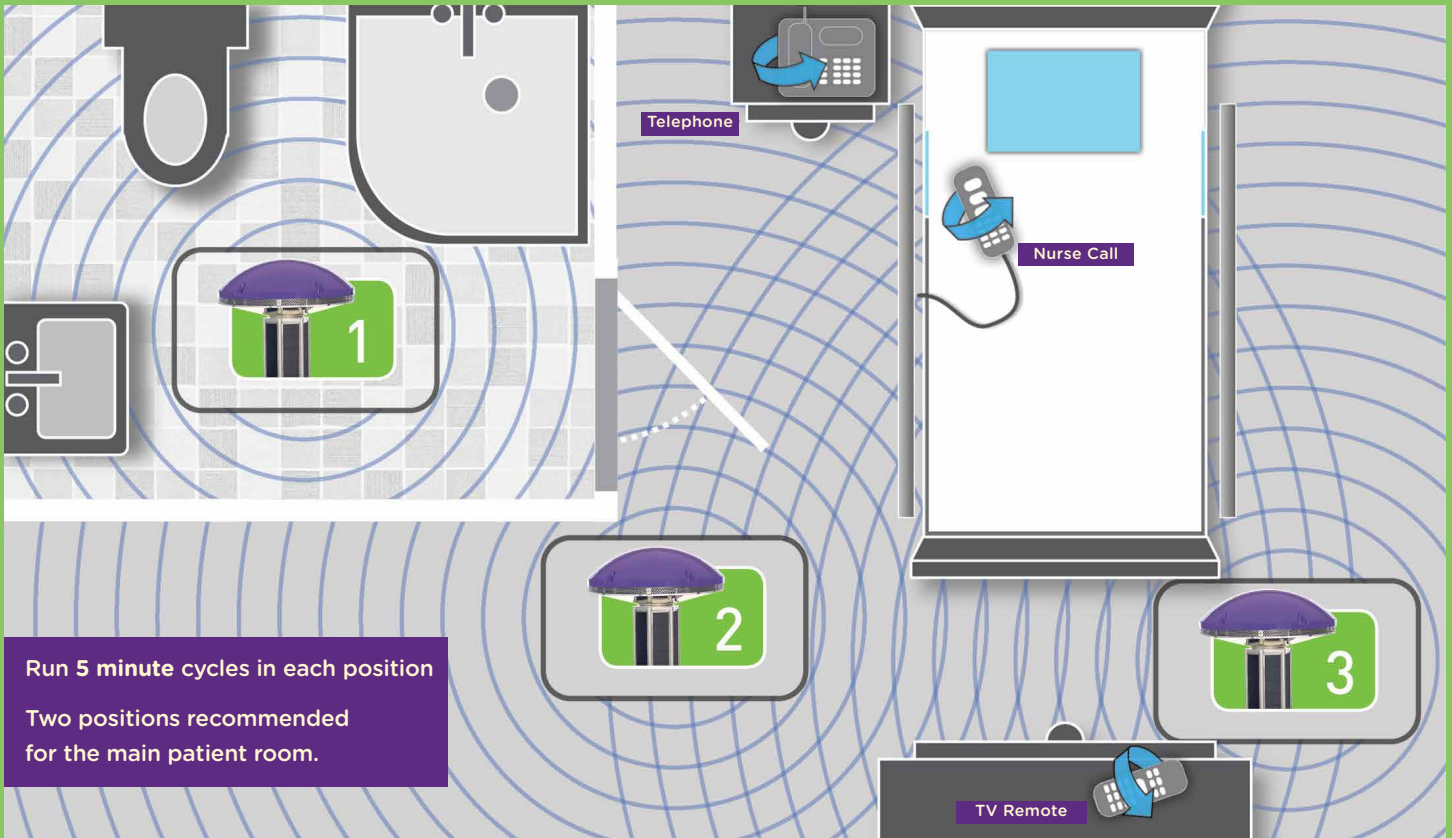
The ONLY UV Disinfection Technology Shown in
Peer Reviewed Published Studies to Reduce HAIs^{1,2}

XENEX®
GERM-ZAPPING ROBOTS™



NOT ALL UV IS THE SAME. CONTACT US TO FIND OUT WHY.

XENEX.COM | 800-553-0069



How to treat a room using Xenex pulsed xenon ultraviolet light robot.

Proven Results:

53% Reduction in *C. diff* Infections¹

Published Peer Reviewed Outcome Study at Cooley Dickinson in *AJIC*

57% Reduction in Hospital-Wide MRSA Infection Rates²

Published Peer Reviewed Outcome Study at Cone Health System in *JIP*

0 VRE Recovered in Isolation Rooms³

Published Peer Reviewed Outcome Study at M.D. Anderson Cancer Center in *ICHE*

25% Faster Than Chemical Cleaning⁴

Study at Temple VA Presented at VA National Symposium



“It’s the fastest and most powerful technology available.”

**- Lynn Grudzielanek, Senior VP of Operations,
Wheaton Franciscan Hospital**

1. The effect of portable pulsed xenon ultraviolet light after terminal cleaning on hospital-associated *Clostridium difficile* infection in a community hospital by Joanne Levin, Linda S. Riley, Christine Parrish, Daniel English, Sehoon Ahn; *AJIC: American Journal of Infection Control* 20 May 2013 (10.1016/j.ajic.2013.02.010). [http://www.ajicjournal.org/article/S0196-6553\(13\)00249-6/abstract](http://www.ajicjournal.org/article/S0196-6553(13)00249-6/abstract)
 2. Simmons S, Morgan M, Hopkin T, Helsabeck K, Stachowiak J, Stibich M. Impact of a multi-hospital intervention utilizing screening, hand hygiene education and pulsed xenon ultraviolet (PX-UV) on the rate of hospital associated methicillin resistant *Staphylococcus aureus* infection. *JIP: Journal of Infection Prevention* 1757177413490813, first published on June 5, 2013 as doi:10.1177/1757177413490813. <http://bjj.sagepub.com/content/early/2013/06/05/1757177413490813.abstract>
 3. Stibich M, Stachowiak J, Tanner B, Moore L, Chemaly R. Evaluation of a Pulsed-Xenon Ultraviolet Room Disinfection Device for Impact on Hospital Operations and Microbial Reduction. *ICHE*. 2011; 32 (3):286-288
 4. Quezada R, et al [Poster Session]. Evaluation of a Pulsed-Xenon Ultraviolet Room Disinfection Device for Impact on Contamination Levels of MRSA. VA National Research Week Symposium. Temple, TX, April, 2012.

No one wants to be sick twice.™

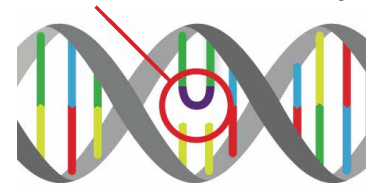


The Science of Pulsed Xenon Disinfection:

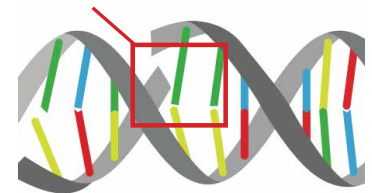
Developed by a team of epidemiologists and scientists, the Xenex robot breaks down the DNA of germs in the hospital environment. Intense, pulsed xenon UV destroys pathogens on a sub-microscopic DNA level in numerous ways,

4 Mechanisms of Destruction:

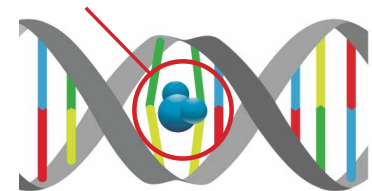
PHOTODIMERIZATION: DNA bond damage



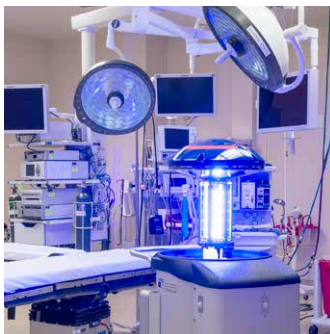
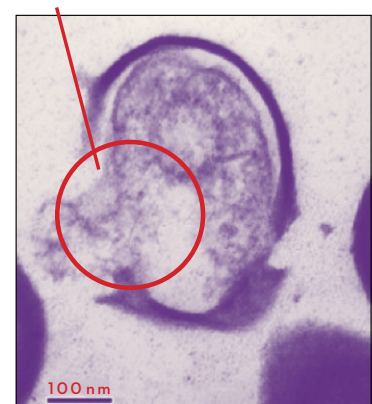
PHOTOSPLITTING: DNA strand broken



PHOTOHYDRATION: Inhibits DNA functions



PHOTOCROSSLINKING: Cell wall damage & lysis



In the U.S. each year, more people die from healthcare acquired infections than from AIDS, breast cancer, and auto accidents combined, at an estimated annual cost of \$40 billion.*

Eliminating pathogens from patient rooms is the **quickest and easiest** way to lower the risk of additional infections. In two peer reviewed outcome studies, hospitals using the Xenex Germ-Zapping Robots™ **reduced** rates of *C. diff* and MRSA by more than **50%**, significantly reducing costly readmissions and patient stays.



* 1. CDC <http://www.cdc.gov/washington/-cdcatWork/pdf/infections.pdf>
2. CDC <http://www.cdc.gov/nchs/fastats/mamogram.html> 3. CDC <http://www.cdc.gov/nchs/fastats/acc-inj.html> 4. CDC <http://www.cdc.gov/hiv/statistics/basics/>

MEET THE X4 GERM-ZAPPING ROBOT



Internal Diagnostics

Robot self-reports any issues instantly to Xenex.

Auto-updating Software

Intuitive user software updates automatically in the background, adding new features.

Cloud-based Reporting

Reliable, live reporting at Xenex's cloud-based online customer portal using Wifi or cellular data.

Sensor Motion Detection

Triple Sensor Motion Detection cone can sense motion from across a room, augmenting safety system for larger rooms.



Pulsed Xenon UV Light

Patented technology provides full spectrum™ UV intensity for fast, effective disinfection.



Impact-resistant hardware

Hardware designed for extreme durability and reliability.