LightStrike Robot Proven Effective at Destroying
Deadly Superbug *Candida Auris* in New Published Study

San Antonio, TX -- July 8, 2019 -- Candida auris *(C.auris)* is an emerging, often multi-drug resistant, fungus that causes serious and often deadly infections in healthcare settings. The Centers for Disease Control & Prevention (CDC) recently issued a warning about *C.auris*, terming it a "serious global health threat."

Nearly 700 *C.auris* cases have been reported in the U.S. thus far, but hospitals overseas have been battling the deadly pathogen for quite some time. The Netcare Hospital Group, which operates the largest private hospital network in South Africa, was the first and is the only hospital group in South Africa to utilize Xenex high intensity, broad spectrum mobile disinfection robots that have been proven effective against viruses and bacteria that can threaten patient safety. Dr. Caroline Maslo is Senior Clinical Advisor and Head of Infection Control for Netcare's Hospital Division, and the lead author of a new peer-reviewed study "The efficacy of pulsed-xenon ultraviolet light technology on *Candida auris*" that validates the efficacy of LightStrike™ pulsed xenon ultraviolet (UV) disinfection technology in destroying *C.auris.*

In the *BMC Infectious Diseases* study, researchers reported a 99.6% reduction in *C.auris* after a 10-minute treatment with pulsed xenon UV disinfection, stating "the PX-UV mobile device is easy to use and has significantly shorter cycle times that makes it easier to disinfect all areas outside the room where the patient received care, as recommended by the CDC."

Dr. Mark Stibich, co-founder and Chief Scientific Officer of Xenex, said, "As an evidence based company, seeing this research documenting the efficacy of pulsed xenon UV disinfection technology against *C.auris* is very exciting. We began hearing reports of *C.auris* some time ago and began testing in government laboratories to create protocols for how our technology should be utilized to combat it. This data from Dr. Maslo's group further validates our best practices. Adding LightStrike robot disinfection to your hospital's infection prevention bundle can help combat the spread of *C. auris* in the hospital environment and our team is prepared to help healthcare facilities integrate the technology into their infection prevention strategy."

Xenex LightStrike robots quickly destroy bacteria, viruses, mold, fungus and spores on hospital surfaces. The portable disinfection robots are effective against the most common as well as the most dangerous pathogens, including *Clostridium difficile* (*C. diff*), norovirus, influenza, Ebola, *carbapenem-resistant Enterobacteriaceae (CRE),* Vancomycin-resistant enterococci (*VRE*) and methicillin-resistant *Staphylococcus aureus (*MRSA). Trained hospital cleaning teams operate the robot, which is brought in after the patient has left the room as part of a hospital's comprehensive infection prevention strategy. The intense pulsed xenon UV light quickly destroys invisible pathogens lurking on surfaces (bedrails, tray tables, door knobs, wheelchairs, etc.).

More than 400 healthcare facilities worldwide are using LightStrike Germ-Zapping Robots™ daily to disinfect rooms against a full spectrum of agents, including *C.auris*. Several hospitals in the northeastern U.S. utilized their Xenex robots after treating *C.auris* patients, and no additional infections were reported. The robots can be used in any department and in any unit within a healthcare facility, including isolation rooms, operating rooms, general patient care rooms, contact precaution areas, emergency rooms, bathrooms and public spaces.

LightStrike robots have been studied extensively in the hospital environment and credited in numerous peer-reviewed, [published studies](#) with helping hospitals decrease their *C.diff,* MRSA and Surgical Site Infection (SSI) rates from 46% -- 100%.

Netcare purchased and implemented LightStrike devices in hospitals across South Africa from [Kiara Healthcare](#), Xenex's authorized reseller in Africa.

About Xenex

Xenex's patented Full Spectrum™ pulsed xenon UV room disinfection system is used for the advanced disinfection of healthcare facilities. Due to its speed and ease of use, the Xenex system has proven to integrate smoothly into hospital cleaning operations. Xenex's mission is to save lives and reduce suffering by destroying the deadly microorganisms that cause healthcare associated infections (HAIs). The company is backed by well-known investors that include EW Healthcare Partners, Piper Jaffray Merchant Services, Malin Corporation, Battery Ventures, Tectonic Ventures, Targeted Technology Fund II and RK Ventures. For more information, visit [Xenex.com](#).

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