



Clorox Healthcare Announces New Optimum-UV Enlight™ System with Advanced Reporting Features and Powerful Performance Against Infections

GRAPEVINE, Texas, Sept. 21, 2015 – Clorox Healthcare, in partnership with Ultraviolet Devices, Inc. (UVDI), a leader in ultraviolet (UV) technology, announced the introduction of the Clorox Healthcare™ Optimum-UV Enlight™ System at the Association for the Healthcare Environment (AHE) EXCHANGE 2015 annual conference. The Optimum-UV Enlight™ System kills a total of 31 pathogens and combines powerful UV technology with advanced data collection and reporting capabilities, clinically proven efficacy and affordability to enable facility-wide adoption.

“We know that environmental services and infection control professionals are looking for more efficient and easy-to-use ways to implement UV devices and track infection rates across their facilities, which can be a time-intensive process,” said Dr. Katherine Velez, scientist, Clorox Healthcare. “The Optimum-UV Enlight™ System’s smart data capabilities help do the heavy lifting to improve infection control processes and minimize workflow challenges so that UV can be seamlessly integrated into larger environmental infection control practices.”

The U.S. Centers for Disease Control and Prevention’s healthcare-associated infection (HAI) prevalence survey found that on any given day, about one in 25 hospital patients has at least one HAI.¹ As HAIs and antibiotic-resistant organisms continue to plague U.S. healthcare facilities, it is important to implement a comprehensive infection control plan that bundles manual surface disinfection with highly effective, tested and trusted UV technology. The Optimum-UV Enlight™ System kills 31 pathogens in five minutes at a distance of eight feet and also keeps accurate reports of infection rates and outbreaks to enhance patient safety efforts.

Increasingly, healthcare facilities are required to accurately report their infection rates to receive Medicare and Medicaid reimbursements. To help facilities comply with stringent reporting requirements, the new Optimum-UV Enlight™ System tracks where, when and how the system is working, providing the smart data collection, efficacy and assurance that facilities can trust.

The Clorox Healthcare™ Optimum-UV Enlight™ System’s advanced features include:

- **Proven Efficacy:** The Optimum-UV Enlight™ System kills 31 total pathogens in five minutes at a distance of eight feet, including a 4-log reduction of *Clostridium difficile* (*C. difficile*) spores and a greater than 5-log reduction of more than 20 pathogens such as methicillin-resistant *Staphylococcus aureus* (MRSA), vancomycin-resistant *Enterococci* (VRE) and carbapenem-resistant *Enterobacteriaceae* (CRE).²
- **Smart Data Reporting:** The system tracks device usage across rooms, locations, and operators, and provides automated reporting that is accessible in real time. The system also provides diagnostic data with automated alerts to inform users about maintenance needs and helps to identify areas for targeted staff training.
- **Enhanced User Interface:** The enhanced interface features more data storage and a large, easy-to-use color touchscreen that enables users to manage rooms, locations and operators for reporting analytics.
- **Mobile Device App:** New iOS and Android apps allow users to remotely check on UV cycle status as well as start or stop the device. The app uses Bluetooth technology to automatically transfer usage data to the app, which is uploaded via a cellular/Wi-Fi connection for cloud-based reporting.



- **Cycle Completion Assurance Tools:** Transporting and storing the Optimum-UV Enlight™ System is easier with the hard shell case accessory which protects the bulbs and detaches into halves that can be used as free-standing door warning signs. Other tools include the Dose Verify™ cards which ensure that the appropriate UV-C dose has been received on a target surface.

Comprehensive Approach to Treating Environmental Surfaces

Only 50 percent of typical hospital environmental surfaces are effectively disinfected,³ which is why a comprehensive approach to treating surfaces to stop the transmission of dangerous pathogens is so important. The Optimum-UV Enlight™ System is designed to supplement manual disinfection efforts with U.S. Environmental Protection Agency (EPA) registered disinfectants such as:

- **Clorox Healthcare® Bleach Germicidal Products:** Kill a wide variety of bacteria and viruses, including MRSA and Norovirus, in 30 seconds to one minute, and *C. difficile* spores in as fast as three minutes.
- **Clorox Healthcare® Hydrogen Peroxide Products:** Hard- and soft-surface solutions, proven to kill 42 microorganisms, including 13 antibiotic-resistant organisms, in as little as 30 seconds.

Combining manual surface disinfection with UV technology ensures thorough coverage, especially on areas that may be missed during manual cleaning. However, a comprehensive approach also hinges upon having a well-trained and educated environmental services staff to implement best practices.

Clorox Healthcare is a long-standing supporter of AHE. Attendees at this year's EXCHANGE conference can visit the Clorox Healthcare booth (#101) to view and learn more about the Optimum-UV Enlight™ System and other Clorox Healthcare products.

About Clorox Healthcare

Building on a century-long legacy in cleaning and disinfecting, Clorox Healthcare offers a wide range of products to help stop the spread of infection in healthcare facilities. From comprehensive surface disinfection, including advanced ultraviolet technology, to skin antisepsis, we are committed to providing efficacious solutions to the healthcare community. For more information, visit www.CloroxHealthcare.com.

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¹ Magill SS, Edwards JR, Bamberg W, et al. Multistate Point-Prevalence Survey of Health Care–Associated Infections. *New England Journal of Medicine* 2014;370:1198-208.

² Based on third-party laboratory micro-efficacy data. Based on third-party testing results of Optimum-UV™ System against *C. difficile* spores and MRSA; 99.992% reduction of *C. difficile* spores in 5 minutes at 8 feet; >99.999% reduction of MRSA in 2 minutes at 8 feet.

³ Bhalla A, Pultz NJ, Gries DM, et al. "Acquisition of Nosocomial Pathogens on Hands After Contact With Environmental Surfaces Near Hospitalized Patients." *Infection Control Hospital Epidemiology*. 2004 Feb;25(2):164–7.