



MRSA-UV™: Taking Healthcare and Hospitality Industry “Super-Bugs” Out of Their Rooms

Dangerous microbes in healthcare, hospitality and community settings continues to be a serious problem. MRSA-UV™ insists that combining UVC and a 2-year PCO surface coating is a logical final step for achieving a totally sanitized room.

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FOR IMMEDIATE RELEASE

[PRLog \(Press Release\)](#) - Sep 25, 2012 - Persistence of stubborn, virulent and lethal microbes in healthcare, hospitality and community settings continue to be a serious problem. Preying on patrons, patients and healthcare workers alike, super bugs like C. difficile, Klebsiella (CRKP), MRSA, VRSA, VRE, Norovirus and E. coli can easily bring down even the healthiest individuals. Alcohol wipes, antimicrobial cleaning products, HVAC UV, microfiber cleaning cloths, hand sanitizers and now pure soap have all contributed to reducing these deadly microbes but they have not done the full job. Serious life threatening infections continue to take their toll of hospital patients, cruise ship guests, staff and just about anyone. And for those persons that have not been infected yet, we can only hope it is not our turn next. Healthcare and hospitality acquired infections are very serious and are spreading with no end in sight.



The medical team at MRSA-UV™ insists that combining short term ultraviolet light exposure (UVC) along with a single 2-year antimicrobial surface coating (PCO) is a logical and extremely inexpensive final step for achieving a totally sanitized room. Following terminal cleaning these dual treatments of UVC and pre-applied PCO can quickly render any room safe and ready for re-occupancy. Recent studies indicate that manual hospital room cleaning can easily miss over 50% of life

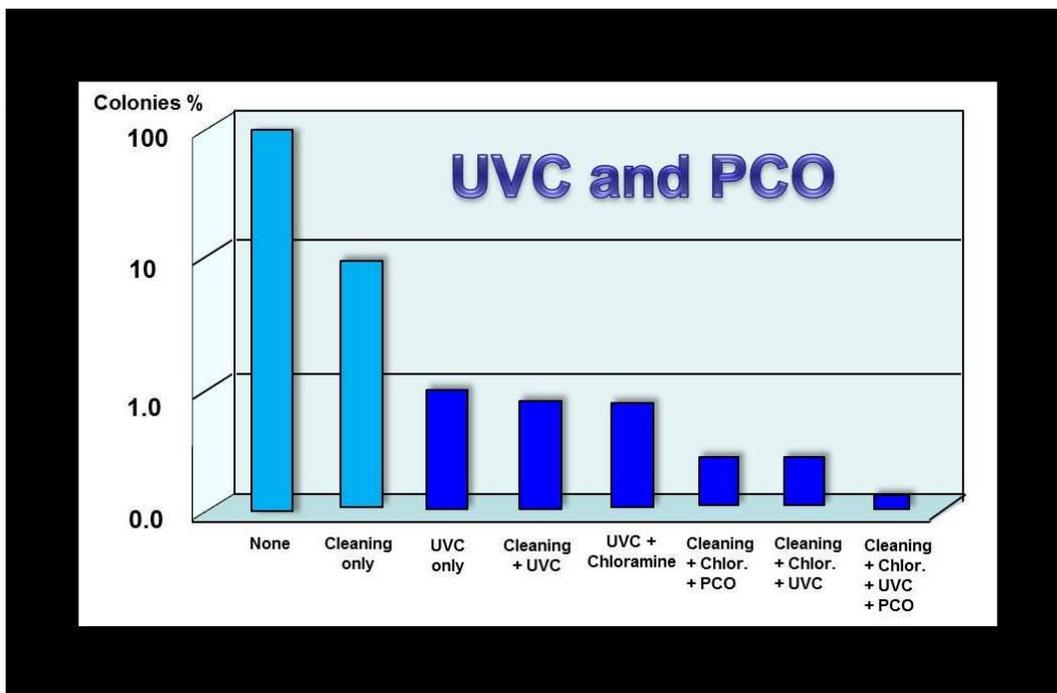
threatening microbes. “Treating these last microbes that terminal room cleanings miss is critical, otherwise reinfections will be the norm,” says Dr. George Seidenberg.

MRSA-UV’s low-cost Total Room UV Sanitizer (Helix 450XL™) along with a single application of their 2-year antimicrobial PCO surface coating (PCO RoomMister™) react synergistically with one another and can quickly deactivate and exterminate most all remaining pathogens. Whether in operating rooms, emergency rooms, patient rooms, ICU and waiting rooms, nursing homes, schools, labs, hotels, restaurants, cruise ships, ambulances or anywhere contagious pathogens may be an issue; this final coup de grace must be dealt (UVC/PCO application) before insuring any at-risk room is safe for occupancy.

UVC and PCO self-cleaning surfaces are completely safe, totally “green” and extremely effective antimicrobials when used alone but when used together they produce a powerful antimicrobial “shock”. Studies all show that UVC and PCO combined will have far reaching implications for ending healthcare and hospitality acquired infections due to contaminated surfaces and air alike.

The synergistic effects of combined UVC and PCO (photocatalytic oxidation) application:

1. Combined long term antimicrobial protection (PCO) and immediate microbial destruction (UVC)
2. PCO reduces UVC exposure time necessary to destroy microbes – resulting in faster room turnover
3. UVC and PCO together produce a significantly higher antimicrobial log reduction rate
4. PCO reduces fluence rate (intensity) of UVC required for destroying dangerous microbes
5. UVC produces a greater “kill rate” in shadowed areas when applied to PCO coated surfaces
6. When used together UVC becomes effective on all surfaces including fabrics and textiles
7. PCO also protects textiles, furniture and medical equipment from any UVC effects
8. Dissipates volatile organic compound (VOC) emissions from manual room cleaning solutions



% Reduction in Microbial Colonies using UVC and PCO

NEW – Two Year Germicidal Protection

MRSA-PCO now provides a cleaner and healthier environment with safe, transparent and durable antimicrobial coating. MRSA's PCO works 24/7/365. Our coating uses a most innovative totally **GREEN photocatalytic oxidation (PCO)** chemistry to continuously kill all bacteria, viruses, and fungal spores and reduce VOC's and odors. It also provides a self-cleaning hygienic surface that is effective indoors or out, and can now be economically applied to virtually any new or existing surface, including metals, glass, ceramics, plastics, fabrics, vinyl, and all other forms of textiles. And one spray lasts 2 years!

Utilizing sunlight and/or typical interior lighting as its energy source, this patent pending surface coating is a powerful and persistent mineral oxidizer that is eco-friendly and sustainable with no environmental hazards.

It is the most advanced functional coating available, safely providing non-stop, two year, broad spectrum antimicrobial protection and continuous pollutant & odor reduction in any environment. **MRSA-PCO™** is the first and only company to provide this nano-coating in a convenient aerosol for smaller sanitizing jobs.

