LightClean
ENVIRONMENTAL DECONTAMINATION, LLC

"Cleaning with the Power of Light"

Contact Us:

R. Scott Stienecker, MD, FACP
President
Epidemiologist
419-234-1590

Merilee Ziccardi
Manager, Sales and Operations
419-303-2415
m_ziccardi@wcoil.com

www.lightclean.net

What's In Your Infection Prevention Toolbelt?

Good Policy
Good Procedures
Good Adherence
Good Handwashing
Good Housekeeping

Still have HIGH Infection Rates?

Add
TRU-D UVC Surface Disinfection
to your infection control Toolbelt!

Cleaning + TRU-D = Terminally Clean!

LightClean Infection Control Consultation

- Evaluation of facility Infection Control Policy and Procedures
- Evaluation of staff adherence to protocols
- Determination of pathogens as needed
- Suggestions for improving infection control in your facility
- Educational lectures by a physician on Infectious Diseases

Survival of Pathogens in the Environment

C Diff	**>5 mo**
Staph	**>7 mo**
VRE	**>4 mo**
Acinetobacter	**>5 mo**
Norovirus	**>3 wk**
Adenovirus	**>3 mo**
Rotovirus	**>3 mo**
HIV, SARS	**>days to week**

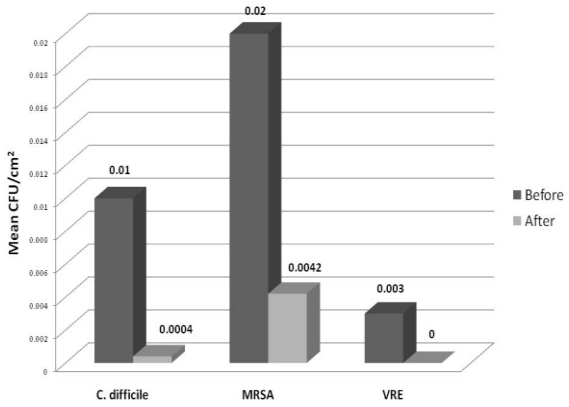
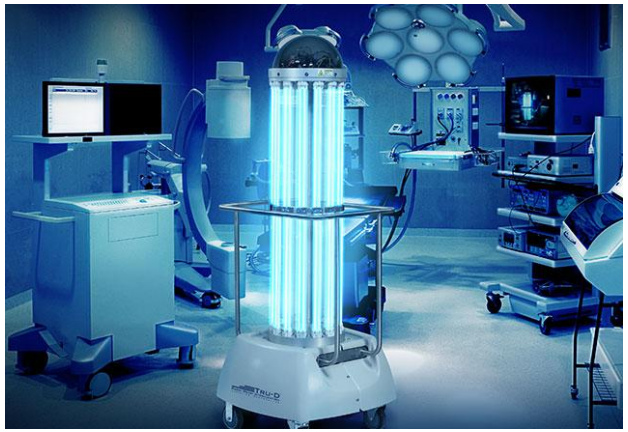


Figure 4 Mean number of colony-forming units (CFU) of Clostridium difficile, methicillin-resistant Staphylococcus aureus (MRSA), and vancomycin-resistant Enterococcus (VRE) recovered from contaminated surfaces in hospital rooms before and after disinfection with the Tru-D device. Two-hundred sixty-one total surfaces from 66 rooms were cultured, including call lights, bedside tables, telephones, and bed rails.

-Nerandzic *et al. BMC Infectious Diseases* 2010, **10**:197

Studies Show:

- Nosocomial infections cost our healthcare facilities $10K – $100K per case
- 28% of nosocomial bacterial infections are resistant to antibiotics
- 40% increased risk of acquiring a resistant organism if the prior occupant had it
- Only 48.5% of targeted surfaces are cleaned by housekeeping
- Adherence to universal precautions by medical workers is sub-optimal



TRU-D is an automated, remotely operated, mobile disinfection system that self-adjusts to the size and content dynamics of any room to deliver an ideal lethal dose of germicidal UVC light to surfaces and air.

- TRU-D achieves 3_{10}- 4_{10} log surface disinfection of pathogens in any space.
- Treating airborne pathogens prevents recolonization on disinfected surfaces.
- 99.9% reduction of vegetative bacteria in~15min 99.8% in ~50min for *C.difficile*
- Chemical Free, residual free, low energy use
- Manage risk: disinfected environments improve patient safety and quality of care.

- **"The Tru-D™ Rapid Room Sterilization device is a novel, automated, and efficient environmental disinfection technology that significantly reduces *C. difficile* and *Staphylococcus* spp. contamination on commonly touched hospital surfaces."**
- **"The Tru-D™ device reduces contamination levels on surfaces not easily amenable to standard housekeeping disinfection."**

-Dr. Curtis Donsky, et al, Cleveland VA