

A large, complex metal frame structure with multiple vertical UV light tubes is positioned over a hospital bed in a clinical setting. The structure is illuminated with a bright blue light. A control panel is mounted on a stand in the center of the frame. The background shows a window with a grid pattern and various medical equipment on the left.

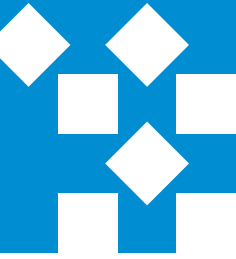
# LEVIAANT<sup>®</sup>

## Innovative UV Cleaning

safer, faster, better



# The Science of Focused Multivector Ultraviolet Light (FMUV)

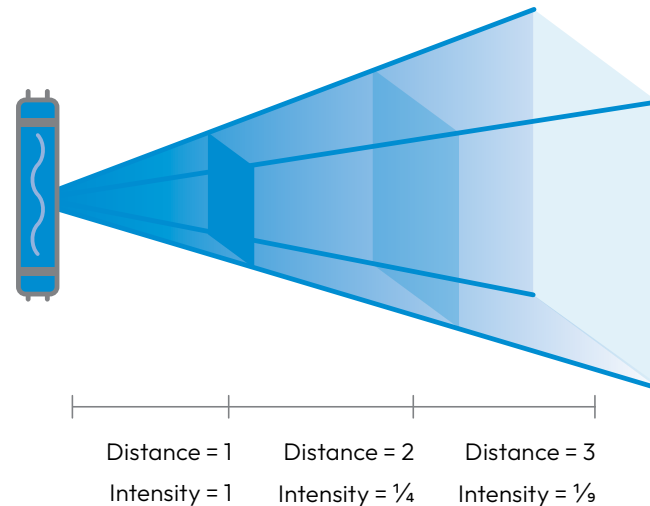


## Traditional UV Technology

Physics limits traditional UV light performance.

As you move away from a UV light source, the intensity of the light decreases exponentially.

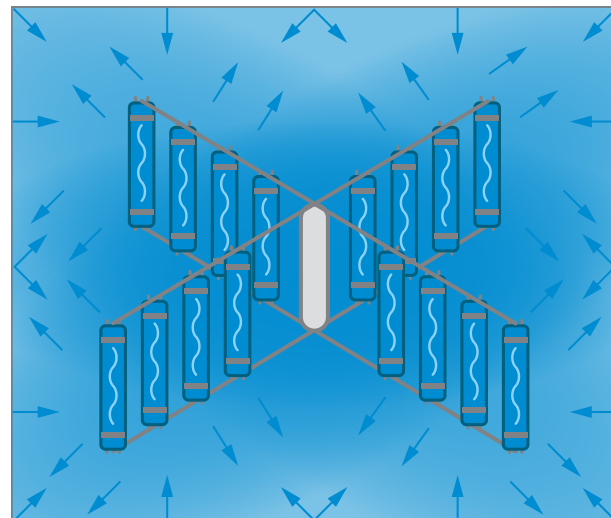
Traditional UV attempts to solve the problem with longer cleaning times.



## Leviant's Solution

Focused Multivector Ultraviolet light (FMUV) solves this limitation.

Converging from all sides, FMUV creates uniform energy that accelerates germicidal kill with **more than 99.9% effectiveness** in less than **2 minutes**.

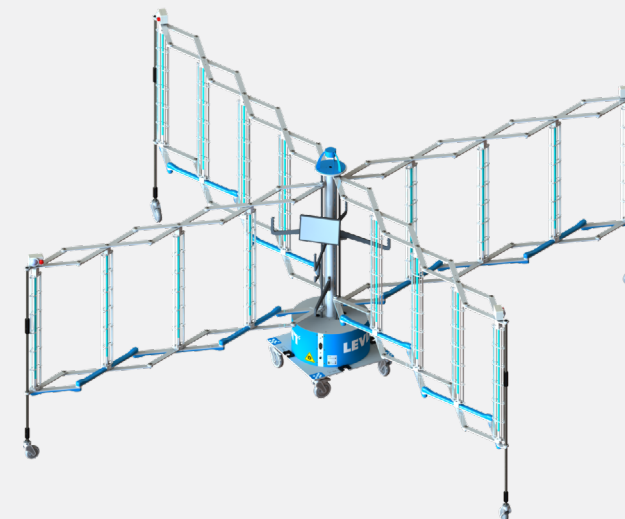


## Efficient & Effective

- Our FMUV systems are more than **99.9% effective** against C. Diff, Candida Auris, MRSA, COVID-19, and other microorganisms
- FMUV converging from all sides virtually **eliminates shadowing** and **maximizes speed**
- E300 can be **safely operated** while staff work alongside it **in the room**

### Space-1

2 minute cycle



### E300

90 second cycle





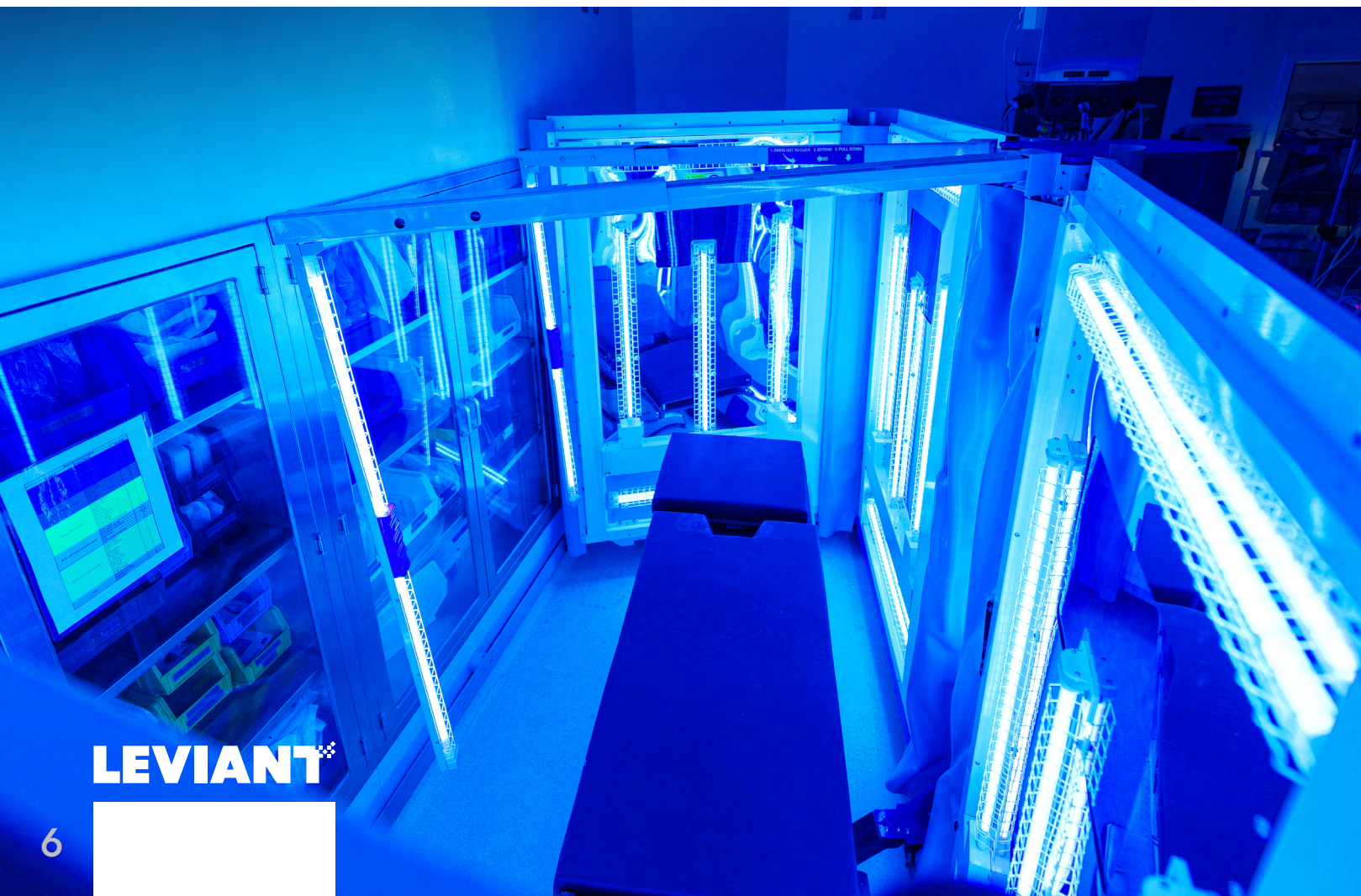
# SPACE-1

Targets rooms, open areas, and enclosed spaces.

- Reduces microbial burden in a treated area by **more than 99.9% in 2 minutes**.
- Tested for efficacy in 15' x 15' room.
- 15' x 15' wingspan with **4 independent arms** that can each expand up to 7.5' and rotate up to 160 degrees to fit any space.
- FMUV shadowless delivery provides **360-degree exposure** to drastically reduce shadowing for complete room cleaning.
- Compact 2' x 2' footprint for transporting, storage, or treating small spaces such as a bathroom.







# E300

Treats equipment, instruments, devices, and supplies while staff remain in the room.

- Ideal for use in ICUs, ORs, EDs, and other high turnover and high volume areas.
- Reduces microbial burden on treated equipment by more than **99.9% in 90 seconds**.
- FMUV shadowless delivery provides **360-degree exposure** to drastically reduce shadowing for complete equipment cleaning while staff continue cleaning in the room.
- Foldable panels allow for **multiple deployable configurations** or easy transportation/storage.
- Treatable equipment includes: Patient beds, crash carts, incubators, C-Arms, OR equipment, case carts, wheelchairs, stretchers, anesthesia carts, and more.
- According to a peer reviewed study published in AJIC\*, the E300 has no statistically significant effect on case turnover time and tends to improve cleaning time consistency.



**Rectan**

9' x 4' x 6'

Treatment of large patient equipment utilizing a wall



**Cube**

4' x 4' x 6'

Treatment of medium equipment in a standalone designated area



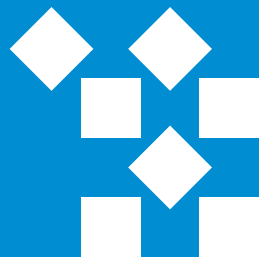
**Pact**

4' x 2' x 6'

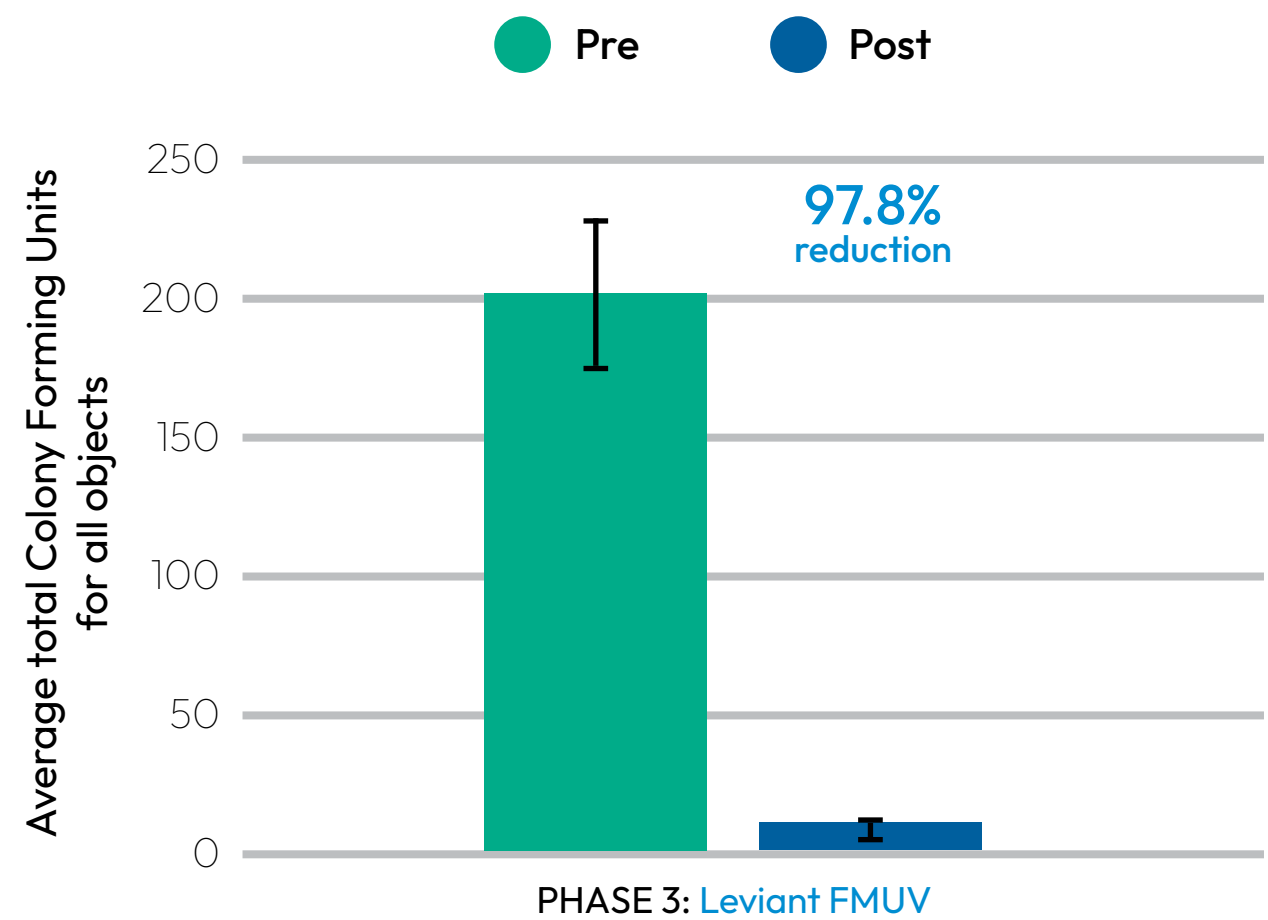
Transporting or storage

\* American Journal of Infection Control 000 (2019) 1-3



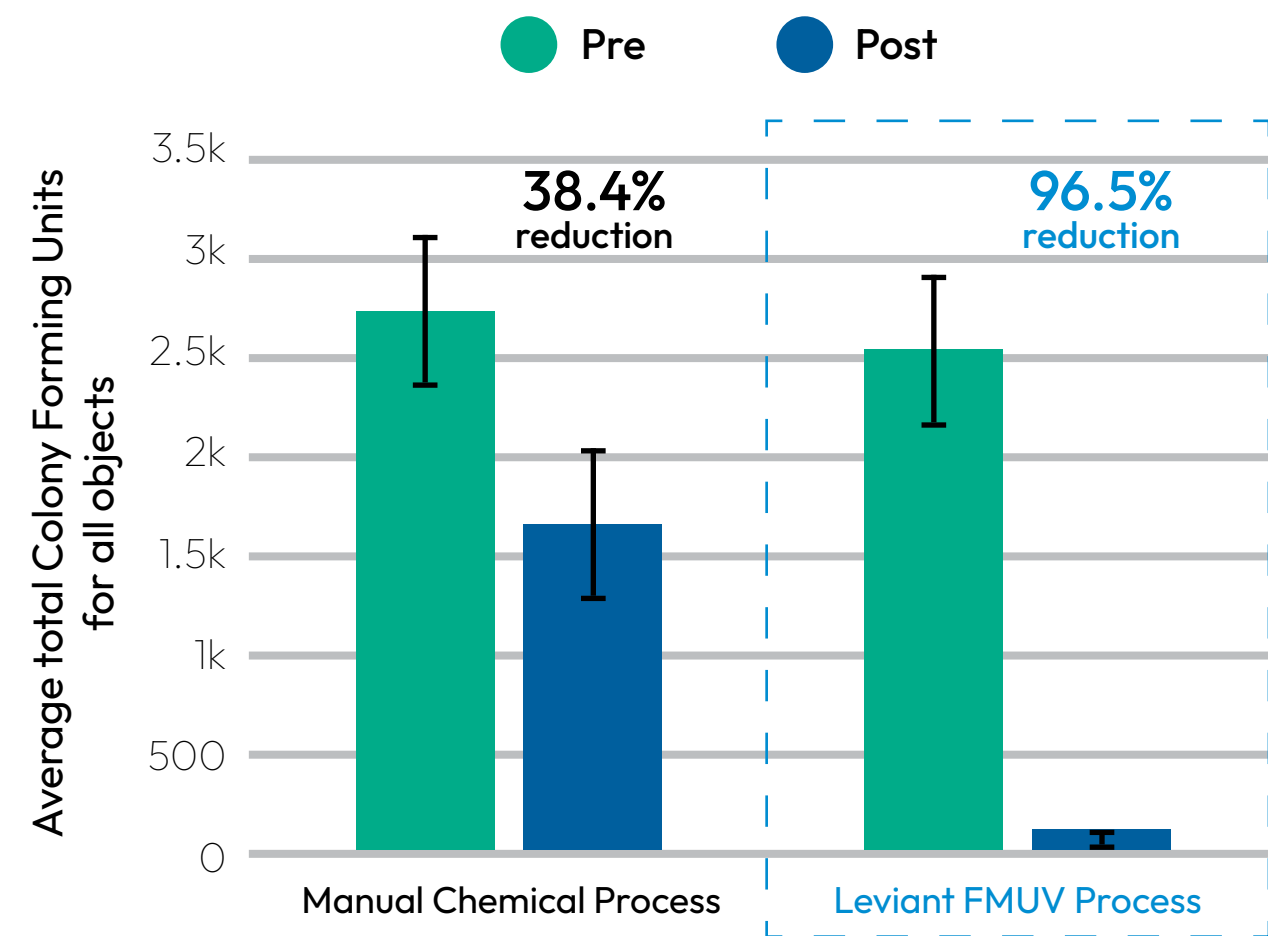


## Evaluation for Leviant FMUV® without Manual-Chemical Disinfection



Performance of an FMUV system was evaluated for disinfection of patient care equipment outside the operating room, without manual chemical disinfection, using a 5-point multi-sided sampling protocol in a 3-phase non-randomized observational study. \*\*

## Chemical Disinfection vs. Leviant FMUV®



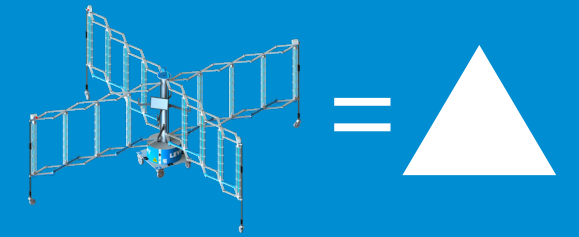
FMUV system is compared directly against manual chemical disinfection in a parallel process during operating room terminal cleaning. \*\*\*

# FMUV® Decontamination for Hospitals and Healthcare

Creating safer environments everywhere,  
for everyone in under 2 minutes



**E300**  
Equipment Examples



**Space-1**  
Room Examples



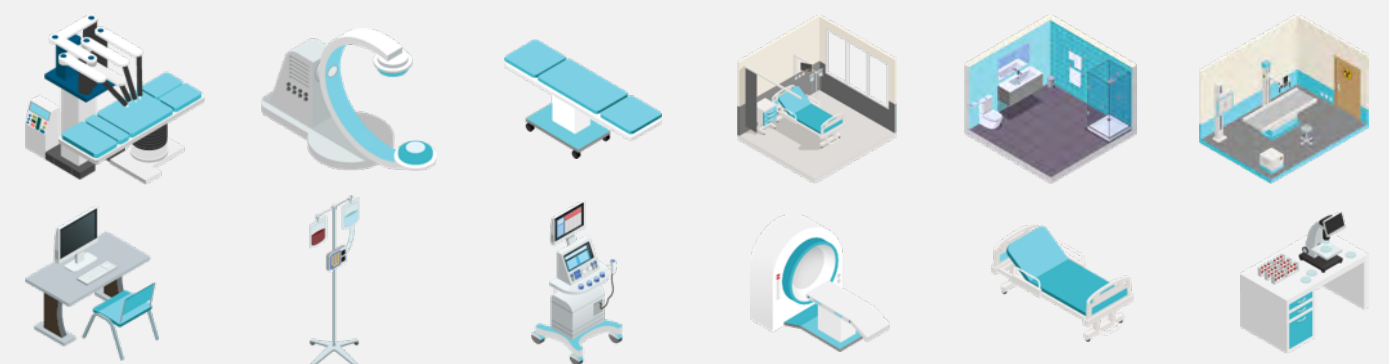
- Operating Tables
- Incubator Isolettes
- Surgical Equipment
- Wheelchairs
- Stretchers
- IV Poles
- Workstations (WOWs)
- Anesthesia Carts
- Imaging Equipment
- Monitoring Equipment
- Touch Monitors
- C-Arms
- + More

- Patient Rooms/Bays
- Operating Rooms
- Pharmacies
- Specialty Units
- Laboratories
- Restrooms
- Imaging Rooms
- Waiting Areas
- Cafeterias
- Office Spaces
- Locker Rooms
- Call Rooms
- + More

## Where can FMUV be used?

FMUV can be used anywhere microorganisms are found.

**FMUV is Far More than UV!**



# LEVIANT<sup>®</sup>



## We're on your side

Our mission is to create safer environments everywhere, for everyone.

<https://leviant.com>

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## FMUV is effective against:

- ✓ Aspergillus fumigatus
- ✓ Candida albicans
- ✓ Candida auris
- ✓ Candida glabrata
- ✓ Candida krusei
- ✓ Candida parapsilosis
- ✓ Candida tropicalis
- ✓ Carbapenem-resistant Escherichia coli
- ✓ Carbapenem-resistant Klebsiella pneumoniae
- ✓ Clostridioides (Clostridium) difficile
- ✓ ESBL-producing Escherichia coli
- ✓ ESBL-producing Klebsiella pneumoniae
- ✓ Fusarium solani
- ✓ Klebsiella pneumoniae
- ✓ Methicillin-resistant Staphylococcus aureus (MRSA)
- ✓ Multidrug-resistant (MDR) Acinetobacter baumannii
- ✓ Multidrug-resistant (MDR) Pseudomonas aeruginosa
- ✓ Pseudomonas aeruginosa
- ✓ SARS-CoV-2 (COVID-19)
- ✓ Scedosporium apiospermum
- ✓ Staphylococcus aureus
- ✓ Vancomycin-resistant Enterococcus (VRE)