

Safety Net

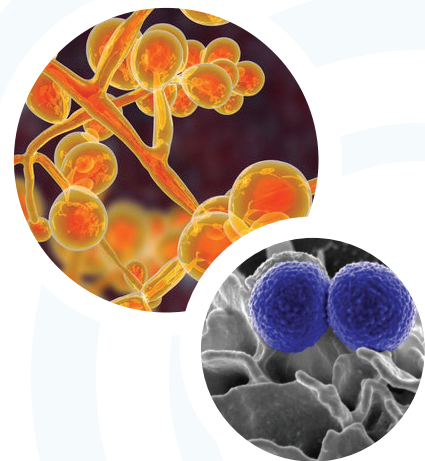


ALTAPURE®



Setting The Standard For Disinfection





KEEPING HOSPITALS SAFE

THE POST ANTIBIOTIC CHALLENGE

In 2017 the CDC announced the Post-Antibiotic Era. **“We say that because pan-resistant bacteria are now here”** says Jean Patel, who leads the CDC’s Antibiotic Strategy & Coordination Unit. **“Folks are dying simply because there is no antibiotic available to treat their infection, infections that not too long ago were easily treatable.”**¹ It is now more important than ever to protect patients and healthcare workers from these infections with technologies that can render a room safe and pathogen free.

The Altapure Disinfection Solution...

We don’t just zap bugs; we **ELIMINATE pathogens in a treated space** including C. difficile spores, C. auris, MRSA, VRE and CRE.

- Non-toxic, food safe, organic chemistry
- Safe for all electronics and equipment
- Reduces Risk and Increases Profit
- Meets the OSHA Mandate for a safe workplace.
- Exceeds EPA Disinfection performance standard.

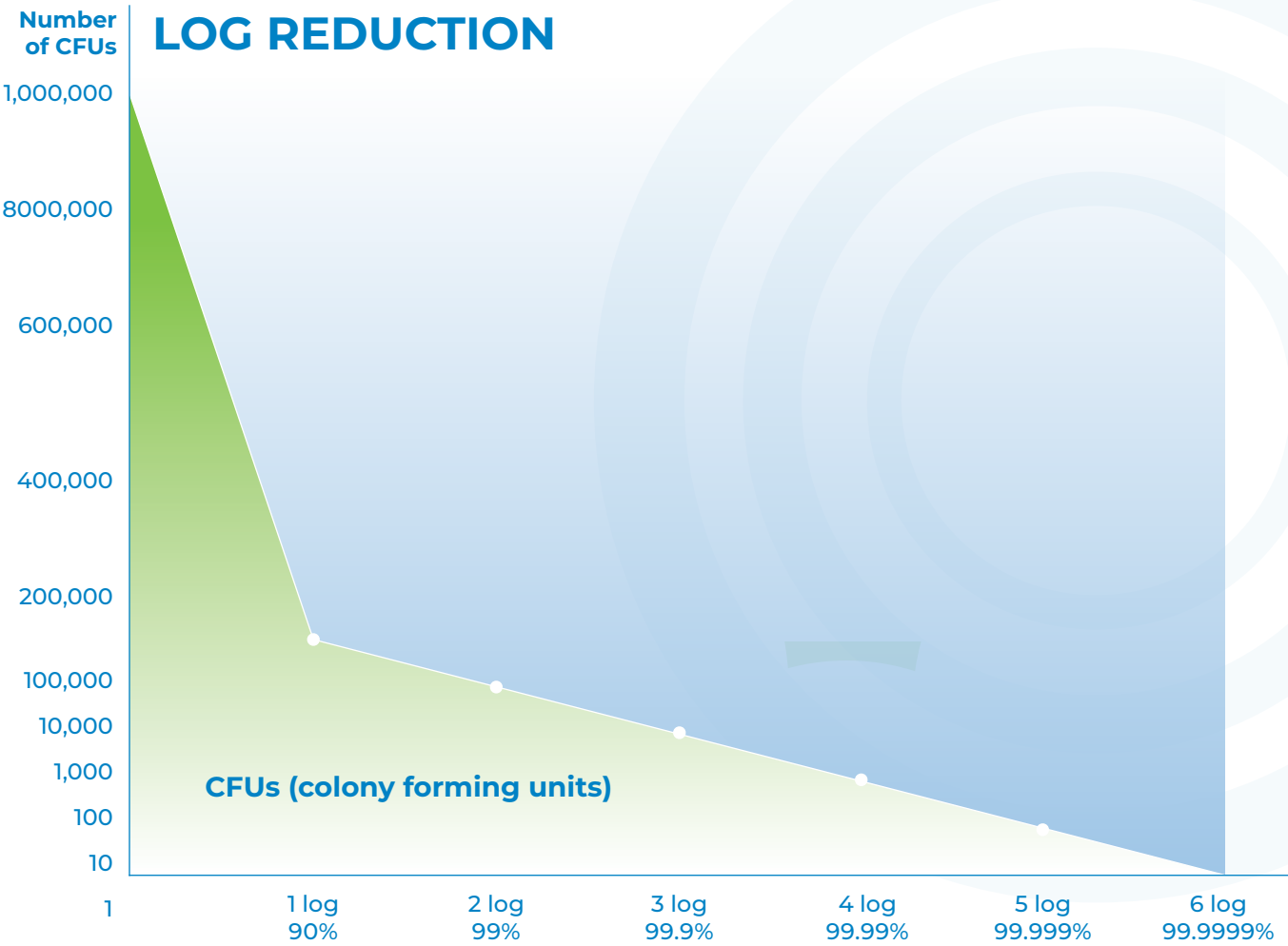
“We found that the **Altapure ultrasonic** room fogging system was **effective in eliminating C. difficile spores, MRSA, and vancomycin resistant Enterococcus** on carriers placed in multiple sites throughout hospital rooms... The efficacy of the system is supported by the information provided by the hospital system that uses the technology routinely (i.e. killing of C. stearothermophilus spores in multiple room locations)”.

Curtis J. Donskey, M.D.,
American Journal of Infection Control

GET A **≥6 log ELIMINATION OF ALL BIO-BURDEN**

Why Log Reduction is Important

Hospital surfaces can be contaminated with high concentrations of multiple pathogens. Unless those pathogens are eliminated, the bioburden will grow back in a number of hours. Starting with 6 log CFUs of S. aureus (as per the EPA standards) a 3 log reduction leaves 1,000CFUs behind which can grow to over 1,000,000 (greater than the starting CFU) in just 5 hours. Peer reviewed literature shows that pathogens are easily spread in the hospital environment transferring to other surfaces to grow new colonies or to patients and healthcare workers leading to infection. Leaving behind viable pathogens is a risk that can be averted with Altapure’s technology!



¹<https://www.wired.com/story/the-post-antibiotic-era-is-here-now-what/>
Photo credits: NIAID, Center for Disease Control (CDC), Frank DeLeo, Scientific American



NO TOUCH HIGH-LEVEL DISINFECTION

Advanced Ultrasonic Aerosol Technology

Third Party Testing Shows:

- Total elimination of all Spores/Bacteria/Viruses
- EPA registered chemistry
- Immediate occupancy in under 50 minutes*
- Compact single unit design
- Integrated HVAC vent control system
- Safe for all patient equipment
- Data feedback
- Exceeding the EPA performance disinfection definition

DESCRIPTION:

The AP-4™ is a single mobile unit platform, with a combined sub-micron aerosol output device and environmental air re-processor system. The dense sub-micron aerosol delivers gas-like performance that offers three-dimensional coverage and high-level disinfection, in hospital areas such as: patient rooms, ICUs, NICUs, isolation rooms, and operating rooms.

SPECIFICATIONS:

- Average Particle size = 0.69 micron
- Size: L = 52"(132 cm), W = 25"(63.5 cm), H = 44"(112 cm)
- Ruggedized construction using all food grade materials
- 100 - 120VAC/20A 50/60Hz, all global standard input options are available
- One year parts and labor warranty

MARKETS:

Hospitals, Outpatient Surgery Centers (ASCs), Burn Units, Dental offices, Veterinary Hospitals, Prisons, Long Term Care Facilities.

"In 2012, our Infection Prevention team implemented the **Altapure [Disinfection System]**. We choose Altapure over other options on the market due to the assurance of complete disinfection on all surfaces. **Altapure has contributed to a decrease in cross contamination in our inpatient locations.** In our outpatient clinic areas, it has successfully halted seasonal viral outbreaks among staff."

DeAnna Brown RN, CCRN

Occupational Health,
Infection Prevention
Cancer Treatment
Centers of America ®
Southwestern Regional
Medical Center



ALTAPURE

* For average size patient room of 2500cubic to 3000 cubic feet.

WHY ALTAPURE?

"The **Altapure High Level Disinfection System** has been an outstanding addition in mitigating the risk of environmental contamination of patient rooms. Our C. diff infection we've cut our hospital acquired or hospital onset cases in half...we've had no transmission of XDROs, and **we do contribute that to the Altapure system.** It's worth the investment in the long run because we've seen it with our infection rates."

Annemarie Schmocker
Infection Control Manager
Elmhurst Hospital



"It affects every corner or crevice that we can't reach ourselves."

Erik Medina
EVS Supervisor
Elmhurst Hospital

"I am extremely impressed... I have never seen any method **kill both G. stearothermophilus and B. atrophaeus in less than 15 minutes** and yours was showing all killed in under one minute. **I was floored.**"

Deb Dwyer
Director of Operations
Raven Biologic Labs

IU Health Goshen began using the Altapure unit in November of 2014. **We chose it over a UV system, because the Altapure system disinfects everything in the room...** It fits into the workflow of our Environmental Services department, since while it is running in one room they are able to clean another."

Sherry Robbins BSN, RN
Infection Preventionist
IU Health Goshen Hospital



Goshen Hospital

	ALTAPURE®	UV-C
Eliminates C. auris, MRSA, C. difficile, VRE, CRE on all exposed surfaces	YES	NO
Consistent 3-D floor to ceiling disinfection	YES	NO
Meets the EPA performance definition for disinfection	YES	NO
Disinfects patient monitoring equipment	YES	NO
Meets OSHA PEL standard	YES	NO

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