

# Breaking the chain of infection: the certified effectiveness of UV-HEROES®



## The Problem



The stethoscope, an essential clinical tool, can become a vector for cross-contamination, carrying a bacterial load comparable to that of the physician's hands.

- ① Presence of multi-drug resistant bacteria on stethoscope surfaces
- ② Transmission rate from stethoscope to patient
- ③ Ineffectiveness or impracticality of traditional cleaning methods (e.g. alcohol wipes)

## An Evidence-Based Solution

UV-HEROES® is a concrete response to a real issue: stethoscope cross-contamination. Thanks to UV-C LED technology, it provides automatic, effective, and environmentally friendly hygiene—validated through microbiological tests conducted in specialized laboratories.

A research-driven device, designed for those working in the field.

Tested Pathogen	Reduction Rate
Escherichia coli	> 99,9%
Staphylococcus aureus – MRSA	> 99,9%
Pseudomonas aeruginosa	> 99,9%

*Tests were performed on contaminated samples under controlled conditions simulating real-world use. Microbial reduction was measured against positive controls, with 2'30" exposure time. Additional data available upon request.*



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