

IDATE TECHNOLOGY



Different types of evidence are considered progressively better proof that disinfection technology will have an impact. Think of these types as a ladder to climb.

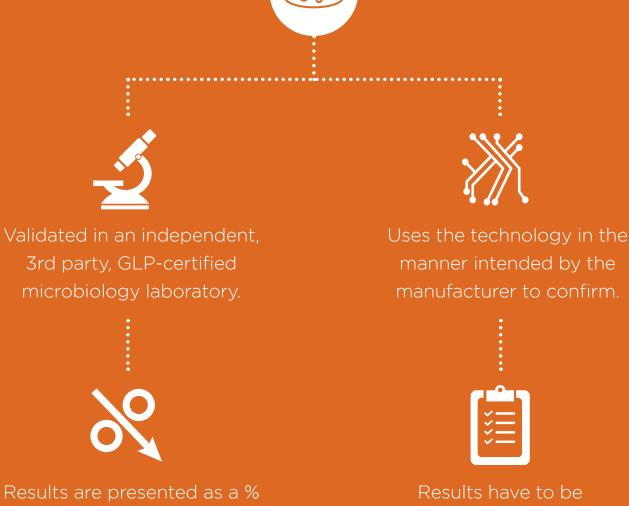
STEP

STEP

STEP PUBLISHED PEER REVIEWED HAI RATE REDUCTION **STUDIES PEER REVIEWED PUBLICATION OF ENVIRONMENT TESTING**

STEP





At an independent lab, we've validated **Xenex's efficacy**

on over 2200 samples of the most common hospital

pathogens, including C. diff and MRSA.

STEP 2

HOSPITAL ENVIRONMENT TESTING

consistent across a

large number of tests.

Clear sampling protocols:

consistent collection

methods, number of

samples, analysis process.

A test for statistical

significance, or a p-value, tells

reduction in the pathogen or

as a "log reduction".

Involves an actual

room with a known infection,

to evaluate the disinfection

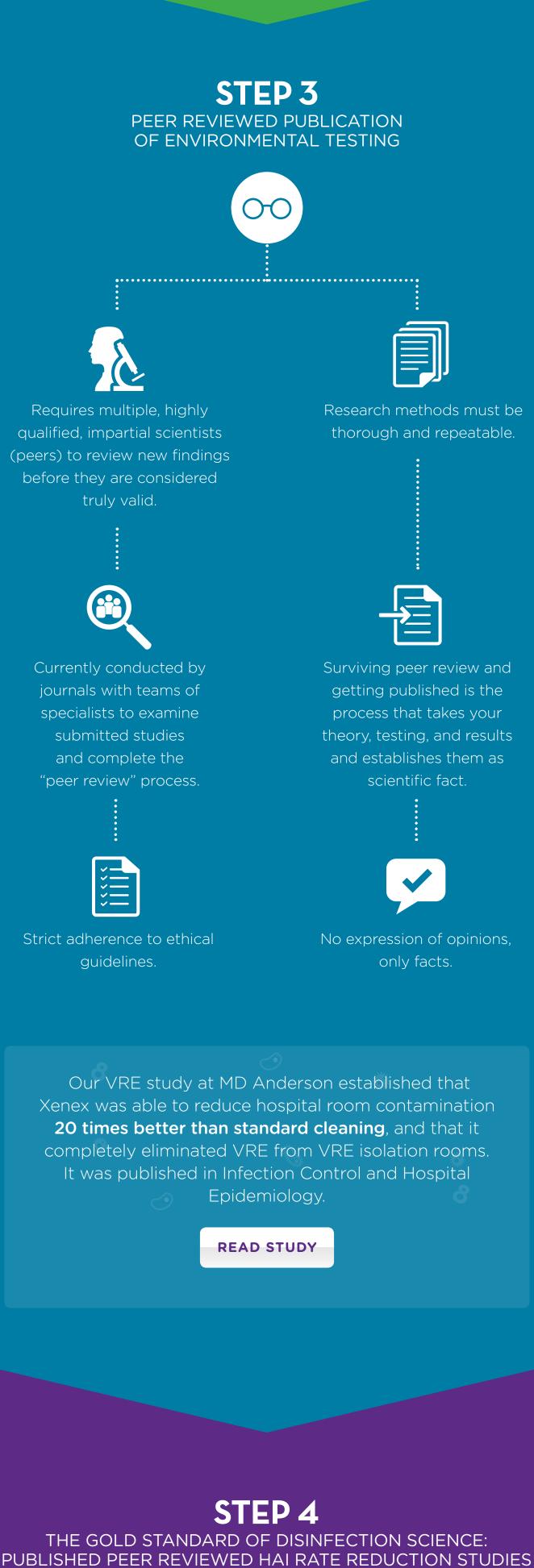
technology on true

pathogen load.

Expands on lab results

by incorporating the challenges





HAI rates - not just Other interventions - were numbers of infections but there any other programs or the frequency of infections tools being used that may

actually be responsible for

the improved outcomes, like

hand-washing initiatives?

per patient days.

This step is achieved when disinfection technology can actually

achieve a measurable, statistically significant HAI rate reduction.

To achieve this, the results from a study are examined through

the same lens as Step 3, as well as:

Peer reviewed published outcome studies often take a long time to assess, just like Westchester Medical Center's 22-month study recently published in the American Journal of Infection Control. **READ STUDY**

While many disinfection technologies have achieved

steps 1 and 2, and a few have even achieved publication,

Xenex remains the only UV disinfection system with

several published outcome studies in multiple peer

reviewed journals.

FIND OUT MORE

FOR USEFUL TOOLS, RESOURCES AND BLOGS ON UV DISINFECTION

AND INFECTION PREVENTION, VISIT XENEX.COM

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