

# Providing Peace of Mind for Residents and Future-Proofing Your Census

When reporting on a survey of Americans involved in selecting senior living communities, McKnight's Long-Term Care News revealed that **96% of respondents ranked "cleanliness" as important or extremely important** when choosing a senior living situation.

With the cleanliness and safety of a facility playing such prominent roles in selection criteria, how can your facility increase current and future resident acquisition by assuring staff, residents, and family members that you are providing a clean environment?

A combination of cleaning and disinfection is most effective for reducing harmful microorganisms in your facility's shared spaces. The right combination can also help save money on operating expenses. By enacting cleaning and disinfection protocols, you can provide residents, staff, and families with the peace of mind they need to know that your facility is striving to create healthy indoor environments.

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## So how to best protect your residents, staff, and your bottom line by making your senior care facility as clean as possible?

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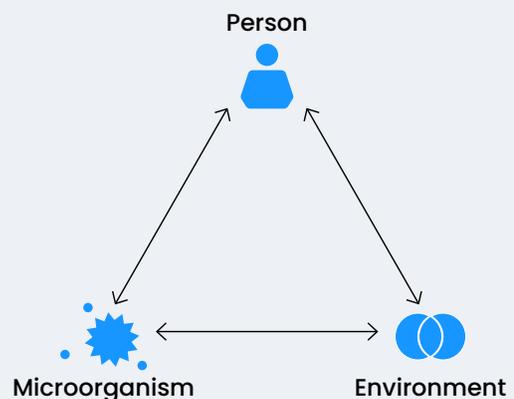
Future-proofing your census starts with addressing harmful microorganisms in your buildings and creating healthy living spaces for your residents. As you outline strategies for your facility, ensure that you are addressing personal, microorganic, and environmental factors to achieve a layered strategy for reducing risk.

### Step 1: Establish your baseline

Residents and staff deserve to interact in safer indoor environments. Indoor environmental health in senior care facilities is possible through the implementation of Healthy Buildings principles, including attention to indoor air quality, effective disinfection, and layered protocols. How are you implementing Healthy Buildings principles for your senior care facilities?

### Step 2: Understand the triangle

One of the simplest models for understanding disease is what the CDC calls the epidemiological triangle. The triangle includes three components:



### Step 3: Evaluate your current strategies

The most commonly used strategies make a difference, but the pandemic has made it clear they are not foolproof.

Common Strategy	Person	Microorganism	Environment
<b>Hand Hygiene</b>	✓ Potentially removes germs from hands	✓ Potentially removes germs from hands	✗ Does not address germs on surfaces or in air
<b>Use of Masks</b>	✓ Potentially limits airborne transmission from infected individuals	✓ Potentially limits inhalation of airborne germs for non-infected individuals	✗ Does not actively address airborne threats
<b>Surface Cleaning &amp; Disinfection</b>	✓ Removes dirt and potential germs from surfaces	✗ Does not actively protect vulnerable residents	✓ Removes dirt and potential germs from surfaces
<b>Air Filtration</b>	✓ Has limitations: traps but does not kill germs	✗ Does not actively protect vulnerable residents	✓ Has limitations: traps but does not kill germs

### Step 4: Adopt a full ecosystem solution

Protecting your residents and staff requires a comprehensive strategy that addresses all potential threats and takes into account all three elements of the epidemiological triangle.



**254nm UV-C light** disinfection can disinfect entire unoccupied rooms in just 7 minutes to dramatically reduce harmful microbial counts in an indoor environment to almost zero.\*

\*Arc has been independently verified to inactivate microorganisms including SARS-CoV-2, feline calicivirus, MRSA, and E. Coli.



**265nm upper room ultraviolet germicidal irradiation (UVGI)** can disinfect the air in occupied spaces, autonomously and continuously reducing microbial counts in occupied spaces as individuals inhale and exhale air in shared spaces.\*

\*Beam has been independently validated to inactivate microorganisms including human Coronavirus, Klebsiella aerogenes, and Staphylococcus Epidermis.



**222nm far UV light** is the only UV light safe for human exposure and can actively disinfect the air and surfaces in occupied spaces to inactivate germs, purify the air, and dramatically decrease the microbial count in residents' rooms.\*

\*Vive has been independently verified to inactivate microorganisms T1 Bacteriophage, Klebsiella aerogenes, and Staphylococcus Epidermis.