

## Hialeah Nursing and Rehabilitation Center Implements Air Cleaning and Disinfection Technology

### CASE STUDY

Hialeah Nursing and Rehabilitation Center  
Hialeah, FL

### OVERVIEW

Hialeah Nursing and Rehabilitation Center, a 276-bed skilled nursing facility, implemented WellAir's portable air disinfection devices, the Protect 200 and Protect 900, in selected areas. This study compares the total number of repeat infections, nosocomial *C. difficile* infections, and nosocomial respiratory infections before and after implementation of the units, which use WellAir's patented NanoStrike™ technology.

A 28-month review was conducted to evaluate the results.

### METHODOLOGY

A Nurse Risk Manager Consultant with RB Health Partners, Inc. visited the facility for two days to abstract information and review the data. The periods selected for aggregate pre- and post-review were a four-month period prior to the implementation and the same four-month period two years later. Comparison of like periods reduces the risk of skewed data related to seasonal variances.

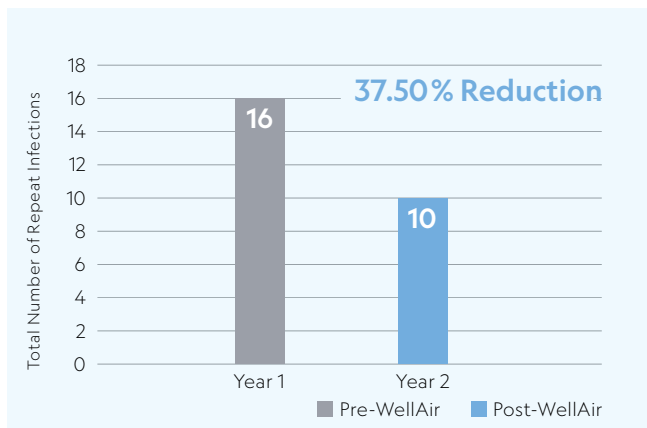
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### RESULTS

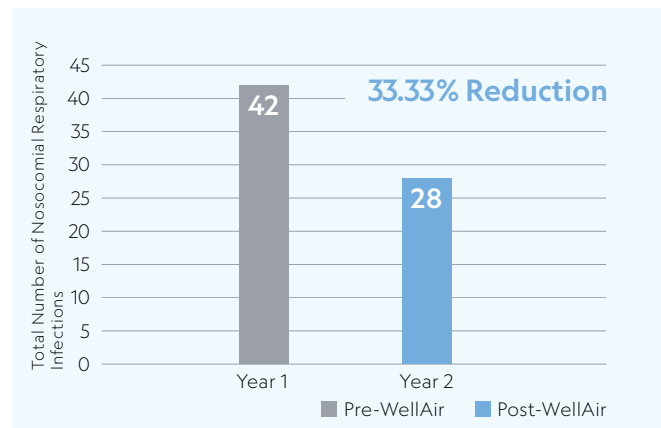
In the period after implementation of the Protect 200 and Protect 900 units in selected areas, the total number of repeat infections at Hialeah Nursing and Rehabilitation Center decreased from 16 to 10, a 37.50% reduction.

The total number of nosocomial *C. difficile* infections decreased from 11 to 0, a 100% reduction.

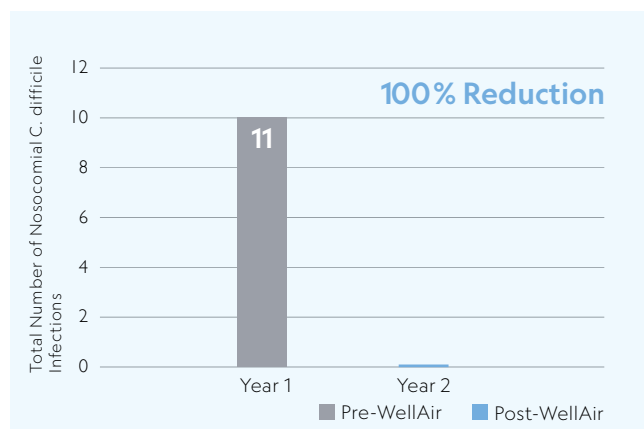
The total number of nosocomial respiratory infections decreased from 42 to 28, a 33.33% reduction.



Total repeat infections.



Total nosocomial respiratory infections.



Total nosocomial *C. difficile* infections.