

Village at Manor Park Senior Care Implements Air Disinfection Technology

CASE STUDY

Village at Manor Park
West Allis, WI

OVERVIEW

Village at Manor Park, a 130-bed continuing care retirement community, implemented WellAir's portable air disinfection devices, the Protect 900, in all patient rooms, hallways, and dining rooms. The community consists of three wings on the first floor: Park View wing, Sunny View wing, and Terrace View wing. This study compares the total number of nosocomial respiratory infections before and after implementation of the units, which use WellAir's patented NanoStrike™ technology.

A 23-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 an 9-month time period prior to the implementation and the same 9-month period the following year, after implementation. Comparison of like periods reduces the risk of skewed data related to seasonal variances.

CASE STUDY Village at Manor Park

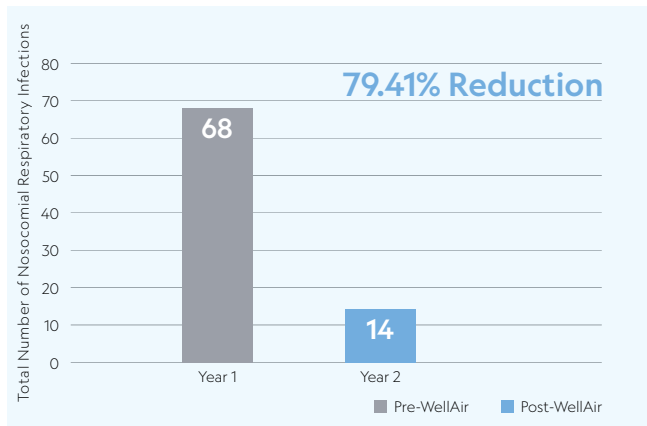
RESULTS

In the period after implementation of the Protect 900 units, the total number of nosocomial respiratory infections at Village at Manor Park decreased from 68 to 14, a 79.41% reduction.

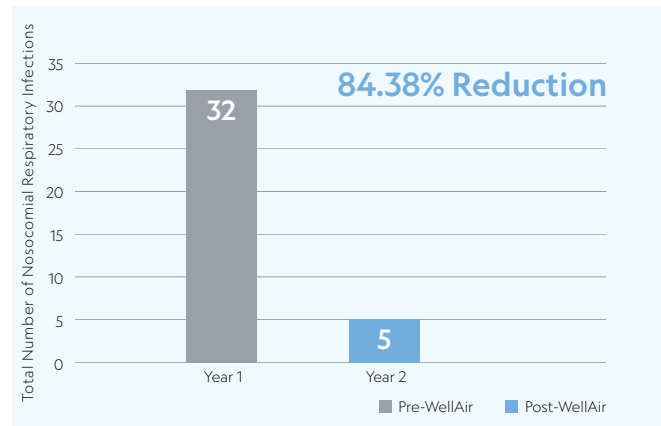
The total number of nosocomial respiratory infections in the Park View wing decreased from 16 to 5, a 68.75% reduction.

The total number of nosocomial respiratory infections in the Sunny View wing decreased from 32 to 5, an 84.38% reduction.

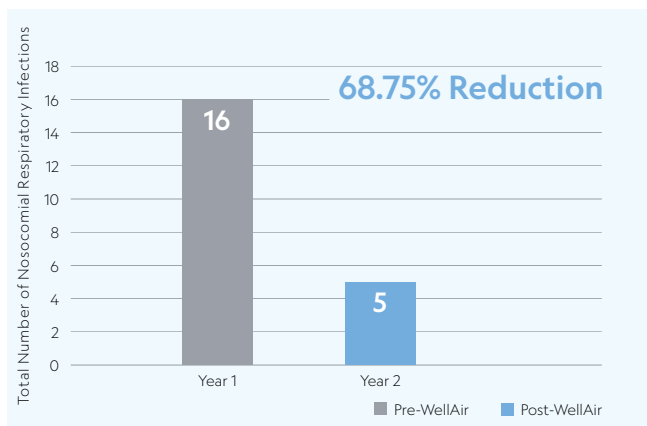
The total number of nosocomial respiratory infections in the Terrace View wing decreased from 20 to 4, an 80.00% reduction.



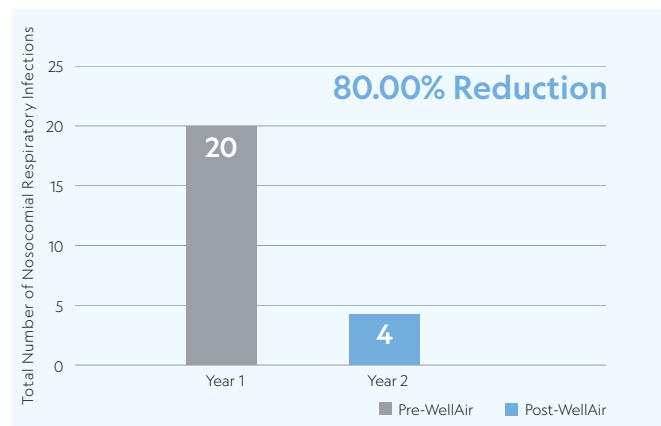
Total nosocomial respiratory infections.



Nosocomial respiratory infections in the Sunny View wing.



Nosocomial respiratory infections in the Park View wing.



Nosocomial respiratory infections in the Terrace View wing.