



Village at Manor Park Senior Care Implements Air Disinfection Technology

CASE STUDY
Village
at Manor Park
West Allis, WI

OVERVIEW



VIRUS



BACTERIA



MOLD

Village at Manor Park, a 130-bed continuing care retirement community, implemented Novaerus portable NV900 units in all patient rooms, hallways, and dining rooms beginning April/May 2015. 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 Novaerus units.

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 July 2014 through March 2015 and July 2015 through March 2016. Comparison of like periods reduces the risk of skewed data related to seasonal variances.

CASE STUDY Village at Manor Park

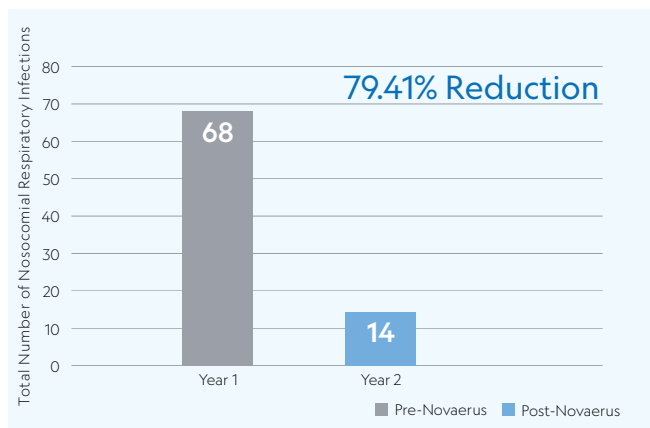
RESULTS

In the period after implementation of the NV900 units, the total number of nosocomial respiratory infections at Village at Manor Park decreased from 68 to 14, a 79.41% reduction.

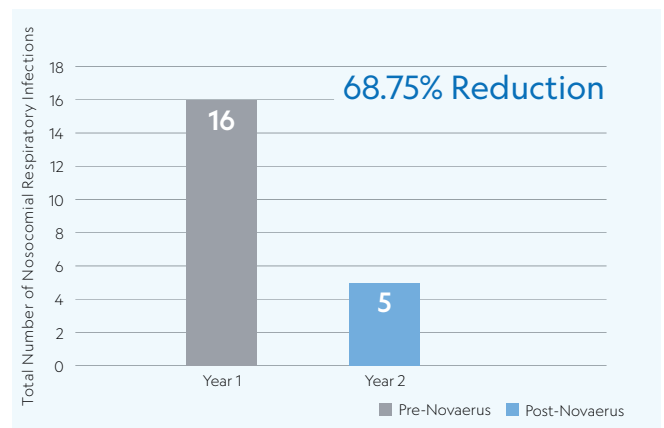
The total number of nosocomial respiratory infections in the Park View wing decreased from 16 to 5, a 68.75% reduction.

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

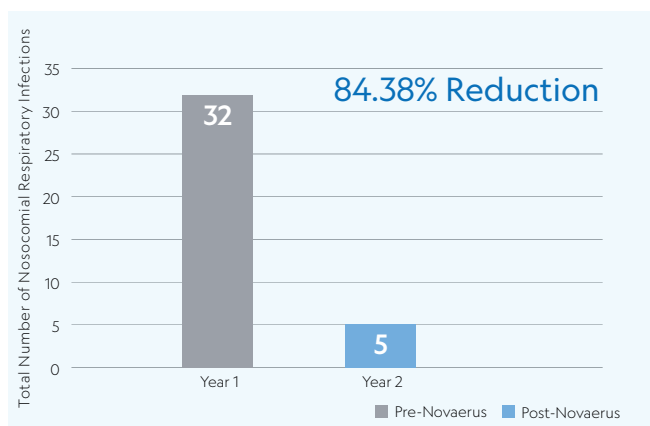
The total number of nosocomial respiratory infections in the Terrace View wing decreased from 20 to 4, an 80.00% reduction.



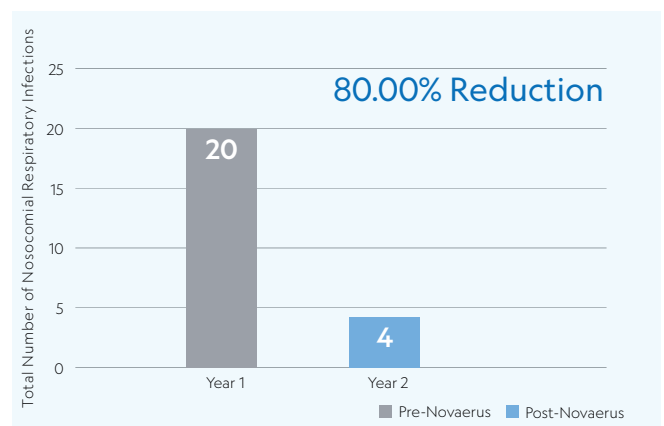
Total nosocomial respiratory infections.



Nosocomial respiratory infections in the Park View wing.



Nosocomial respiratory infections in the Sunny View wing.



Nosocomial respiratory infections in the Terrace View wing.