



Canterbury Tower Retirement Community Implements Air Disinfection Technology

CASE STUDY
Canterbury Tower
Retirement Community
Tampa, FL

OVERVIEW

Canterbury Tower, a 60-bed continuing care retirement community, implemented Novaerus's portable air disinfection devices, the Protect 800, in the hallways, dining room, and activity area. Four months later, they began implementing bedside Novaerus Protect 200 devices for each new admission, readmission, and any residents identified with any type of infection. This study compares the total number of respiratory nosocomial infections and infection rates before and after each implementation of the units, which use Novaerus's patented NanoStrike™ technology.

A 35-month review was conducted to evaluate the results of implementation.

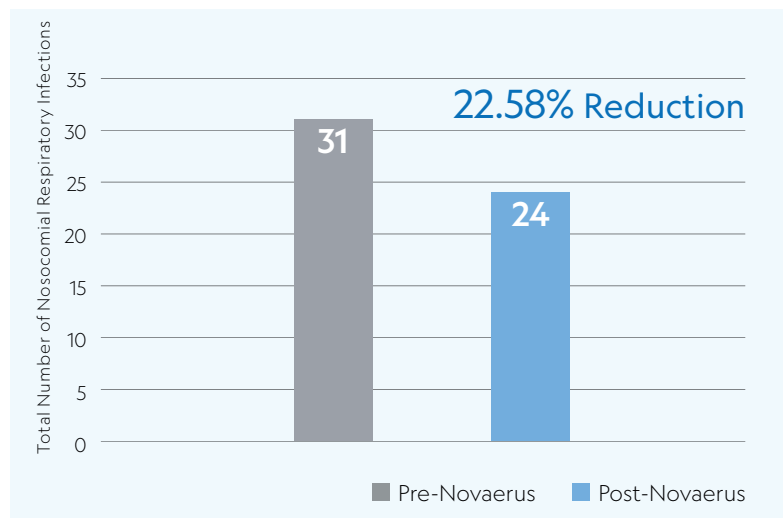
METHODOLOGY

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 initial pre- and post-review were the full year prior to the initial Protect 800 product installation and the following full year of implementation. Comparison of like periods reduces the risk of skewed data related to seasonal variances.

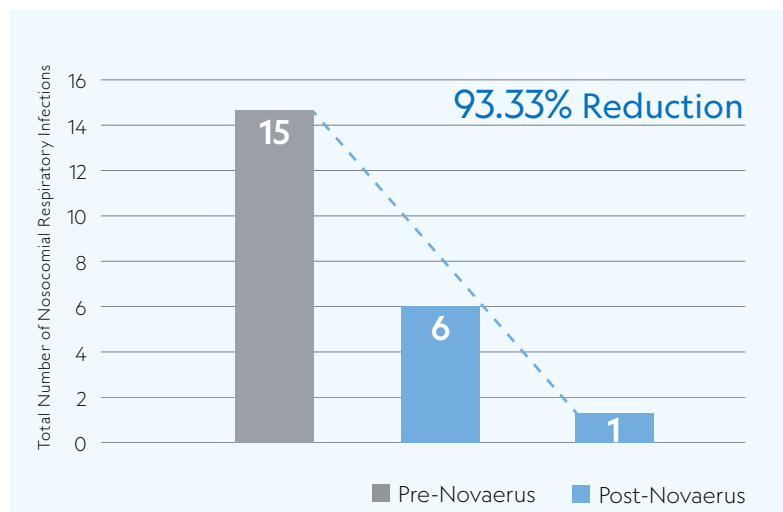
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The implementation of Novaerus Protect 200 units in targeted rooms spanned a 7-month period and was compared to the equivalent months for the following two years. This time period was selected to provide equivalent seasonal timeframes for comparison in each of the different configurations of the NanoStrike technology.

RESULTS



In the 12-month period after the initial implementation of the Protect 800 units in shared areas, the total number of nosocomial respiratory infections at Canterbury Tower decreased from 31 in year one to 24 in year two, a 22.58% reduction.



In the 7-month period after implementation of the individual Protect 200 units in targeted patient rooms, the total number of nosocomial respiratory infections decreased from 15 in year one to 1 in year three, a 93.33% reduction.