



Naamans Creek Country Manor Implements Air Disinfection Technology

CASE STUDY
Naamans Creek
Country Manor
Garnet Valley, PA

OVERVIEW



BACTERIA

Naamans Creek Country Manor, a 90-bed, two-story skilled nursing facility, implemented Novaerus portable air disinfection units from the Protect range in selected areas in March 2014.

This study compares the total number of nosocomial respiratory infections and nosocomial *C. difficile* infections before and after implementation of the Novaerus units.

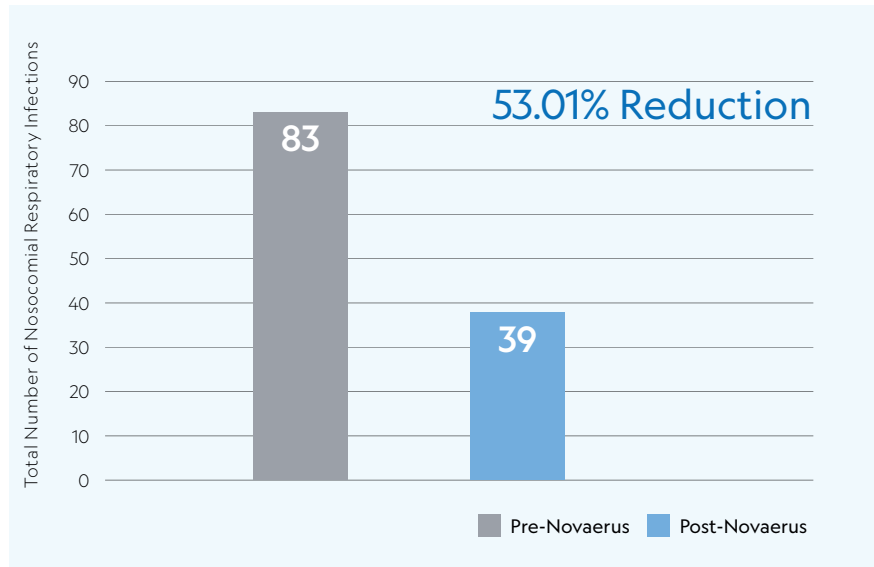
A 28-month review was conducted to evaluate the results.

METHODOLOGY

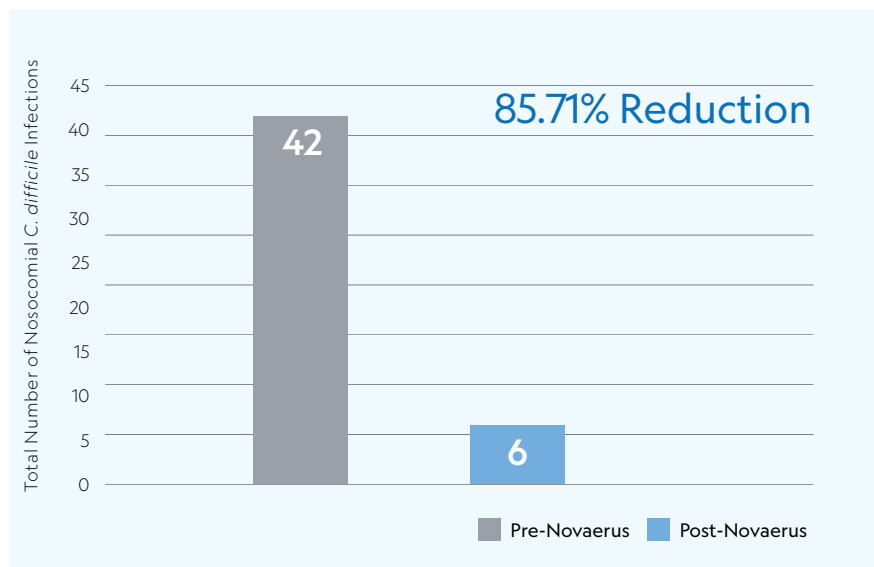
A Nurse Risk Manager Consultant with RB Health Partners, Inc. visited the facility for two days to abstract information and review the data. The periods selected for aggregate pre- and post-review were April 2013 through February 2014 and April 2014 through February 2015. Comparison of like periods reduces the risk of skewed data related to seasonal variances.

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RESULTS



In the period after implementation of the Protect units in selected areas, the total number of nosocomial respiratory infections at Naamans Creek Country Manor decreased from 83 to 39, a 53.01% reduction.



The total number of nosocomial *C. difficile* infections decreased from 42 to 6, an 85.71% reduction.