



Hialeah Nursing and Rehabilitation Center Implements Air Disinfection Technology

CASE STUDY

Hialeah Nursing and Rehabilitation Center
Hialeah, FL

OVERVIEW

Hialeah Nursing and Rehabilitation Center, a 276-bed skilled nursing facility, implemented the Novaerus portable NV200, NV400, and NV900 units in selected areas in October 2012. This study compares the total number of repeat infections, nosocomial *C. difficile* infections, and nosocomial respiratory infections before and after implementation of the Novaerus 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 January through April of 2012 and 2014. Comparison of like periods reduces the risk of skewed data related to seasonal variances.

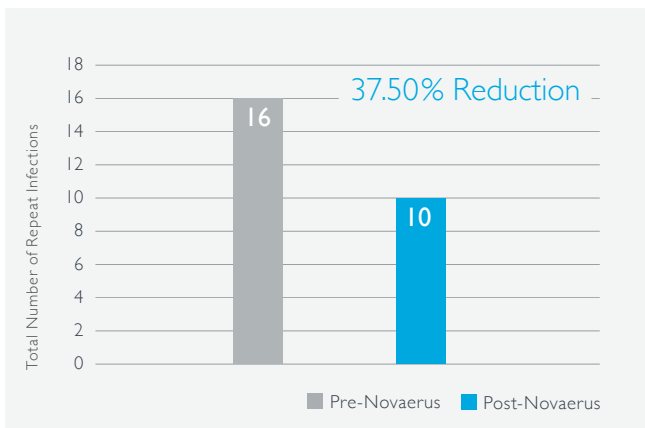
CASE STUDY Hialeah Nursing and Rehabilitation Center

RESULTS

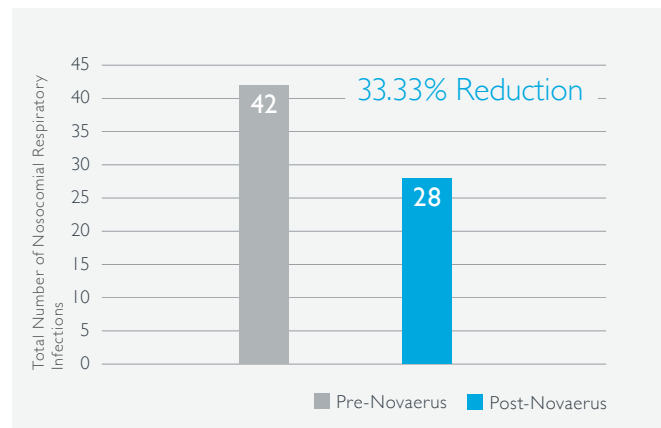
In the period after implementation of the NV200, NV400, and NV900 units in selected areas, the total number of repeat infections at Hialeah Nursing and Rehabilitation Center decreased from 16 to 10, a 37.50% reduction.

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

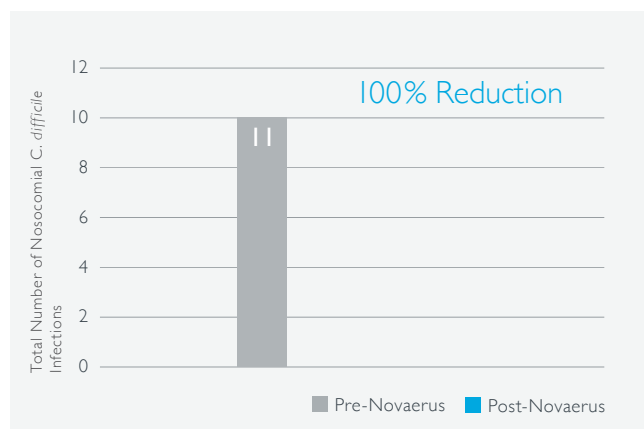
The total number of nosocomial respiratory infections decreased from 42 to 28, a 33.33% reduction.



Total repeat infections.



Total nosocomial respiratory infections.



Total nosocomial *C. difficile* infections.