



Vernon Manor Health Care Center Implements Air Disinfection Technology

CASE STUDY

Vernon Manor
Health Care Center
Vernon, CT

OVERVIEW

Vernon Manor Health Care Center, a 120-bed skilled nursing facility, implemented the Novaerus portable NV900 units in the main hallways throughout the facility and the NV200 units intermittently in select patient rooms in April 2014. This study compares the total number of respiratory nosocomial infections before and after implementation of the Novaerus technology.

A 24-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 June 2013 through February 2014 and June 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 NV900 units in main hallways and NV200 units in select patient rooms, the total number of nosocomial respiratory infections at Vernon Manor Health Care Center decreased from 59 to 24, a 59.32% reduction.

