

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 WellAir's portable air disinfection devices, the Protect 900, in the main hallways throughout the facility and the Protect 200 intermittently in select patient rooms. This study compares the total number of respiratory nosocomial infections before and after implementation of the units, which use WellAir's patented NanoStrike™ 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 a 9-month time period prior to the implementation and the same 9-month period the following year, after implementation. 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 900 units in main hallways and the Protect 200 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.

