



Broward Children's Comprehensive Care Center Implements Air Disinfection Technology

CASE STUDY
Broward
Children's Center
Pompano Beach, FL



VIRUS



BACTERIA



MOLD

OVERVIEW

Broward Children's Centre, a 36-bed pediatric care facility, implemented the Novaerus portable NV900 units in selected rooms and areas in November 2013. This study compares the total number of respiratory nosocomial infections before and after implementation of the Novaerus technology.

A 20-month review was conducted to evaluate the results.

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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 August of 2013 and 2014. Comparison of like periods reduces the risk of skewed data related to seasonal variances.

RESULTS

In the period after implementation of the NV900 units in selected rooms and areas, the total number of nosocomial respiratory infections at Broward Children's Center decreased from 29 to 14, a 51.72% reduction.

