Evaluation Area

• Patient room 425 (Challenge area)

Study Criteria

• Determine placement and number of units (220 sq. ft., one VS02 & one VS03, positive pressure)
• Take pre- and post-installation air and surface samples for total bacteria & fungi counts
• Independent lab analyzed the samples
• Outdoor weather and hallway environmental conditions were different pre to post-testing
• Patient room 425 was terminally cleaned before pre-testing, but not before post-testing

Results of VidaShield Testing

• Reduction of airborne bacteria levels: 86%
• Reduction of airborne fungi levels: 54%
• Contributed to reduction in fungi surface pathogens: 26%
• Fungal samples are impacted mostly by environmental conditions and inanimate objects brought into the unit; whereas, bacteria levels are often impacted by people.

CONCLUSIONS:

The VidaShield system reduced airborne bacteria levels 86% and fungi levels 54%. Surface fungi levels were reduced 26%. There was no terminal cleaning performed prior to post-installation testing which likely contributed to a rise in bacteria surface levels.