



ENVIRONMENTAL STUDY RESULTS

Desert Springs Hospital, NEVADA – JANUARY 26, 2016



Photos of VidaShield Installations in the POD

Evaluation Area

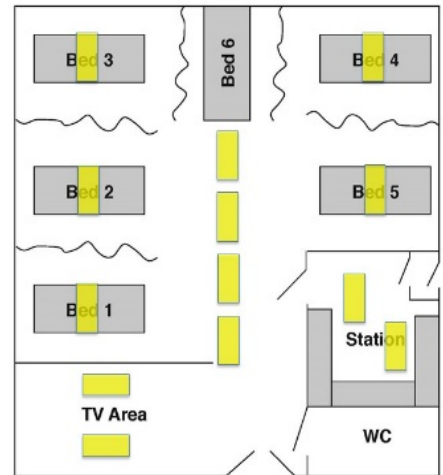
- Psychiatric unit (controlled access area) in emergency department

Study Criteria

- Determine placement and number of VidaShield units (13 units to cover size of the room)
- Take pre- and post-installation air and surface samples for total bacteria counts in POD
- Independent lab analyzed the samples

Results of VidaShield Testing

- Reduction of airborne bacteria levels: **80%**
- Contributed to reduction in surface bacteria: **66%**
- Three different shifts of nurses and staff commented on the improvement in the quality of the air and the absence of odors common to the area. One even commented that her allergies weren't bothering her anymore.
- Conditions in the POD, pre- and post-sampling, were the same with a couple of exceptions related to patient activity.



Distribution of VidaShield lights within the POD area.

CONCLUSIONS:

The VidaShield system reduced airborne bacteria levels at 80% and reduced surface levels 66%. In addition, staff reported improvement in odors and air quality, as well as a noticeable difference in allergy symptoms.

