

# Environmental Study Results for Air & Surface Analysis

## Acute Care Hospital, MA January 20-21, 2016



### Evaluation Areas – ICU & OR Break Room

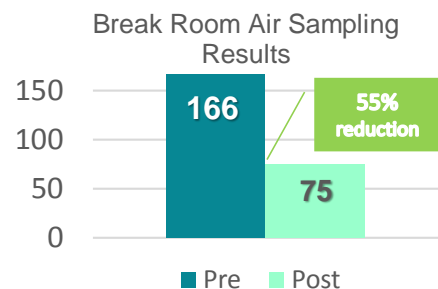
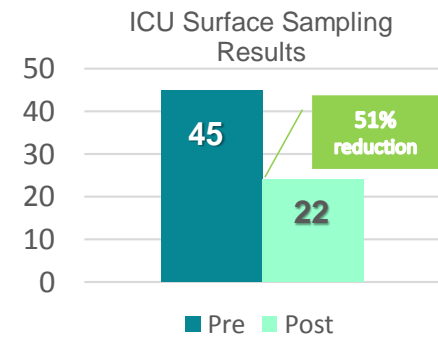
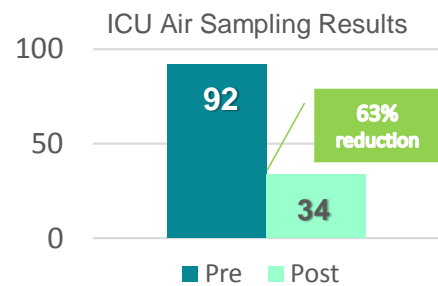
- 21 VidaShield units installed in ICU hallways & ICU patient rooms
- Controlled access/heavy traffic in the ICU
- 6 VidaShield units installed in OR break room
- Heavy contamination, closed door and lots of traffic from staff moving in and out

### Study Criteria

- Determine placement and number of units (6 VS01 units in break room per 100sq. ft., 1 per ICU patient room and throughout hallways)
- Take Pre- and post-installation air and surface samples for total bacteria counts
- Independent lab analyzed the samples

### Results of VidaShield Testing

- Reduction of airborne bacteria levels in ICU: **63%**
- Reduction of surface bacteria levels in ICU: **51%**
- Reduction of airborne bacteria levels in break room: **55%**
- Reduction of surface bacteria levels in break room: **48%**



### Conclusions:

Environmental testing confirms that the VidaShield reduces the levels of bacteria in both the air and on the surfaces in heavily contaminated areas like an OR break room or ICU from 48-63%.