

# DEPARTMENTAL BACTERIAL BURDEN REDUCTION



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## **REDUCTION OF THE BACTERIAL BURDEN IN THE DEPARTMENT OF RADIOLOGY:**

Our project included quantifying and qualifying the bacterial burden of the most commonly touched surfaces in the radiology department to include resident/technologist workstations as well as patient imaging areas. All surfaces will be re-swabbed at 6 months after educating residents, faculty and technologists with these initial results and providing numerous visual reminders to clean work areas frequently. There was a significant reduction in the resident workstation bacterial burden at follow-up after resident education and implementation of visual and digital reminders.

Preliminary data at technologist workstations and imaging areas showed bacterial burden paralleling that previously seen in MUSC and VA ICUs.

No MRSA or VRE was isolated on ANY surface sample.

Radiology technologists have been educated via visual and visual reminders placed around the department. We will perform follow up cultures at six months time to determine interval improvement in bacterial bulk in these technologist and imaging areas.