

JERSEY SHORE UNIVERSITY MEDICAL CENTER

CLEANING AT THE SPEED OF LIGHT



Crothall Healthcare has redefined “patient experience” in hospital settings, with processes that build value into health care activities while improving outcomes and generating more time for patient care. Jersey Shore University Medical Center (JSUMC), a 546-bed hospital and trauma center in the Meridian health family of health care, has partnered with Crothall to fight hospital-acquired infections (HAIs) with capital investment and improved procedures.

Surfacide® is an automatic disinfection system that uses shortwave ultraviolet (UV-C) light to destroy C.Diff, MRSA, and other drug-resistant pathogens. Improving on previous single-emitter designs, Surfacide® utilizes a triple-emitter array to eliminate “shadows” – surfaces UV light cannot reach – and cut disinfection time. Crothall acquired a Surfacide® triple emitter system for JSUMC to fight the medical intensive care unit’s few reported infections.

“The staff did hand-washing promotions and such, but the one big change starting in April was they used Surfacide® after every discharge,” said Chad Haraschak, Crothall Resident Regional Manager of Environmental Services for Meridian Health System. “In four months, we went from a handful of HAIs in the medical ICU to none at all. The results were so convincing that Meridian bought six sets for their five hospitals.”



0
HAIs

WITHIN
4 MONTHS



**BEST
PRACTICE**

SURFACIDE® IS ADDED
TO CROTHALL'S
PROVEN 10 STEP
PROCESS TO ENSURE A
CLEAN ENVIRONMENT



MAKING SENSE OF SURFACIDE®

Surfacide® is used in addition to Crothall's proven ten steps to ensure a clean environment. Housekeepers included the treatment after every discharge in the medical ICU, and new protocols were added to better cooperate with clinical teams. "There are units at other hospitals in the region, though we may be the only system to make Surfacide® part of the daily routine," said Haraschak.

Patients with risky pathogens are identified by the Infection Control unit, who can request Surfacide® cleaning for specific rooms. The trial Surfacide® unit was successfully deployed to prevent a norovirus outbreak after the infectious agent entered with a patient.

CONSISTENTLY CLEAN

"Surfacide® and Crothall are great at Meridian; we're all focused on results," said Susan Hanrahan, Meridian Infection Control Manager at JSUMC. "We all learned together that the key is consistency, using the equipment properly and every day." Hanrahan's continuing study with the Centers for Disease Control and Prevention (CDC) on HAIs at JSUMC is showing a statistically significant decrease throughout the ICU with Surfacide®.

Collaboration with other departments was essential to the process. "We have to be careful with anything that would add turnaround time, but everyone saw the success was worth it," said Hanrahan. "Facilities Management saw fewer HAIs, nurse managers saw happier patients, and administration saw a worthy investment."

EFFICACY OF SURFACIDE®



REAL RESULTS

The efficacy of Surfacide® was proven starting in August 2015 when other units in JSUMC requested it be moved to their units for application. While it dropped HAI's in those units the HAI rates returned to the medical ICU. HAI's dropped to zero again when Surfacide® was reinstated as part of the daily housekeeping routing in the medical ICU.

"We lean on Surfacide® for everything: leaks, surges of communicable illness in the ER, anything of epidemiological importance," said Hanrahan. "Something that destroys a pathogen's DNA really sells itself and we feel more confident giving care."

To learn what Crothall can do for your organization, call **1-877-4CROTHALL** (1-877-427-6842).