Target: **HAI**
Hospital Acquired Infection

Test: Enhanced Environmental Cleaning with H2O2 Gas and Effect on HAI Rates and Acquisition of Methicillin Resistant MRSA and VRE

Issues: Report on results from a 12/8 CIMR® Installation.

Results: HAI was reduced 48%
VRE was reduced 56%
MRE was unchanged at 1.5 to 1.9

Infections Caused by:
Staphylococcus aureus, E-Coli, Listeria monocytogenes, Candida albicans, treptococcus, and PseudomonasSanitizer

Sanitizer This technology is an ozone-free process that continuously disinfects viruses, bacteria, and fungi by producing 0.02 ppm of hydrogen peroxide (H2O2) gas from oxygen and water vapor in the air.

Benefit Proven by Testing
96.4-99.9% instantaneous reduction of Staphylococcus aureus, E-Coli, Listeria monocytogenes, Candida albicans, Streptococcus, and Pseudomonas

Test Outcome Summary Statement:
CIMR® technology achieves instantaneous disinfecting of surfaces.

Attachments:
Enhanced Environmental Cleaning with Hydrogen Peroxide (H2O2) Gas and the Effect on Hospital-Acquired Infection (HAI) Rates and Acquisition of Methicillin Resistant Staph Aureus (MRSA) and Vancomycin Resistant Enterococci (VRE) S Silvestri and CA Muto University of Pittsburgh Medical Center, Pittsburgh, PA 15213

- Full Report: Presented at Fifth Decennial International Conference on Healthcare-Associated Infections March 18-22, 2010
- Summary Report