

Healthcare-associated Infections

MEASURE DESCRIPTION	UC IRVINE MEDICAL CENTER (October 2017 – June 2018)		NATIONAL AVERAGE (Standardized Infection Ratio)
	Lower is Better	Higher is Better	
Central line-associated bloodstream infections (CLABSI - ICU + select Wards)	0.475		0.784
Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) blood laboratory-identified events (bloodstream infections)	0.655		0.867
Clostridium difficile (C. diff)	0.342		0.766

What are we doing to improve:

CLABSI: UC Irvine Medical Center has an ongoing CLABSI performance improvement team that supports best practices for insertion, maintenance and discontinuation. This team developed a novel central line insertion site assessment (CLISA) scoring tool that focuses on identifying at risk lines, currently implemented in our inpatient care units and outpatient infusion centers. Regular reviews of CLABSI cases are conducted during the reporting quarter.

MRSA: UC Irvine Medical Center is participating in a new public health/CDC initiative in Orange County called SHIELD OC. This is a regional intervention using antiseptic soaps for bathing and iodophor to cleanse the nose in an effort to reduce MDROs in health care settings across the entire community. UC Irvine Health has instituted daily housewide bathing of all inpatients with chlorhexidine soap and decolonization of all ICU patients. UC Irvine Health is trialing WHONET, a global microbial tracking surveillance program for infectious diseases that assists in effective cluster identification, containment, and control of MDROs such as MRSA.

C. diff: Numerous interventions driven by a UC Irvine Medical Center Lean Six Sigma team include focus on : Hand hygiene, environmental cleaning, high-touch item cleaning, appropriate use of isolation precautions, appropriate testing for clinical patients, antibiotic stewardship, improved clinical documentation.