The goal of this project was to evaluate if the implementation of daily baths with disposable Chlorhexidine (CHG) bath wipes, would decrease CLABSI rates in the PICU.

Process Measure: Chart audits performed to determine if CHG baths are being documented by staff.

Outcome Measure: Comparison of Pre and Post Implementation CLABSI rates.

Aligned with UCM 2014 Annual Operating Goal of decreasing our overall CLABSI rate to 0.5 per 1000 central line days.

Multidisciplinary group met to discuss plans for improvement.

Literature search on the use of CHG wipes performed and information gathered was reviewed.

Looked specifically for information in the pediatric patient population.

Written protocol was developed on the patient criteria and instructions for use of wipes.

• Included relevant literature supporting the use of CHG wipes in the pediatric population.
• All staff nurses the protocol and appropriate documentation of use of wipes.
• Informational flyer on CHG baths was created and given to applicable patients/families upon admission.

Practice Change: Effective September 2013 all patients in the PICU with a central line are bathed daily with disposable CHG bath wipes, unless they meet exclusion criteria.

Since implementation of the CHG baths in September of 2013, PICU has had one CLABSI, which is equivalent to a rate of 0.6 CLABSI per 1000 central line days.

To date this is an overall decrease from the previous fiscal year’s rate of 1.2 CLABSI per 1000 central line days.

Nursing, Patient and Family satisfaction with use of the CHG baths.

Consider the cost/benefit of use of CHG baths for decreasing CLABSI’s.

Nurses find use of CHG baths quick and effective. Eliminates step of moisturizing as bath wipes include moisturizing ingredients and additional lotions are not recommended.

Continue to monitor CLABSI rates, auditing for compliance with use, and any adverse events associated with use of CHG bath wipes.

Recommend consideration of expanding use to other pediatric areas with high volume of central line use.