

Shoals Hospital C.A.U.T.I. Reduction Success Story



Shoals Hospital in Muscle Shoals, AL is an affiliate of RegionalCare Hospital Partners

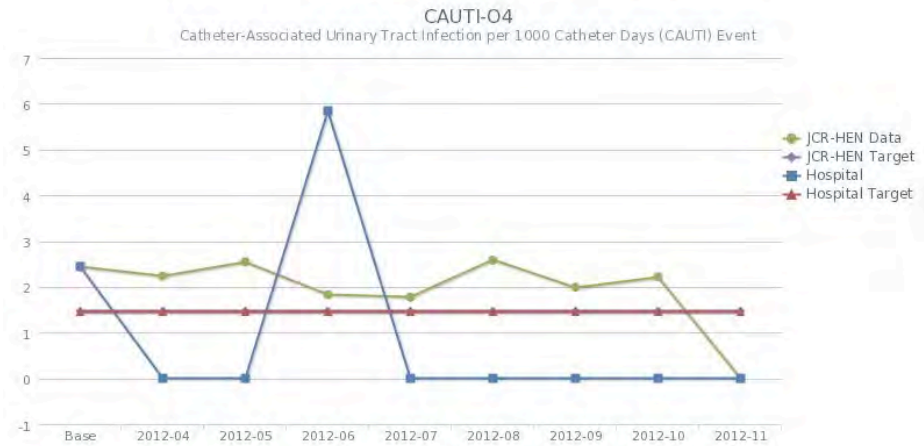
Submitted by the J.C.R. H.E.N. with hospital permission

Shoals Hospital, in Muscle Shoals, AL, recognized the impact a Catheter Associated Urinary Tract Infection (C.A.U.T.I.) can have on patients from pain, discomfort, complications, increased length of stay and cost. Noticing a slight increase in the C.A.U.T.I. rates over the last months of the 2011 year the facility chose to focus on C.A.U.T.I. reduction through the H.E.N. network in 2012. A C.A.U.T.I. team was developed to evaluate the current state of the facility and implement changes to improve the quality of care for patients and promote best practices for the care of patients with indwelling catheters. The C.A.U.T.I. team focused on five goals:

- Reduce C.A.U.T.I. Rates by 10%
- Eliminate fragmentation of care across units
- Improve teamwork
- Promote best practice guidelines for patients with indwelling catheters
- Eliminate gaps in the urinary catheter process

In meeting these goals, the organization faced several challenges, including interdisciplinary collaboration, availability of supplies, large house wide education on reduction initiatives, and accurate specimen collection. With strong administrative support, the team evaluated the current state through S.W.O.T. (Strengths, Weaknesses, Opportunities, and Threats) analysis, high level flow diagrams, and cause and effects diagrams to recognize gaps in care and opportunities for improvement. The team implemented nurse driven urine catheter protocols, focused on the use of the I.H.I. catheter maintenance bundle; educated staff on all elements of the bundle; educated nursing staff on specimen collection techniques and collaborated with the laboratory on specimen collection needs; reached out to local nursing schools regarding re-education on specimen collection and catheter insertion techniques; involved and educated disciplines outside of nursing on care of patients with indwelling catheters; and provided catheters with urine meters to more care areas to improve compliance with maintaining closed systems. The team has seen positive results of their efforts:

Shoals Hospital C.A.U.T.I. Reduction Success Story



To sustain the change, the organization has embedded into the system daily assessment of urinary catheter necessity and electronic prompts/reminders of the I.H.I. catheter maintenance bundle.

Respectfully submitted by Amy Seay, Infection Preventionist Date: Dec. 20, 2012