

## **SUSTAINING A CAUTI PREVENTION BUNDLE**

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**Background Information:** Catheter Associated Urinary Tract Infection (CAUTI) prevention is an institutional effort to reduce the rate of nosocomial infection in acutely ill oncology patients. Sustaining a CAUTI prevention program in the Post Anesthesia Care Units (PACU) can present challenges. The onboarding of new staff members and practice change for tenured staff presented opportunities for improvement in maintaining CAUTI prevention measures.

### **Objectives of Project:**

- Sustain CAUTI prevention measures in PACU one year post institutional adaption of new CAUTI bundle.
- Organize unit based CAUTI champions to educate and motivate compliance among the staff.
- Identify barriers to practice, conduct audits monthly to evaluate compliance.
- Provide monthly feedback to staff regarding progress of institutional goals “Zero CAUTI” and address areas of non-compliance.
- Collaborate with patient care technicians, clinical nurses, infection control team, quality improvement department, electronic health record team and physicians to assure best practices are sustained.

**Process of Implementation:** Unit based CAUTI champions were established. The CAUTI champions signed a statement of accountability to the team and PACU. Each team member conducted 5 random audits monthly. CAUTI champions provided feedback to clinical team members and leadership when noncompliance was noted. Audits were tabulated, graphed and presented monthly to clinical team members. Action items were assigned to CAUTI members based on noted deficiencies.

**Statement of Successful Practice:** Quarterly data from CAUTI audits indicated areas of improvement. Evaluating and developing action items based on data can improve compliance and sustainability of CAUTI measures as indicated by insertion education documentation improving from 66% compliance to 98% compliance. Daily physician necessity documentation improved from 70% compliance to 98% compliance.

**Implications for advancing the practice of Perianesthesia nursing:** Sustaining a CAUTI bundle in the PACU setting can be challenging. However, the use of CAUTI champions, CAUTI bundle, consistent auditing, and development of action items based on findings could decrease incidence of CAUTI and increase compliance.