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CAUTI: What are we testing?

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Background:

- Catheter Associated Urinary Tract Infections (CAUTI) are deemed never events by CMS.
- CDC estimates 17-69% of CAUTIs are preventable.
- Every day a catheter is in place, the risk increases by 3-7%.
- Current recommendations for CAUTI reduction include:
 - Education strategies
 - CHG bathing and Catheter Care
 - Catheter Avoidance
 - Policies for insertion
 - Urine testing stewardship
- Our unit experienced an increase in CAUTI incidence in May and June of 2020
- Drill downs showed near 100% compliance from nursing modifiable risk factors
- Drill downs identified opportunities for improvement in urine testing stewardship

Methods:

- Databases Searched: Pubmed, Embase, CINAHL
- Search Terms: CAUTI, Biofilm, Fever, reduction

In this evidence-based PI project:

- Interdisciplinary Collaboration
- Educational intervention
- Multi-disciplinary accountability
- Implementation of a practice change obtaining urine specimen

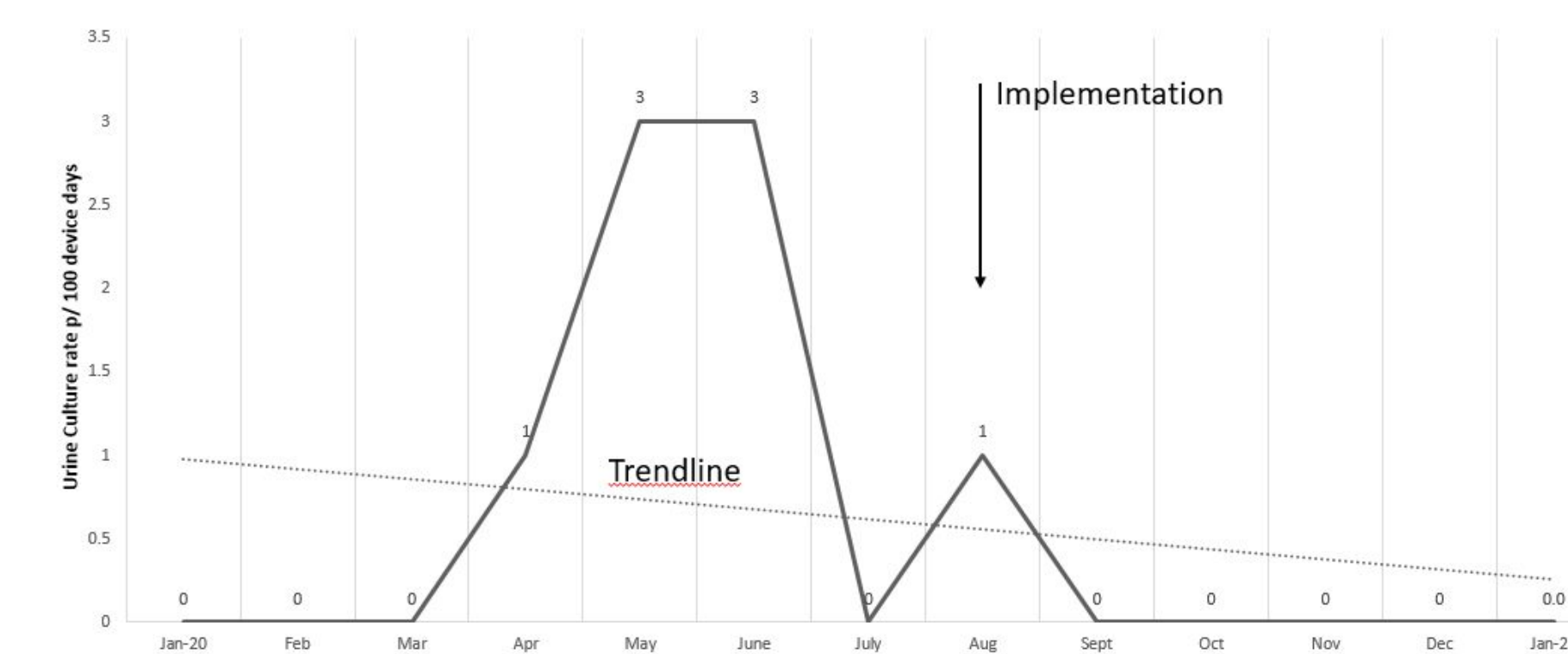
led to **73%** reduction in urine culture testing and a **0** CAUTIs since implementation



Findings:

- Education provided to multi-disciplinary team
- Educational areas included: CAUTI vs CAASB, Biofilm, Fever related to CAUTI, Incidence of symptomatic CAUTI, Ongoing best practices
- Implemented practice change to replace catheter when obtaining urine specimen
- Conducted daily prevalence studies for data collection and direct follow up with nurses and provider to ensure adherence to education and practice changes

STICU CAUTI



STICU Urine Culture Rate p/100 device days

