

CentraCare Health

DigitalCommons@CentraCare Health

Nursing Posters

Posters and Scholarly Works

2023

ICU CAUTI Incidence Reduction

Michelle Gamble

CentraCare Health, gamblem@centracare.com

Follow this and additional works at: https://digitalcommons.centracare.com/nursing_posters



Part of the [Critical Care Nursing Commons](#), and the [Other Nursing Commons](#)

Recommended Citation

Gamble, Michelle, "ICU CAUTI Incidence Reduction" (2023). *Nursing Posters*. 159.
https://digitalcommons.centracare.com/nursing_posters/159

This Book is brought to you for free and open access by the Posters and Scholarly Works at DigitalCommons@CentraCare Health. It has been accepted for inclusion in Nursing Posters by an authorized administrator of DigitalCommons@CentraCare Health. For more information, please contact schlepers@centracare.com.

ICU CAUTI Incidence Reduction

Michelle Gamble, BSN, CCRN-K
St Cloud Hospital, St. Cloud, Minnesota



Situation

Catheter-Associated Urinary Tract Infection (CAUTI) rates in the adult Intensive Care Unit (ICU) increased from nine infections in FY21 to 18 in FY22.

Background

CAUTIs are the most reported healthcare acquired infection. It is important for healthcare providers to understand the complications and effects of CAUTIs. CAUTIs contribute to extended length of stay, increased healthcare costs, and patient morbidity and mortality.

Most CAUTIs are directly related to inadequate urinary catheter care. Evidence based practice demonstrates a decrease in CAUTIs related to the use of Theraworx® Protect wipes twice daily (BID) and as needed (PRN) for patients with a urinary catheter.

Team Members

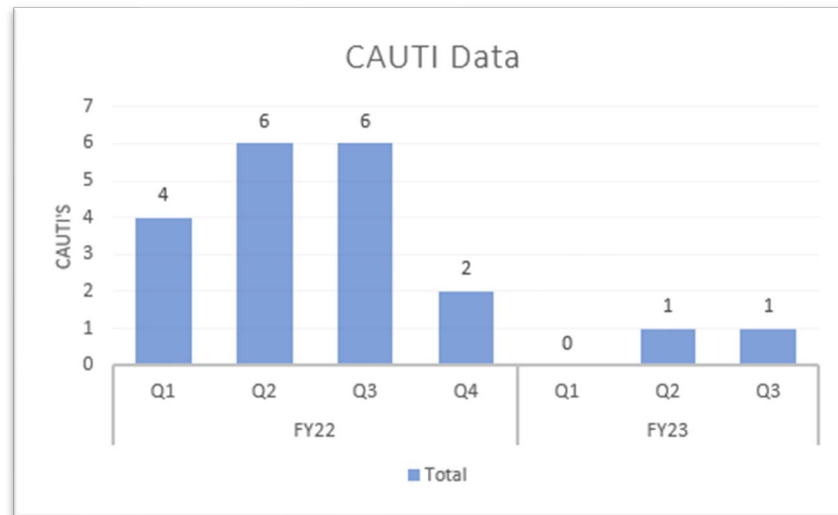
Michelle Gamble, BSN, RN, CCRN-K
Casey Schmidt, BSN, RN, CCRN
Micaela Herbst-Bialke, RN, BSN, CCRN

Assessment & Recommendation

Chart audits of patients that had a CAUTI showed a lack of documentation related to the use of Theraworx® Protect wipes BID and PRN for patients with urinary catheters. This lack of documentation brought forward questions. Is this a documentation problem? Is this a lack of understanding in the use of Theraworx® Protect wipes?

Interviews with nursing assistants noted that there are differences in practice between nursing assistants. Catheter care is taught in onboarding classes and by preceptors in the unit upon hire.

A competency tool was developed by the ICU educators. Each nursing assistant was asked to demonstrate correct technique in a real patient situation on their shift to verify their competency. Knowledge of the standard of care related to Theraworx® Protect wipes was also reviewed including BID cares to be done at 0800 and 2000 and prn.



Implementation

- Identified need for improvement at ICU Performance Improvement meeting, April 2022
- Met with nursing assistants (NA) to determine knowledge level of urinary catheter care, May 2022
- Collaborated with ICU educators to determine a plan to re-educate our NAs in urinary catheter care
- Urinary catheter competency developed, May 2022
- Education and competency requirement completed, June 2022
- Competency required for new ICU NAs

Competency Tool

2 Towel Application System:

Use: Safe to use as often as needed. Safe for mucous membranes and safe for multiple skin types. Do not rinse. Allow to air dry.

_____ 1st Towel: Apply to meatus and perineum area, finishing front to back for females and in concentric circles around the glans penis for males.

_____ 2nd Towel: Apply to all areas from the umbilicus to the mid-thigh, creating the Zone of Protection (include all skin folds and perineum).

Documentation:

_____ Documentation of completion on AID ICU flowsheet within EPIC

This validates _____ has successfully demonstrated competency in completing pericare with Theraworx Protect wipes.

References

Bloomfield, Andrea, "Hospital Acquired Infection (HAI) Team: Journey to Zero CAUTIs" (2022). 2022 SMH Best Practice Fair. 4. <https://scholarlycommons.baptisthealth.net/se-2022-smh-bpf/4>

Forrester, J.D., Maggio P.M., & Tennakoon.L. (2022). Cost of health care-associated infections in the United States. *J Patient Saf.* 2022;18(2):e477-e479.

McGonegle, A, (2022, June 13-15). Implementation of Standardized Catheter Cleansing Cloths at an Inpatient Rehab Facility [Poster Abstract]. 2022 APIC 49th Annual Educational Conference Indianapolis, IN.