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### Decreasing Utilization of Indwelling Urinary Catheters

Stacie Lomibao Fujimoto  
*St. Jude Medical Center, Fullerton, CA*

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# Quality Care Champions Reduce Indwelling Urinary Catheter Utilization Leading to a Decrease in CAUTI

Stacie Lomibao Fujimoto MSN, RN, PCCN-K, CIC



For references, presenter contact information, and to view the poster electronically please scan

## Background

- Increased utilization of indwelling urinary catheters (IUCs) are directly related to the risk of catheter-associated urinary tract infections (CAUTIs).<sup>1</sup>
- The National Health and Safety Network (NHSN) uses the Standardized Utilization Ratio (SUR) benchmark target of 1.0 to measure and compare device utilization in acute care hospitals across the nation. A lower SUR indicates less IUC usage.<sup>2</sup>
- In 2022 a Neuro Med-Surg unit had an overall SUR of 1.047 with 2 CAUTIs observed.

## Purpose

- This project aimed to decrease the Neuro Med-Surg unit IUC SUR by 10% from January 2023 to July 2023, ultimately decreasing the incidence of CAUTI.

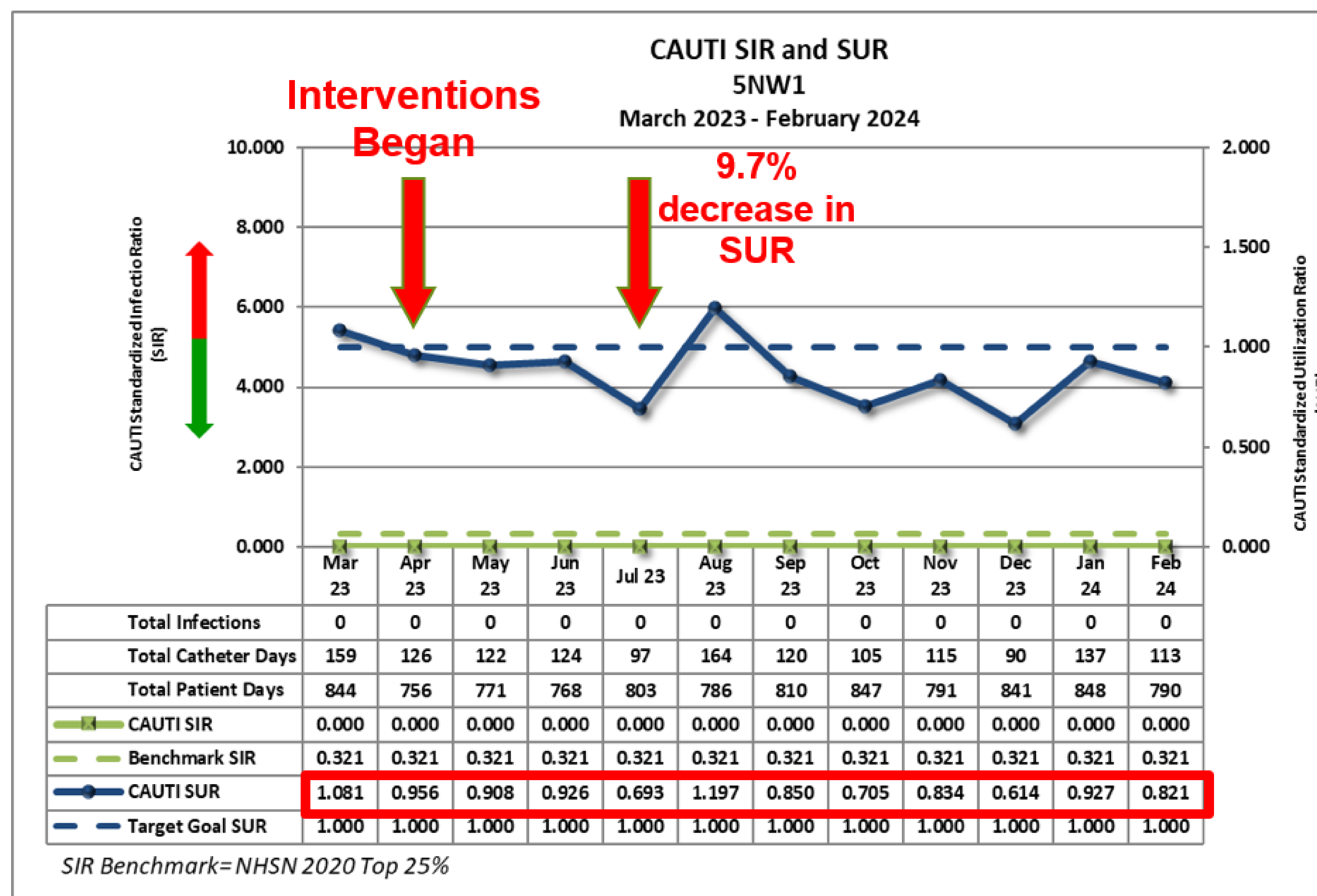
## Process Change

- Formation of the Quality Care Champions – a multidisciplinary team of clinical nurses, a patient care technician (PCT), a nurse manager, infection prevention, a nurse educator, and the director of quality formed to perform a Plan Do Study Act (PDSA) Cycle using **six strategies** launched in April of 2023

## Implementation

1. Creation of retention protocol and new-hire IUC hand-off education packets
2. Quality Care Champion led Pericare in-services
3. Creating a process to obtain IUC discontinuation orders within 48 hours of insertion and upon transfer
4. Development of a visual management tool displaying the number of days the IUC has been in place and the date and time of the last pericare
5. Revision of an audit tool used to assess IUC appropriateness and CAUTI bundle elements
6. Creation of a manager-led recognition program for any IUC discontinued within 48 hours.

## Outcomes & Results



## Conclusion

An engaged multidisciplinary team can impact changes to reduce risk of harm caused by CAUTI, decrease SUR, and enrich the overall quality of patient care.

## Acknowledgments

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