

RN Compliance and Education on Prevention of CAUTIs

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BACKGROUND / INTRODUCTION

- Catheter-associated urinary tract infections (CAUTIs) are a problem hospital-wide.
 - Hanchett (2012) reported that CAUTIs account for 40 percent of all health care-associated infections. CAUTIs also increase a patient's cost of health care, hospital length of stay, morbidity and mortality.
 - Greater than 50 percent of CAUTIs are preventable (Hanchett, 2012).
 - LVHN uses a nurse-driven Foley removal protocol to help reduce the number of CAUTIs.
- In FY15, the number of CAUTIs were as follows:

	Number of CAUTIs
Burn ICU	15
TNICU	14



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PICO

- Are ICU nurses comfortable (or not) using a nurse-driven Foley removal protocol appropriately to reduce the number of CAUTIs?

METHODS

- Reviewed the current nurse-driven Foley catheter removal protocol, as well as related research.
- Developed and distributed a survey to three different ICU groups to determine nurses' understanding of and comfort with this protocol.
- Developed an educational Powerpoint regarding the results from the survey.

OUTCOMES

- 45 nurses filled out the anonymous ten question survey, which included questions such as:
 - Are you aware of the CAUTI rates on your unit?
 - Are you familiar with the nurse-managed urinary catheter protocol?
 - What are the acceptable criteria for the insertion and/or continuation of an indwelling urinary catheter?
 - What are reasons you have witnessed an urinary catheter that should have been removed in a timely manner but was not?
 - Do you feel comfortable using nurse-driven protocols?

RESULTS

- According to the survey, 19 nurses said Foley catheters were not removed because of patient incontinence.
- 14 nurses surveyed said that Foley catheters were not removed for staff convenience.
- 10 nurses said they were uncomfortable with the nurse-driven Foley removal protocol.
- 2 nurses selected the option that the protocol is always followed, and that Foleys are removed when appropriate.

CONSLUSIONS

- Nurses require ongoing education on appropriate Foley placement and removal criteria.
- More research is required to understand comfort and success with nurse-driven protocols.

REFERENCES

1. Hanchett, M. (2012). Preventing CAUTI: A patient-centered approach. *Prevention*, 43, 42-50.

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