

RN Compliance and Education on Prevention of CAUTIs

Rochelle L. Graf BSN, RN
Lehigh Valley Health Network, rochelle_l.graf@lvhn.org

Jessica A. Owen BSN, RN
Lehigh Valley Health Network, jessica_a.owen@lvhn.org

Amanda L. Williams BSN, RN
Lehigh Valley Health Network, amanda_l.williams@lvhn.org

Follow this and additional works at: <https://scholarlyworks.lvhn.org/patient-care-services-nursing>



Part of the [Nursing Commons](#)

Let us know how access to this document benefits you

Published In/Presented At

Graf, R. Owen, J. Williams, A. (2016, Oct). *RN Compliance and Education on Prevention of CAUTIs*. Poster presented at LVHN Vizient/AACN Nurse Residency Program Graduation, Lehigh Valley Health Network, Allentown, PA.

This Poster is brought to you for free and open access by LVHN Scholarly Works. It has been accepted for inclusion in LVHN Scholarly Works by an authorized administrator. For more information, please contact LibraryServices@lvhn.org.

RN Compliance and Education on the Prevention of CAUTIs

Rochelle Graf, BSN, RN Jessica Owen, BSN, RN
Amanda Williams, BSN, RN

Lehigh Valley Health Network, Allentown, Pennsylvania

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



Image retrieved from: <http://www.hitecmed.com/>

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.

© 2016 Lehigh Valley Health Network

A PASSION FOR BETTER MEDICINE.™

610-402-CARE LVHN.org