

# Proposed NPSG for Catheter-Associated Urinary Tract Infections (CAUTI)

## Hospital Accreditation Program

### NPSG.07.06.01

1 Implement evidence-based practices to prevent indwelling catheter-associated urinary tract infections (CAUTI).

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3 ~~Note: This NPSG is not applicable to pediatric populations. Research resulting in evidence-based~~  
4 ~~practices was conducted with adults, and there is no consensus that these practices apply to children.~~

5 **Implement evidence-based practices to prevent indwelling catheter-associated urinary tract**  
6 **infections (CAUTI).**

7 **Note: Evidence-based guidelines for CAUTI are located at: Compendium of Strategies to**  
8 **Prevent Healthcare-Associated Infections in Acute Care Hospitals, 2014 at**  
9 **[http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=9369668&fileId=S](http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=9369668&fileId=S019594170003575X)**  
10 **019594170003575X and Guideline for Prevention of Catheter-associated Urinary Tract**  
11 **Infections, 2009 at [http://www.cdc.gov/hicpac/cauti/001\\_cauti.html](http://www.cdc.gov/hicpac/cauti/001_cauti.html)**

### Elements of Performance for NPSG.07.06.01

12 1. ~~Insert indwelling urinary catheters according to established evidence-based guidelines that~~  
13 ~~address the following:~~

- 14 ~~–Limiting use and duration to situations necessary for patient care~~  
15 ~~–Using aseptic techniques for site preparation, equipment, and supplies~~

16 **1. Educate staff and licensed independent practitioners involved in the use of indwelling**  
17 **urinary catheters about CAUTI and the importance of prevention. Education occurs**  
18 **upon hire, annually thereafter, and when involvement in indwelling catheter care is**  
19 **added to an individual's job responsibilities.**

20 2. ~~Manage indwelling urinary catheters according to established evidence-based guidelines that~~  
21 ~~address the following:~~

- 22 ~~–Securing catheters for unobstructed urine flow and drainage~~  
23 ~~–Maintaining the sterility of the urine collection system~~  
24 ~~–Replacing the urine collection system when required~~  
25 ~~–Collecting urine samples~~

26 **2. Educate patients who will have an indwelling catheter, and their families as needed, on**  
27 **CAUTI prevention and the symptoms of a urinary tract infection.**

28 **Note: See FAQs about "Catheter-associated Urinary Tract infection" at**  
29 **[http://www.shea-online.org/Assets/files/patient%20guides/NNL\\_CA-UTI.pdf](http://www.shea-online.org/Assets/files/patient%20guides/NNL_CA-UTI.pdf)**

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- 30 3. **Develop written criteria, using established evidence-based guidelines for placement of**  
31 **an indwelling urinary catheter.**  
32 **Note: Examples of criteria for placement of an indwelling urinary catheter include the**  
33 **following:**  
34 - **Critically ill patients who need accurate urinary output measurements**  
35 - **Patients with acute urinary retention or bladder outlet obstruction**  
36 - **Patients who require prolonged immobilization (for example, a potentially unstable**  
37 **thoracic or lumbar spine or multiple traumatic injuries such as pelvic fractures)**  
38 - **Incontinent patients with an open sacral or perineal wounds**  
39 - **Perioperative use for selected surgical procedures, such as patients undergoing**  
40 **urologic surgery or other surgery on contiguous structures of the genitourinary tract;**  
41 **patients who will have a prolonged duration of surgery (catheters inserted for this**  
42 **reason should be removed in a post-anesthesia care unit); patients anticipated to**  
43 **receive large-volume infusions or diuretics during surgery; patients needing**  
44 **intraoperative monitoring of urinary output**
- 45 4. **Follow written procedures based on established evidence-based guidelines for**  
46 **inserting and maintaining an indwelling urinary catheter. The procedures address the**  
47 **following:**  
48 - **Limiting use and duration**  
49 - **Performing hand hygiene prior to catheter insertion or maintenance care**  
50 - **Using aseptic techniques for site preparation, equipment, and supplies**  
51 - **Securing catheters for unobstructed urine flow and drainage**  
52 - **Maintaining the sterility of the urine collection system**  
53 - **Replacing the urine collection system when required**  
54 - **Collecting urine samples**
- 55 3. **Measure and monitor catheter-associated urinary tract infection prevention processes and**  
56 **outcomes in high-volume areas by doing the following:**  
57 - **Selecting measures using evidence-based guidelines or best practices**  
58 - **Monitoring compliance with evidence-based guidelines or best practices**  
59 - **Evaluating the effectiveness of prevention efforts**  
60 **Note: Surveillance may be targeted to areas with a high volume of patients using in-dwelling**  
61 **catheters. High-volume areas are identified through the hospital's risk assessment as**  
62 **required in IC.01.03.01, EP 2.**
- 63 5. **Measure and monitor catheter-associated urinary tract infection prevention processes**  
64 **and outcomes in high-volume areas by doing the following:**  
65 - **Selecting measures using evidence-based guidelines or best practices**  
66 - **Having a consistent method for medical record documentation of indwelling urinary**  
67 **catheter use, insertion, and maintenance (See also RC.01.01.01, EP 7)**  
68 - **Monitoring compliance with evidence-based guidelines or best practices**  
69 - **Evaluating the effectiveness of prevention efforts**  
70 **Note: Surveillance may be targeted to areas with a high volume of patients using**  
71 **indwelling catheters. High-volume areas are identified through the hospital's risk**  
72 **assessment as required in Standard IC.01.03.01, EP 2.**