

NPSG

Addressing Catheter Associated Urinary Tract Infections with Rounding



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Definition

Catheter-Associated Urinary Tract Infection (CAUTI) is an infection in the urinary system which includes the bladder and the kidneys. If an individual has a urinary catheter, bacteria or yeast can travel along the catheter and cause an infection in the bladder or kidney.

About Catheter-Associated Urinary Tract Infections

- CAUTI's are 1 of the top 5 most common HAI's, accounting for 25.6% of Hospital-Acquired Infections.
- 12-16% of patients receive short-term indwelling urinary catheters. For patients with a short-term indwelling urinary catheter the daily risk of infection acquisition is 3-7%.
- An estimated 17%-69% of CAUTI may be preventable with the implementation of best practices translating to over 380,000 infections that can be prevented.



SENTACTROUNDING OFFERS A
NUMBER OF INFECTION CONTROL
ROUNDS TO MINIMIZE THE RISK OF
INFECTION.

Risk Factors & Causes

Patients can acquire a Catheter-Associated Urinary Tract Infection (CAUTI) through a number of different methods. Some key causes are:

1. No hand washing prior to catheter manipulation
2. Poor insertion techniques
3. Breaks in closed system
4. Inappropriate use of catheters
5. Contamination of catheter bag or tube
6. Catheter not secured
7. Catheter left in place longer than necessary
8. Other methods not investigated and used
9. Lack of available supplies
10. No catheter protocol in place



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HOW TO USE
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TO ENSURE
HOSPITAL POLICIES
ARE PROPERLY
FOLLOWED.

Risk Factors:

While anyone with a catheter can acquire a UTI, there are some additional risk factors that shouldn't be ignored. Some risk factors include: being over 50 years of age, diabetes, urethral colonization, and incomplete emptying of bladder.

3

Impact of the CAUTI in a Hospital

Beyond the non-financial impact of poor patient satisfaction and experience scores, CAUTI's still have a profound impact. The financial impact is astronomical.

CAUTI's have a direct hospital cost of over \$4.5 billion. Without Medicare and Medicaid Services reimbursement, this is a massive expense to a hospital. For this reason alone, hospitals should implement a solution that will minimize CAUTI's. A more important consideration; however, is that CAUTI's account for over 100,000 deaths in a year that could otherwise be prevented.



IMPLEMENTING A ROUNDING PROGRAM THAT FOCUSES ON CAUTI INFECTIONS ALLOWS FOR THE REDUCTION AND EVEN ELIMINATION OF CAUTI'S IN A HEALTHCARE ORGANIZATION.

4

Rounding Can Help Prevent a CAUTI

Hospitals employ many different methods to prevent CAUTI. However, implementing a solution is often not enough. Organizations need to ensure that the infection control process is adhered to and followed properly. This is where Rounding comes into play. Rounds can serve as checklists for your Infection Control Staff to ensure that hospital policies are followed.

The following are critical elements to implement with your rounding initiative:

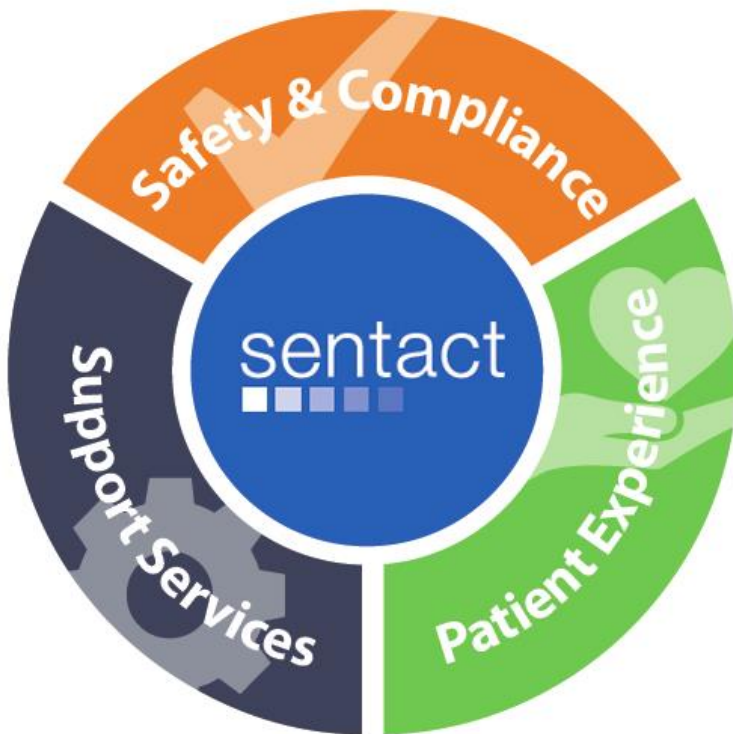
- Determine the frequency that works with your hospital based on size and staffing. Perhaps your organization requires daily rounds while other organizations require a round per shift 7 days a week.
- Target surveillance and rounds on high risk areas until improvement occurs.
- Establish immediate notifications upon discovery of CAUTI related problems so corrective actions can take place immediately.
- Report issues immediately to leadership so that corrective plans can be created and/or implemented. Communication should be transparent.
- Create a process for areas of improvement that are discovered in order to truly have errors not continue to occur.

AUTOMATED ROUNDING SOLUTIONS, SUCH AS
SENTACTROUNDING CAN ADDRESS THESE CRITICAL
ELEMENTS TO PROMOTE PATIENT SAFETY.



SENTACT

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Improve the quality of care by targeting, identifying, and tracking issues to proactively resolve them.

Patient Experience

Embrace the patient voice, respond to their needs, and continuously improve their experience.

Support Services

The power to coordinate staff, assets, and supplies to automate the logistics of care in real-time.

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