Changing Staff Perceptions: An Educational Blitz on Urine Collection Devices (UCDs)

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Background

- Urinary tract infection (UTI) is the most common healthcare-associated infection (HAI) which accounts for up to 36% of all HAIs.
- Catheter-associated urinary tract infections (CAUTIs) account for up to 80% of UTIs.
- The external urine collection device (UCD) is a great alternative to indwelling catheters.* They should be considered for prevention of hospital-acquired infections.
- Educating employees and increasing the use of external UCDs decreases the incidence of HAIs.

And can assist with:
- Monitoring continuous output
- Maintaining and improving skin integrity
- Maintaining patient dignity
- Improving nurse satisfaction

Methods

Methods:
- Perform education at skills fair and provide informational/educational materials to staff
- Pre/Post Purewick Survey at skills fair

Procedure:
- Pre UCD System Survey at Skills Fair
- Present educational information to staff through informational/educational materials such as posters, verbal instructions and demonstrations at skills fair
- Post UCD System Survey at Skills Fair following education

Survey

Pre-Survey
1. How confident do you feel in your ability to use a UCD prior to skills fair education? a. Rate your confidence from 1 to 5 (1 = No confidence, 5 = Expert)
2. When it a Purewick indicated? Please circle correct answers a. Urinary retention b. Urinary incontinence and/or frequent urination c. Post Surgical Immobility d. Agitation, confusion, uncooperative, combative e. Menstruation f. Difficulty using a bedpan g. Frequent bowel incontinence h. Skin breakdown at site i. Skin irritation or injury related to incontinence or Briefs j. Bedrest

Post Survey (How do you feel after skills fair?)
1. Can identify the appropriate indications for using an external UCD? (Rate on scale 1 to 5. 1 = Unable, 5 = Able to identify appropriate indications)
2. Do you feel as though you need further education? Rate on a scale of 1 to 5. (1 = No further education, 5 = A lot more education)
3. How likely are you to use a UCD, when indicated in your own practice? (1 = Not likely, 5 = Very likely)

Survey Results n=38

Survey

Education Provided

Education Provided

Purpose/Benefits

Purpose/Benefits

Practice Change

Practice Change

Overall there were 38 participants (n=38).
- When comparing pre-survey question 1 to post-survey question 3 there was a 257% increase regarding confidence/likelihood of using Purewick.
- Continue to provide UCD education to staff to maintain competency and confidence.

Barriers:
- Limited time to focus on UCD education alone during skills fair.
- Survey had limitations in comparing before and after answers of participants.
- Unit variability was not taken into consideration.

Conclusion

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By providing education nurses increase their confidence and are more likely to use UCDs in their own practice.

Barriers to using UCDs include lack of education, availability and type of nursing being provided.

References

References