

Urinary Retention Protocol (Poster).

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Urinary Retention Protocol

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Background

- Observations identified opportunities for staff to promote a variety of interventions to stimulate voiding prior to resorting to straight catheterization. A pre-implementation survey identified a knowledge deficit regarding interventions to promote voiding in patients at risk for acute urinary retention.
- (P) **Population:** Patients at risk for acute urinary retention post-operatively following catheter removal and, patients with a history of urinary retention.
- (I) **Interventions:**
 - Design and utilize a visual cue card titled, the "Clock Pie Chart," which identifies interventions to promote voiding
 - Educate staff about interventions, which then are to be shared with patients
- (C) **Comparison:** Incorporation of the Clock Pie Chart interventions within the current Urinary Retention Protocol(s) versus non-incorporation.
- (O) **Outcomes:**
 - Increase staff knowledge of nursing interventions to promote voiding
 - Decrease the amount of straight catheterizations.

Literature

- Urinary retention is traditionally treated with an indwelling urethral catheter or intermittent catheterization. (Johansson, et al, 2010)
- Urethral catheterization is connected with risk of complications such as urinary tract infection (UTI), trauma, urethral perforation, stricture, bleeding, fistula and increases in discomfort. (Johansson, et al, 2010)
- Once a catheter enters the bladder, the incidence of bacteriuria rises by about 3-7% per day. (Johansson, et al, 2010)
- In many clients, when interventions are utilized to decrease the amount of residual urine, it can eventually lead to the tapering of catheterization. (Carpenito-Moyet, 2004, pg. 366-371)

PRE-INTERVENTION

Staff survey regarding knowledge of interventions to promote voiding in patients at risk & with history for acute urinary retention

INTERVENTIONS

- Design of the Urinary Retention Clock Pie Chart
- Staff education via huddles, e-mails & posters
- Patient Education of interventions by nurse caring for patient

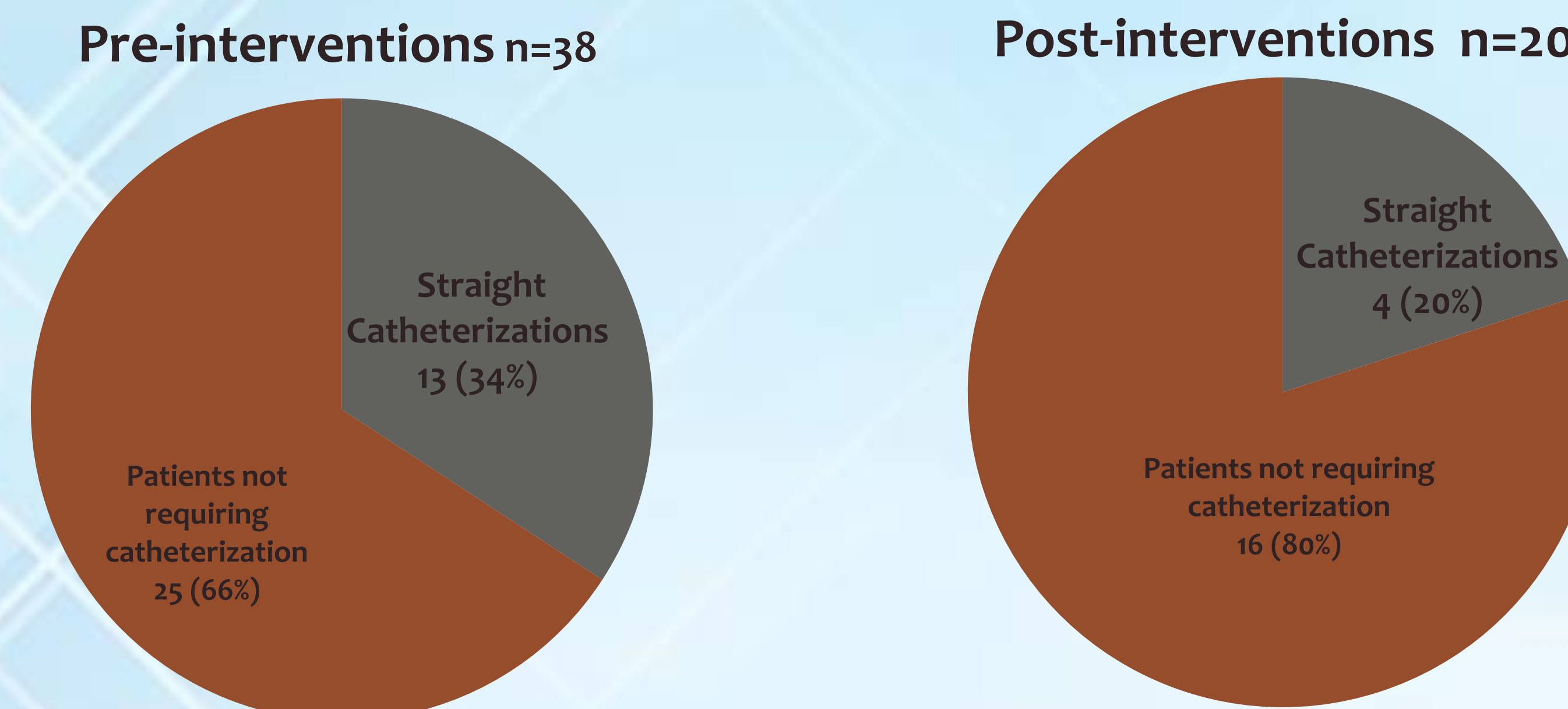
POST-INTERVENTION

Staff survey regarding knowledge of interventions to promote voiding in patients at risk for & with history of acute urinary retention.

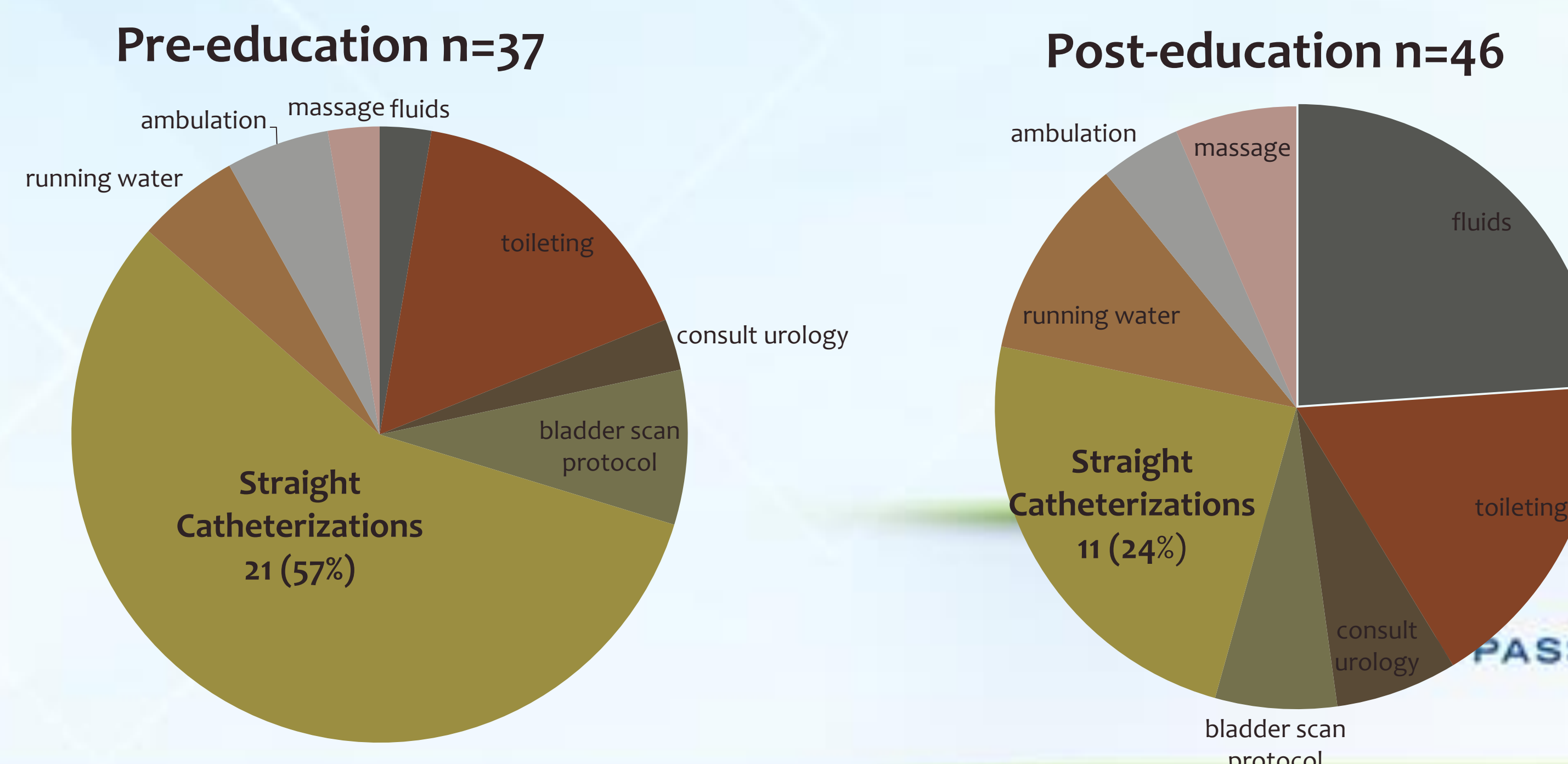
Urinary Retention Clock Pie Chart

Results

Number of Straight Catheterizations



Interventions Utilized



Conclusion

- Following staff education regarding the Clock Pie Chart, more interventions were utilized and the number of straight catheterizations decreased.

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