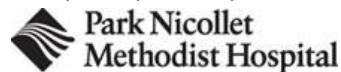


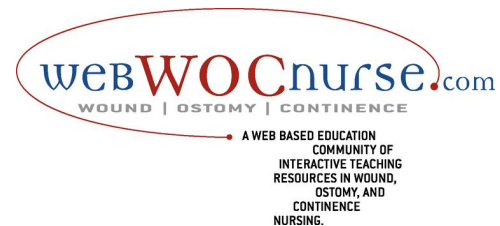
# Improving Stabilization of Indwelling Urinary Catheters

## A two phase multi-unit project

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### PURPOSE

This poster reports a practice improvement study designed to increase compliance with catheter stabilization and to identify a stabilizer that stays secure for longer periods of time without leaving an adhesive residue on the catheter. Stabilization of indwelling urinary catheters represents best practice and may prevent infections due to bladder irritation and urethra trauma; pain, agitation, hypertension and tachycardia due to catheter migration; catheter dislodgement and catheter-related pressure ulcers.

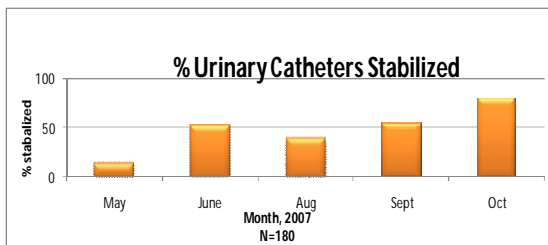
### PHASE I

#### GOAL: INCREASE STABILIZATION OF INDWELLING URINARY CATHETER COMPLIANCE

### METHODS

Skin Team Leaders\* conducted Stabilization Audits May-Oct. 2007, provided education regarding purpose and methods of stabilization via hospital wide skills fair, insured that stabilizers were stocked on all units and in patient rooms and disseminated multiple posters and newsletters.

### RESULTS



- ❖ Stabilization increased by 66%.
- ❖ 50% of the units audited reached 100% compliance.
- ❖ **Product failure: 56% of stabilizers audited in October were not secure or off.**

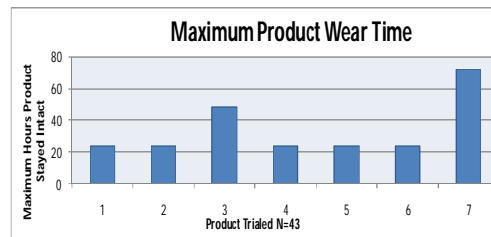
### PHASE II

#### GOAL: IDENTIFY A STABILIZER THAT IS SECURE FOR A LONGER PERIOD WITHOUT LEAVING AN ADHESIVE RESIDUE ON THE URINARY CATHETER

### METHODS

- ❖ Tried 7 different styles of non-latex catheter stabilizers on 43 patients,
- ❖ Evaluated product usability, effectiveness, wear time, patient comfort, and effects on skin integrity
- ❖ Obtained feedback from 30 Nurses

### RESULTS



- ❖ All stabilizers were comfortable, easy to use and did not compromise the skin.
- ❖ 88% of nurses liked closure method (4% did not like Velcro closures).
- ❖ Most products stayed intact for < 24 hours, 1 was intact for up to 48 hours, 1 was intact for an average of 72 hours.

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### SUMMARY

New Foley stabilizers are now in use at the facility and are secure 3 times longer than the old product.

### Recommendations made to Materials/Value Analysis:

- ❖ Replace current stabilizer with new product



Bard StatLock®

- ❖ Continue stocking nonadhesive leg straps in CSR
- ❖ Purchase indwelling urinary catheter kits that include stabilizers
- ❖ Ongoing staff education is a critical aspect in practice improvement related to the application and removal of stabilizers.

\*Acknowledgement to \*Skin team leaders: *Becky Bryson, Brenda Hilton, Christine Hogan, Muffy Kinniburgh, Beth McGlennen, and Nancy Schroeder*

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