Partnership for Patients: CAUTI Prevention

Highland Hospital
Rochester, New York
Highland Hospital is a 261 bed acute care facility. Affiliated with the University of Rochester
Overview

• Emergency Department Catheter Reduction Rapid Cycle Change Project

• Hospital Wide Decath Process

• Staff Engagement Education
Emergency Department
Foley Catheter Reduction Program

- Collection of base line data

- Staff education provided at shift huddles to increase awareness

- Signage placed on foley catheter kits
Education Topics

• Criteria for insertion of indwelling catheter
• Catheterization alternatives
• Urban legends
• Insertion and maintenance bundle
• Documentation standards
• Utilizing Team STEPP’s to increase advocacy
Ask the Question
To Catheterize or not to Catheterize

• Does the patient need an indwelling catheter or will a straight catheter suffice?
• Is there a written order for catheter insertion?
• Is there medical necessity for insertion of an indwelling catheter?
• Does the patient need strict I&O monitoring, if so should I choose a catheter kit with a urimeter?
• Could the catheter be removed prior to patient transfer?
Order for Insertion

<table>
<thead>
<tr>
<th></th>
<th>April</th>
<th>May 17th</th>
<th>May 24th</th>
<th>May 31st</th>
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<tbody>
<tr>
<td>Compliance</td>
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<td>90%</td>
<td>100%</td>
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<tr>
<td>Patients</td>
<td>17</td>
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Criteria Documented with Order

<table>
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<tr>
<th></th>
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<td>Target</td>
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<tr>
<td>Catheter utilization</td>
<td>17</td>
<td>10</td>
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## Criteria Met for Insertion

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<td>17</td>
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Results

• Following education there have been no further incidents of nurses inserting indwelling catheters when a straight catheter was ordered.

• There has been an increase in the utilization of straight catheterization versus indwelling catheters.

• All orders now have a corresponding criteria documented.

• All patients met criteria for insertion of indwelling catheters.
Hospital Wide Decath Program
Staff Education

- Alternative options to catheterization
- Order requirements
- Importance of utilizing correct drainage system
- Hand hygiene and strict aseptic technique
- Catheter securement
- Documentation
- Maintenance bundle elements
New Foley Decath Protocol

- Two New orders in eRecord
Providers will need to select an indication when ordering

### Indications for Catheter

<table>
<thead>
<tr>
<th>Prompt</th>
<th>Answer</th>
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<tbody>
<tr>
<td>Need for strict urinary output measurement</td>
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<tr>
<td>Urinary tract obstruction</td>
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<tr>
<td>Urinary retention and neurogenic bladder</td>
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<tr>
<td>Chemical paralysis/sedation</td>
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<td>Hemodynamic instability</td>
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<td>Incontinence with risk to skin</td>
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<td>Comfort care/end of life</td>
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<td>Movement intolerance</td>
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<td>Burns to lower torso and/or perineum</td>
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Nurse Driven Removal

When provider orders Decath Protocol

Nurses assess the need for continued use

If Criteria for Continued use is **not** met, the nurse may remove the catheter with out an additional order.
HIGHLAND HOSPITAL
Nurse Driven Protocol
Early Urinary Catheter Removal

**Criteria for Continued Use:**
- Chemical paralysis/sedation
- Hemodynamic instability
- Incontinence that poses risk to skin integrity (skin maceration, incontinence associated dermatitis (IAD), >stage II pressure ulcer)
- Comfort care/end of life
- Movement intolerance or severe impairment: trauma to head, neck, spine, pelvis/abdomen, neurological surgery, or rectal surgery
- Need for strict urinary output measurement
- Epidural catheter

**Exclusion Criteria** — The early removal protocol does not apply to the following
- Urology Patients
- Pelvic Trauma/Surgery
- Burns
- Urinary Tract Obstruction/Retention
- Chronic Indwelling Catheter
Added Documentation Rows

5 New Rows for complete documentation
Required every 8 hours & PRN
Be a Hero Campaign

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**SET GOALS**

**REACH FOR THE STARS**
Data Driven Education

**BE A HERO DATA DRIVEN EDUCATION SHEET**

- **CAUTION:** Clean shared equipment between patients with disinfect. Allow to dry for 5 minutes.
- **CAUTION:** Urine collection bags must be positioned below the level of the bladder. Under no circumstances should bag touch floor.
- **CAUTION:** Unless absolutely necessary the tamper-proof seal on a foley should not be removed.
- **CAUTION:** Clean your hands prior to donning gown and gloves. Clean your hands after removing gown and gloves.
- **CLAIR:** Review line necessity every eight hours, if line does not meet the indications for continued use, document your findings and contact the provider.
- **CAUTION:** Document:
  - Need for continued use of catheter
  - Reasons for catheter use

*June 13*