Utilizing Clinical Nurse Specialists to Improve Care & Management of Suprapubic Catheters

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Background

• Gap in practice identified
• Urology consulted for routine/non-emergent suprapubic tube (SPT) exchange and maintenance, delays patient care from urgent and acute urological needs
• SPT patients are a low-volume, high-risk population
• Team collaboration with Clinical Nurse Specialist (CNS), Urology NP, and Professional Practice Committee (PPC) for improvement initiative

Methodology

• Urology NP provided hands on skills training, including helpful troubleshooting tips to CNS team
• Rounding report created in electronic medical record (EMR) to identify patient with SPT and duration of tube
• Tips and trick sheet created for CNS team to maintain standard of skills
• EMR smart note created to standardize documentation and improve tracking of trends/opportunities
• Identified and trained select members of rapid response team (RRT) to provide weekend and night gap coverage
• Urology and CNS team determined that more complex tubes be first referred to CNS team, then urology consult as CNS determined
• Education provided to bedside care givers regarding SPT consult update

PRMC Results

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Patients Managed by CNS Team</th>
<th>Number of Patient Encounters Managed by CNS Team</th>
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</thead>
<tbody>
<tr>
<td>2020</td>
<td>60</td>
<td>105</td>
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<tr>
<td>2021</td>
<td>123</td>
<td>288</td>
</tr>
<tr>
<td>2022</td>
<td></td>
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</tbody>
</table>

Since August 2020 over 250 patients with chronic SPT have been reviewed by the CNS and RRT at Parkview Regional Medical Center

• Perception of Urology is that SPT consults to urology have decreased and urology is now receiving more appropriate acute needs for SPT management
• Per Urology, zero unnecessary urology consults since 2020 at Parkview Regional Campus (PRMC)
• Currently 3 CNSs and 3 RRT nurses trained for 24-hour coverage at PRMC
• Patient outcome improved due to decrease in time to SPT exchange
• Patient outcome improved due to routine monitoring from CNS trained team

Randallia Results

• Randallia campus initiated same QI initiative
• 1 CNS initially provided campus wide coverage. Expanded SPT management to 4 RRT
• Zero unnecessary SPT urology consults since 2020 at Randallia

References

https://point-of-care.elsevierperformancemanager.com/skills/20854/extended-text?skillId=GNMS_66&virtualname=parkview-inftwayne#scrollToTop

Acknowledgements

Parkview Physicians Group – Urology
Parkview Professional Practice Committee