

Quality Improvement Implementation - SUCCESS 2023

Project Time Period: 1/1/2023-12/31/2023

Background - Although infections related to urinary catheters have received a great deal of attention due to public reporting and hospital penalties, non-infectious complications of bladder catheters are also a serious concern. These include trauma from catheter placement and/or removal, which is as common as urinary tract infections. Furthermore, surgeons feedback revealed that the most common catheter-related problem seen in their practices is urinary retention, for which there is a lack of standardized management.

Project Goal and Summary – In collaboration with the Surgical Champion, and the departments of quality, surgery, and education, this intervention aims to (1) reduce inappropriate perioperative urinary catheter use, (2) reduce catheter-associated trauma, and (3) improve the management of postoperative urinary retention. The project focuses on four common general surgery procedures: appendectomy, cholecystectomy, colorectal surgery, and hernia repair. This project will include the implementation of a toolkit that will address clinician knowledge and urinary catheterization skills, as well as communication and implementation challenges anticipated to affect catheter use in different types of perioperative clinical settings.

Eligibility – Sites that captured data in the MSQC SUCCESS tab in 2022 are eligible to select this project as their 2023 QI Project.

QI Implementation Goals and Requirements:

Goal 1: Multidisciplinary kickoff meeting with key stakeholders by March 31, 2023 to review project requirements. (2 points)

- The Value Proposition/Leadership Engagement Briefing should be utilized during this meeting.
- Must submit minutes and attendees to the coordinating center with the final project submission.

Goal 2: Implement the SUCCESS toolkit and submit a narrative of how the following toolkit elements were implemented and/or utilized: (0-16 pts)

- Readiness Assessment: Urinary Catheter Care Guide to Patient Safety (GPS)
- Algorithm for standardized management of postoperative urinary retention
- MAP App, laminated cards, and/or MAP poster
- Strategies for safe catheter insertion: safe Insertion booklet, difficult insertion training videos, difficult catheter insertion kit, catheter alternatives

Goal 3: Refine and tailor the MSQC SUCCESS urinary care pathway. The final care pathway will be submitted with the project summary. (2 points)

Goal 4: Bi-annual (minimally) review of SUCCESS data during multidisciplinary meetings. Submit meeting minutes (2 points)

Goal 5: Capture all SUCCESS data in MSQC Workstation for eligible cases (3 points)

Goal 6: Submit the 2023 SUCCESS Project Summary to the MSQC Coordinating Center no later than **January 16, 2024**.

Implementation Points - An additional 0-5 implementation points may be granted based on the detail of the project narrative, tracking log and analysis, to be added to achieve the maximum of 20 project points.

References:

1. <https://msgc.org/success/>
2. Michigan Appropriate Perioperative (MAP) criteria for urinary catheter use in common general and orthopaedic surgeries: results obtained using the RAND/UCLA Appropriateness Method. (2019)
<https://qualitysafety.bmj.com/content/28/1/56>