Ontario Surgical Quality Improvement Network

31
ON-SQIN members on Quorum

63
Average number of participants in monthly SC calls

0
Average number of participants in monthly SCR calls

28
Delegates at the Ontario Surgical Quality Improvement Conference

275
Total number of ON-SQIN members

322
Accumulated cases in Ontario entered into NSQIP (8,694 since August 2017)

NSQIP-ON: National Surgical Quality Improvement Program - Ontario
SHO: Surgical Health Outcomes
IHI OPEN SCHOOL: The Institute for Healthcare Improvement Open School
SQIP: Surgical Quality Improvement Plan
ON-SQIN: Ontario Surgical Quality Improvement Network
NSQIP: National Surgical Quality Improvement Program
IDEA3: Improving & Driving Excellence Across Sectors
NSQIP-ON: National Surgical Quality Improvement Program - Ontario

Highlights

University Health Network SCR Amit Thakkar presents his team’s poster on a Health Quality Transformation: “Reducing the rate of post-surgical UTI in orthopaedic patients.”

• Congratulations to six teams from the Ontario collaborative of NSQIP who received recognition from the American College of Surgeons (ACS) NSQIP for achieving “measurable outcomes” for surgical patient care in 2016: Sunnybrook Health Sciences Centre, St. Michael’s Hospital, Health Sciences North, Peterborough Regional Health Sciences Centre, William Osler Health Centre – Brampton and William Osler Health Centre – Etobicoke.

• Dr. Duncan Rozario, Surgeon Champion at Oakville-Trafalgar Memorial Hospital, will be published in the December issue of the Canadian Journal of Surgery. His article, “Can surgical site infections be reduced with the adoption of a bundle of simultaneous initiatives? The use of NSQIP incidence data to follow multiple quality improvement interventions,” can now be viewed online. Congratulations Dr. Rozario!

• University Health Network SCR Amit Thakkar presented his team’s posters at Health Quality Transformation on October 24: “Reducing the rate of post-surgical UTI in orthopaedic patients” (below) and “Reducing the number of postoperative ED visits through patient education and reducing the rate of post-surgical UTI in orthopaedic patients.”

• Health Quality Ontario’s latest report, Quality Surgery: Improving Surgical Care in Ontario, looks at how the Ontario collaborative of NSQIP is helping hospitals make surgeries safer, and how well our hospitals compare to their international peers on surgical quality.

What’s Happening in the Surgical QI Community?

Congratulations to Dr. David Smith for winning “Most Engaged Surgeon Champion,” awarded to the candidate who has displayed exceptional leadership in their involvement in the Surgical Network Community of Practice, including participating in monthly calls and presenting at conferences.

• Special thanks to Hannah Brooks from North York General Hospital, Lisa MacDuff from North Bay Regional Health Centre, and Payam Tarighi and Mahsa Sadeghi from Sunnybrook Health Sciences Centre for their presentation on the October SCR call shedding light on improving coding for colorectal procedures.

• The 3rd annual Ontario Surgical Quality Conference, held in Toronto on November 10th, marked the launch of the ON-SQIN campaign to reduce infections after surgery. Over the next 18 months, members of the Surgical Network will focus on reducing surgical site infections, urinary tract infections, and pneumonia at their sites.

• Other highlights from the conference included:
  - A keynote presentation by Dr. Patchen Dellinger from the University of Washington Medical Center. Dr. Dellinger reviewed the best evidence in surgical care for reducing surgical site infections.
  - A demonstration of the new ON-SQIN Navigator, an online tool designed to support the Surgical Quality Improvement Plan (SQIP) development process.
  - Presentations by 18 Surgical Network members.
  - The inaugural ON-SQIN recognition awards. Congratulations to all our nominees! A complete list of awards and winners can be found on Quorum.
  - Follow-up telephone calls
  - Follow-up appointments arranged before discharge
  - Patient hotlines

Other highlights from the conference included:

• December 11, 2017, January 8, 2018, and February 12, 2018, 9-10 a.m. The next scheduled Surgeon Champion monthly calls.

• North York General Hospital is working to overcome the issue of lack of resources. They included medical students from the Royal Ontario Medical Program (ROMP) in their quality improvement team, who have helped with research, implementation, and data collection. Because of this additional support, many successful change ideas have been implemented.

• For example, one project completed by the ROMP learners was a look at emergency room readmissions for postoperative day surgery. The team looked at indexed readmissions from fiscal years 2013–2016 through the following lenses:
  - day of the week
  - length of stay
  - age of patient

• After completing their research, the ROMP residents made several recommendations, which have been implemented, resulting in the following:
  - Improved discharge planning/scheduling
  - Improved follow-up
  - Follow-up appointments arranged before discharge
  - Follow-up telephone calls
  - Patient hotlines
  - Provider continuity

• Surgeon Champion Dr. Michael Lisi noted that the hospital has a very robust culture of quality and that they consider themselves a “Lean” [Six Sigma] organization with a pervasive “just-do-it” ethos. In 2016 alone, there were 546 waste-reduction changes within the organization.

Collingwood General and Marine Hospital

Collingwood General and Marine Hospital is working to improve the quality of care provided to patients. They are focused on reducing complications associated with surgery and improving patient outcomes. The hospital has partnered with the Royal Ontario Medical Program (ROMP) to enhance their quality improvement initiatives.

• The hospital has introduced a new protocol for managing surgical site infections, which has resulted in a significant reduction in infection rates.

• The hospital has also implemented a new system for tracking and reducing readmissions, which has led to a decrease in the number of patients requiring additional hospital stays.

In the next issue of the ON-SQIN Newsletter, we will feature more updates on the latest QI initiatives and success stories from Ontario hospitals. Stay tuned for more information!