

ONTARIO SURGICAL QUALITY IMPROVEMENT NETWORK UPDATE

SINCE JANUARY 2015

34

Hospital sites in NSQIP-ON

20

Sites enrolled in IHI Open School

13

Sites enrolled in IDEAS 2-day program

24

Sites that have implemented/engaged ERAS*

31

Sites that created a SQIP†

(+5 since October 2016)

345

Total # of ON-SQIN team members

(+11 since October 2016)

56,706

Accumulated cases entered in NSQIP

(+22,255 since October 2016)

*Applicable to adult hospital sites

NSQIP-ON: National Surgical Quality Improvement Program - Ontario

IHI OPEN SCHOOL: The Institute for Healthcare Improvement Open School

IDEAS: Improving & Driving Excellence Across Sectors

ERAS: Enhanced Recovery After Surgery

SQIP: Surgical Quality Improvement Plan

ON-SQIN: Ontario Surgical Quality Improvement Network

NSQIP: National Surgical Quality Improvement Program

HIGHLIGHTS

- The first 18 NSQIP-ON hospitals have completed a full year of surgical quality improvement using the Surgical Quality Improvement Plan (SQIP)! Of 26 indicators chosen, 14 showed an average improvement of 16%. The *Year-End SQIP Summary Report* has been shared with NSQIP-ON members.
- Hospital sites submitted their initial SQIPs in January 2017, allowing all NSQIP-ON members to share change ideas and work together to improve surgical care.
- The Ontario Surgical Quality conference was held on November 4th, 2016. Approximately 300 individuals from more than 70 hospitals participated. A synopsis of the day can be found [here](#).
- The Evaluation Progress Report of the Ontario Surgical Quality Improvement Network, featuring the early successes of members, will be shared this month with NSQIP-ON member hospitals and the Ministry of Health and Long-Term Care. A second report will be available publicly in March.
- The January 2017 Semi-Annual Report (SAR) is the first Ontario collaborative SAR to include risk-adjusted data from 28 hospital sites, providing broader insights into the quality of surgical care in Ontario.
- Welcome to NSQIP-ON's newest members, Orillia Soldiers' Memorial Hospital and The Scarborough Hospital, which are beginning the onboarding process with ACS. We look forward to working with you!

UPCOMING EVENTS

The Surgical Network's online platform will undergo a facelift in 2017. Tools and Resources will be available to the public, while the Forum and Document Library will remain private for members.

MARCH 13, 9–10 a.m.

The next scheduled Surgical Clinical Reviewer monthly call

FEBRUARY 28, 4–5 p.m. & MARCH 28, 4–5 p.m.

The next scheduled Surgeon Champion monthly calls

MARCH

Health Quality Ontario's report, *Improving Surgical Care in Ontario: The Ontario Surgical Quality Improvement Network*, will be available at www.hqontario.ca

SPRING 2017

Release of the next ON-SQIN Newsletter. Please email us at NSQIP@hqontario.ca to share your hospital's work in this newsletter.

What's Happening in the Surgical QI Community?

■ Several Surgical Network members presented their teams' stories of change at the Ontario Surgical Quality Conference (presentations can be found in the Surgical Network [Document Library](#)).

- Dr. Duncan Rozario (Oakville Trafalgar Memorial— Halton Healthcare) shared their evidence-based approach to reducing SSI rates by 50%
- Mahsa Sadeghi (Sunnybrook Health Sciences Centre) highlighted their work to reduce rates of UTIs by 51%
- Dr. David Smith (North York General Hospital) shared their journey to create their SQIP, using NSQIP data to identify opportunities for improvement, set targets, plan change ideas, and engage the team
- Dr. Lynn Mikula (Peterborough Regional Health Centre) discussed how her team created its SQIP in alignment with the hospital's annual QIP
- Dr. Annie Fecteau (SickKids) highlighted how the implementation of ACS NSQIP Pediatric at her hospital has helped identify opportunities for improving surgical care for children
- Dr. Avery Nathens (Sunnybrook Health Sciences Centre) discussed the ACS Trauma Quality Improvement Program and its effect on trauma care
- Kristen Vaughan and Karin Dreany (North Bay Regional Health Centre) presented on improving the quality of clinical documentation in inpatient medical charts
- Dr. Michael Lisi (Collingwood Marine and General Hospital) discussed the effect of population growth in his LHIN on surgical wait times and transitions in care, and how NSQIP data can help target improvement activities related to these challenges
- Dr. Rardi van Heest (William Osler Health Centre) shared how her team used NSQIP data and a patient experience questionnaire to tackle emergency room readmission rates
- Dr. Husein Moloo (The Ottawa Hospital) shared his team-based approach to surgical QI using the Comprehensive Unit-based Safety Program (CUSP)

■ On November 24th, 2016, Emily Pearsall, Manager of Best Practice in Surgery (BPS), and Health Quality Ontario held a webinar to explain the new guidelines on enhanced recovery after colorectal surgery for all surgical specialties. Twenty-five members from interprofessional surgical teams from 15 hospitals across Ontario attended. Details on implementation resources and a second webinar will be available soon.

Featured Hospital QI Initiatives

University Health Network

The University Health Network (UHN) used their NSQIP data to identify a higher-than-expected rate of post-operative emergency department (ED) visits within 30 days of surgery by patients who have had orthopedic surgery. In 2015–16, approximately 11% of these patients returned to the ED and almost half had wound-related concerns (pain, swelling, and bruising), which can be managed in an alternate setting.

The NSQIP data was shared with leaders from the orthopedics group, who engaged with their team and planned a strategy for change. They implemented patient education interventions, including a booklet with contact information for the orthopedic unit and clinic, and staff education initiatives to ensure consistent messaging to patients on when to access ED care.

Their NSQIP data is now showing a reduction in the rate of post-operative ED visits within 30 days of orthopedic surgery. The surgical team at UHN is striving for a 50% reduction by March 2017 and plans to spread this work to other surgical specialties.

William Osler Health Centre

The multidisciplinary team at William Osler Health Centre – Brampton Civic Hospital has successfully kept their rates of SSI and UTI low. Patient Care Manager Michelle Miller Burnett attributes this success partly to iERAS initiatives maintained on their surgical units over the past 5 years. The team has also created a surgical discharge form for patients, supported by nurses and surgeons.

William Osler's two sites, Brampton Civic and Etobicoke General, meet regularly to share and spread surgical best practices across the organization. In addition, Surgeon Champion Dr. Rardi van Heest engages key hospital stakeholders one-on-one to invite discussion on change and makes use of the Surgical Network by reaching out to her counterparts at North Bay Regional Health Centre and Halton Healthcare to discuss change ideas already implemented in these centres.

To learn more about ON-SQIN and how you can get involved, please visit our website or contact NSQIP@hqontario.ca. Past issues of this newsletter can be found [here](#)