ONTARIO SURGICAL QUALITY IMPROVEMENT NETWORK UPDATE

SINCE JANUARY 2015

34	14*	13*	14*	18	303	28,960
Hospital sites in NSQIP-ON	Sites enrolled IHI Open School	Sites enrolled in IDEAS 2-day	Sites implemented/ engaged ERAS	Sites created a SQIP	Total # of ON-SQIN Team members	Accumulated Cases entered in NSQIP

Data only includes sites that joined prior to January 2016

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

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HIGHLIGHTS

■ 34 hospital sites are now enrolled in the American College of Surgeon's National Surgical Quality Improvement Program (ACS-NSQIP) and are part of the Ontario Surgical Quality Improvement Network (ON-SQIN) hosted by Health Quality Ontario. Of these 34 sites:

- 18 early adopters have been part of ON-SQIN since January 2015.

- 8 additional sites began on-boarding in early 2016, completed Surgical Clinical Reviewer (SCR) training in February, started collecting data in March 2016 and are on track to submit their first Surgical Quality Improvement Plan (SQIP) in July 2016.

- 5 hospitals are currently completing their SCR training and are scheduled to begin entering data in June 2016.

- 3 pediatric hospitals are on-boarding and will begin SCR training this month.

■ In March 2016, 6 months following their initial Surgical Quality Improvement Plan, 18/18 initial sites submitted their progress report. Early results demonstrate that 46% of indicators that have been chosen by teams have improved or surpassed their targets, while 54% maintained their baseline measures. An addendum to the SQIP Report summarizing the progress information will be sent out by mid-July to all ON-SQIN members.

UPCOMING EVENTS

JULY 11, 2016
On June 3, the SQIP was launched for hospitals who joined ON-SQIN in February 2016. To support teams in completing their SQIPs, join the next open forum scheduled. Click *here* to register.

JULY 16-19, 2016
San Diego, USA – ACS NSQIP Conference. In the ACS NSQIP contract hospitals agree to provide funding for the SC and SCR to attend a national ACS NSIQP conference every year. Conference registration fees are waived for the first 2 participants from each site. Click *here* for link to register and cost information. The Ottawa Hospital will be presenting a poster on the effectiveness of NSQIP data collection automation and HQO will be presenting 2 posters and 1 oral presentation.

JULY 2016
Next release of ACS NSQIP Semi-Annual Report (SAR). Data from January 1, 2015 to January 1, 2016 will be included in this report.

NOVEMBER 4, 2016
SAVE THE DATE for the Ontario Surgical Quality Conference 2016. Details to follow soon. Click *here* to see highlights from the Ontario Surgical Quality Conference 2015.

What's Happening In the Surgical QI Community?

■ In February 2016, 9 hospital sites from the Surgical Network participated in the nation-wide Surgical Site Infection (SSI) audit held by the Canadian Patient Safety Institute (CPSI). Results were presented to participants on March 24. Findings suggest that Orthopedics was the consistent 'high performer' and Ontario had the highest participation with 18 sites tracking 863 patients. Identified opportunities for improvement included better recording in Pre-op shower or bath with soap or antiseptic agent. Click *here* to access the slide deck and video of the full results presented.

■ In the past year, Sunnybrook has reduced their rates of urinary tract infection (UTI) among their patients (General Surgery, Orthopaedic-hip fracture), Neurosurgery and Vascular Surgery) by 49%[1]. They have shared with the community one of the resources they found useful in their QI efforts which can be found *here* or through the *On-line platform*.

■ At the Canadian Association for Health Services and Policy Research (CASHPR) Conference 2016, Dr. Tim Jackson and Mina Viscardi-Johnson presented the topic "Using Surgical QIP to bridge the gap between data and improvement".

■ OHA's *Healthscape* newsletter (May 19), featured an article on the spread of the surgical network across Ontario hospitals and how hospitals are joining forces to uncover new ways to help patients get the best results from surgical treatment

Interested In Building QI Capacity In Your Surgical Qi Teams?

■ Click on the links for more information on *IHI Open School* and *IDEAS*, two resources available to help your teams learn how to make improvements.

■ On May 24, Emily Pearsall from the iERAS program spoke on the Surgeon Champion (SC) call about implementing *ERAS guidelines*. Click *here* to learn more, or contact Emily Pearsall at *epearsall@mtsinai.on.ca* or 416-586-4800 x8534.

■ On May 26, our first QI team call was launched. The QI Team Call is an opportunity for all surgical QI team members to learn and share their innovations, best practices, successes and failures with the community. Thank you to all who participated and shared some valuable ideas and tips for engaging the whole team in surgical quality improvement! Click *here* for the recorded call.

Featured Hospital QI Initiatives

Sites that submitted a SQIP in September 2015 are invited to arrange a site visit from a Quality Improvement Specialist from Health Quality Ontario. The purpose of these visits is to identify innovative advancements driven by NSQIP data. Over the next few months, we will showcase some of the noteworthy change ideas that have been uncovered. This month, we bring you two outstanding examples:

Halton Healthcare – Oakville Trafalgar Memorial Hospital

Halton Healthcare Services is a family of community hospitals in Mississauga Halton LHIN. After a review of the January Semi-Annual Report (SAR) report, the Surgeon Champion at Oakville Trafalgar Memorial Hospital incited the team to an immediate "call to action". After completing a number of process mapping sessions that included representatives from the Emergency Department, Operating Room and Surgical Floor, the team implemented closing bundles to reduce Surgical Site Infections (SSI), based on learning from the *Ontario Surgical Quality Conference 2015*. Furthermore, results from the team's SQIP Progress Report indicate that in just 6 months, they have reduced their non-adjusted UTI rates by 26% and are well on their way to meeting or exceeding their target. Please Note: Halton Healthcare has shared the SSI bundle they have been using to reduce SSI rates. The following resources are available for members in the *document library*: *CHD Wash*, *Stop SSI website*, and *JAMA Article*

Winchester District Memorial Hospital

Winchester District Memorial Hospital is a rural hospital in Champlain LHIN. The Winchester Surgical Quality Improvement team has developed a specific "Pre-Operative Auditing Checklist" that prompts the operating room staff to ensure all preoperative processes have been completed to reduce surgical delays. Building on the change idea of a surgical checklist, this checklist is a terrific example of the application of iterative Plan-Do-Study-Act (PDSA) cycles. In addition, they have implemented pre-scheduled follow-up visits to ensure continuity of care.

To learn more about ON-SQIN and how you can get involved, please *visit our website* or contact *NSQIP@hqontario.ca*

If you would like to contribute to our bi-monthly newsletter, please email *NSQIP@hqontario.ca*

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