

Alberta's Strategic Clinical Networks

National Surgery Quality Improvement Program (NSQIP)

Trauma Quality Improvement Program (TQIP)

The Goal

The National Surgery Quality Improvement Program (NSQIP) and Trauma Quality Improvement Program (TQIP) are offered by the American College of Surgeons to help care providers measure and improve care. Through regular and rigorous data collection, sites will identify areas for improvement.



The Process

Teams have been selected at each site to collect and interpret data, including complications after surgery, and ensure it is communicated with front line providers, leadership and support units so that meaningful improvement can be achieved.

In the first phase of implementation, the following five sites will implement NSQIP:

- Queen Elizabeth II Hospital - Grande Prairie
- University of Alberta Hospital – Edmonton
- Red Deer Regional Hospital Centre – Red Deer
- Rockyview General Hospital Calgary
- Chinook Regional Hospital – Lethbridge

Toward the end of 2015, qualified trauma sites will begin to submit to TQIP.

The Outcome

There is extensive published literature documenting how these quality improvement programs have led to significant reductions in complications and in costs.

The project will demonstrate the value of these programs on a small scale with the vision to expand participation more broadly.

The Team

NSQIP teams at each site are comprised of a surgeon champion, anesthesia champion and a surgical clinical reviewer. As the sponsor of this work, the Surgery Strategic Clinical Network is facilitating a collaborative implementation approach among participating sites.