

2018 Collaborative Quality Initiative Fact Sheet

Michigan Surgical Quality Collaborative

Overview

Launched in November 2005, the Michigan Surgical Quality Collaborative includes surgeons and hospitals statewide that collect and analyze data to improve the quality of care for patients undergoing surgery in Michigan.

The Michigan Surgical Quality Collaborative is listed as a Patient Safety Organization designated by the Agency for Healthcare Research and Quality. This designation requires a high level of quality and security in the way MSQC gathers, analyzes, and shares data from each of its hospitals for use in quality work. Listing as a PSO is a validation that data from each participating site is afforded the most appropriate protections.

Goals and objectives

- Identify factors contributing to variation in surgical value (cost, utilization and patient outcomes)
- Eradicate preventable healthcare-associated infections
- Disseminate best practices for surgical preoperative, intraoperative and postoperative care

Physician type(s)

- General surgeons
- Colorectal surgeons
- Vascular surgeons
- Otolaryngologists
- Gynecologists

Participation criteria

The MSQC Coordinating Center works with the individual site to accommodate their surgical volume. All Michigan hospitals can expect to participate in the MSQC and be assured their reports will have meaningful statistical significance for use in Quality Improvement.

Participants

- 72 hospitals
- 6,439 surgeons contributing cases

Data collection

- Sampling of cases
- ~500,000 cases entered into the registry since inception
- Data registry: MSQC-created

Results (from 2016-2017)

- Reduced surgical site infections (SSI) by 2 percent
- Reduced sepsis by 14 percent
- Decreased colorectal surgery readmission rates by 2 percent
- Reduced rates of negative pathology hysterectomies by 20 percent
- Increased rates of ovarian preservation by 17 percent
- Increased rates of dissection of >12 lymph nodes in colorectal cancer by 8 percent

For additional information about this CQI contact:

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About the MSQC Coordinating Center

Michigan Medicine (formerly University of Michigan Health System) serves as the coordinating center for MSQC and is responsible for collecting and analyzing comprehensive clinical data from the participating hospitals. It uses these analyses to examine practice patterns, to generate new knowledge linking processes of care to outcomes, and to identify best practices and opportunities to improve quality and efficiency. The center supports participants in establishing quality improvement goals and assists them in implementing best practices.

Michael Englesbe, MD, Associate Professor of Surgery, Transplantation Surgery Division, University of Michigan, serves as project director. Darrell “Skip” Campbell, Jr., MD, Professor of Department of Surgery, University of Michigan, serves as active emeritus project director. Greta Krapohl, PhD, RN, serves as associate project director. Beth Seese, MS, CCRC, serves as project manager.

About the Collaborative Quality Initiative Program

Sponsored by Blue Cross Blue Shield of Michigan and Blue Care Network, Collaborative Quality Initiatives bring together Michigan physicians and hospital partners to address some of the most common and costly areas of surgical and medical care.

Collaborative Quality Initiatives rely on comprehensive clinical registries that include data on patient risk factors, processes of care, and outcomes of care. As a result of the collection and analysis of procedural and outcomes data, the participants are able to implement changes in practice. These changes in practices lead to increased efficiencies, improved outcomes, and enhanced value.

Collaborative Quality Initiatives are contributing to Blue Cross achieving a lower growth in medical cost trends than the national average, which helps hold down health care costs for Blues customers statewide.

About Value Partnerships

Value Partnerships is a collection of clinically-oriented initiatives among Michigan physicians, hospitals and Blue Cross that are improving clinical quality, reducing complications, controlling cost trends, eliminating errors, and improving health outcomes throughout Michigan.

For more information about CQIs:

Send an email to cqiprograms@bcbsm.com.

Visit our website at www.valuepartnerships.com.

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