2025 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 (PSO) designated by the Agency for Healthcare Research and Quality (AHRQ). 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
* Otolaryngologists

# 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

* 100+ nurses
* 800+ surgeons contributing cases
* 69 hospitals

# Data collection

* Sampling of cases
* Over 1 million cases have been entered into the MSQC registry since inception
* Data registry: MSQC-created

# Results (from 2005-2024)

* Reduced complications by 50% (2014-2024)
* Reduced urinary tract infections by 11% (2014-2015)
* Reduced surgical site infections by 30% (2008-2015)

# 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. Michael McGee, MD, Clinical Associate Professor of Department of Surgery, University of Michigan, serves as the MSQC Co-Director. Amanda Stricklen, MS, BSN, RN and Rachel Ross, MS, BSN, RN serve co-project managers.

# 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 can implement changes in practice. These changes in practices lead to increased efficiencies, improved outcomes, and enhanced value.

# 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 additional information about this CQI contact:

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# For more information about CQIs:

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