

To improve quality of care of spine surgery by reducing surgical complications, improve patient functional outcomes, reduce costs and episodes of care, and reduce the need for repeat surgeries

## MICHIGAN SPINE SURGERY IMPROVEMENT COLLABORATIVE



MSSIC focuses on spine conditions such as stenosis, disk herniation and degenerative diseases for pain relief and function restoration. Focus areas may include prevention of surgical complications, management of failed back chronic pain syndrome, fusion vs. non-fusion procedures and tracking patient outcomes after surgery.

### Initiative updates:

- Development and implementation of Enhanced Recovery After Surgery for spine patients at all MSSIC sites
- Reducing urinary retention, surgical site infections, and readmissions
- Promoting ambulation within 8 hours of surgery to reduce complications, improve outcomes, and shorten hospital stays
- Improving patient reported outcomes such as: satisfaction, functional status, pain, and return to work
- Reduction of ED visits within 90 days after spine surgery
- Reduction of opioids prescribed at discharge for opioid naïve patients

### Performance:

20% ↓

- Reduction of lumbar surgical site infection

22% ↓

- Reduction of hospital readmissions within 90-days of discharge

71% ↓

- Reduction of urinary retention

163% ↑

- Improvement in ambulation within 8 hours of spine surgery

>19k

- Patients ambulated within 8 hours that previously would not have