

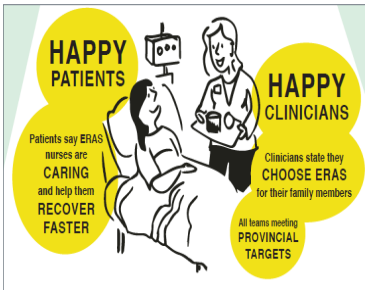
ERAS Alberta

Impacts of Initial Provincial Implementation to Transform Surgical Care

OPPORTUNITY

Each year in Alberta

- 280,000 surgeries in 57 sites
- Costing approximately 1 Billion dollars
- Wide variations in clinical practices, care delivery, patient and system outcomes
- Significant cost and capacity pressures



ACT TO IMPROVE

Provincial ERAS Implementation

- International guidelines based on evidence
- Multi-faceted clinical and system data
- Local interdisciplinary site teams
- Working with patients and researchers

HOW WE DID IT

PROVINCE-WIDE COLLABORATION

- Local innovation and learning
- Grassroots-driven changes
- Teams led by local clinicians

CONTINUOUS QUALITY IMPROVEMENT

- Evidence based practices
- Internationally researched
- Tested and proven

BEFORE SURGERY

HEALTH ACTIVITIES to promote recovery

Pain and nausea PREVENTION

DRINK JUICE 3 hours before surgery

EDUCATION to empower patients and families

DURING SURGERY

BETTER pain control

MINIMALLY invasive techniques

LOWER surgical stress

BETTER MANAGEMENT of pain, nausea and fluids

AFTER SURGERY

RETURNING TO NORMAL SOONER
no lines, drains; early removal of urinary catheters

BETTER OUTCOMES
through eating, drinking, gum chewing, moving, walking

LESS PAIN AND NAUSEA

FEWER COMPLICATIONS
such as surgical wound infections

GOING HOME at the 6 day benchmark

LESS READMISSIONS

PARTNERSHIP between patient and unit team

ERAS PATIENTS
return to home, family, work and play
up to **2.3 DAYS FASTER**

HEALTH SYSTEM BENEFITS

COST savings

increased QUALITY

greater bed CAPACITY

3024 DAYS OF BED CAPACITY given back to the system

\$3.6-\$8.0 MILLION saved in first 21 months

MEASUREMENT & RESULTS

Between 2013 and 2015 (n=1333)

Over 1300 ERAS colorectal patients

At 6 major hospitals: GNCH, PLC, RAH, MCH, UAH, FMC

- ↓ Length of stay (approximately 2 days)
- ↓ Readmission rate (approximately 8%)
- ↓ Complication rate (approximately 20%)
- ↑ Adherence to ERAS Guidelines (achieved 60% overall)



SUSTAINABILITY: Enhanced Recovery After Surgery Alberta (ERASAlberta) is a priority provincial initiative within the Surgery Strategic Clinical Network™. From 2016-2018, ERASAlberta will sustain and spread ERAS colorectal at 9 sites, and implement up to 10 more international ERAS guidelines at 3 large sites.

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