



UNIVERSITY OF  
CALGARY

# Same-day surgery for mastectomy patients in Alberta: a perioperative care pathway and quality improvement initiative

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Strategic Clinical  
Networks™

# Background

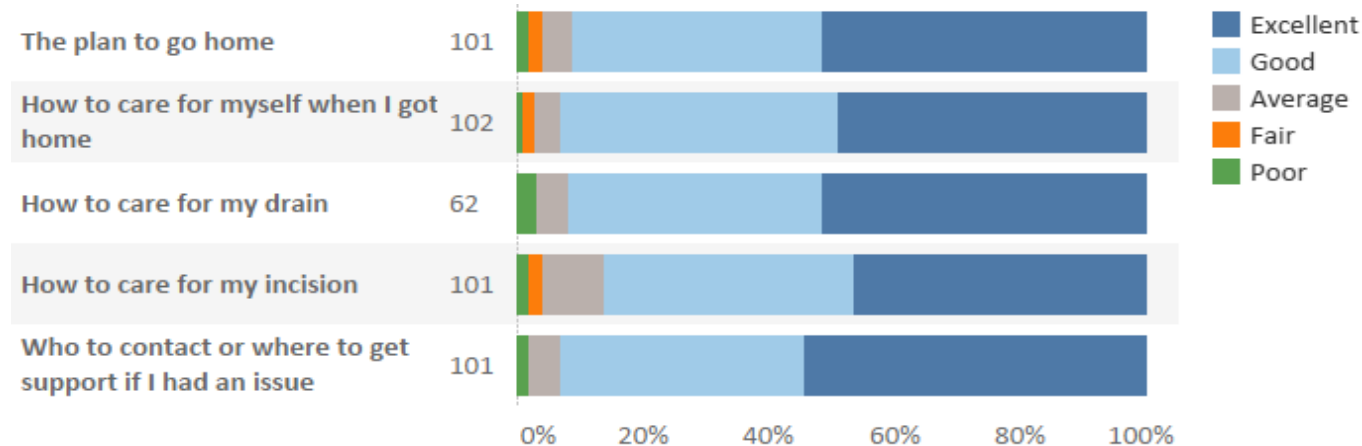
- Same-day surgery (SDS) following mastectomy is safe and well accepted
- National quality report card revealed SDS in Alberta was low 1.2% compared to 40% elsewhere
- In response, a provincial, multi-tiered perioperative pathway was conceived
- Objective: to improve the quality of care for women with breast cancer undergoing surgery across the province

# Methods

- Perioperative care pathway
  - 5 provincial zones
    - Regional committees 6-8 local members
  - Support for 3 main groups
    - Surgeons & Nurse Navigators
    - Perioperative Care Nurses
    - Patients & Family Members
  - Opportunities along the patient care experience identified
    - Provincially branded educational materials
    - In-service teaching at each hospital for perioperative staff
    - Established local protocols for at home support/follow up
  - Developed a measurement framework; rates, safety & patient reported experience measures (PRE)

# Results

- SDS following mastectomy improved from **1.2% to 40%**
- Patient Reported Experience (PRE)
  - N=102



- Subjective Recovery following surgery (QoR-15 Questionnaire)
  - Mean response across domains= 7.9/10 1-week post-operatively

# Conclusion

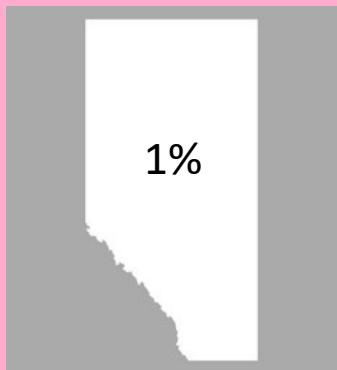
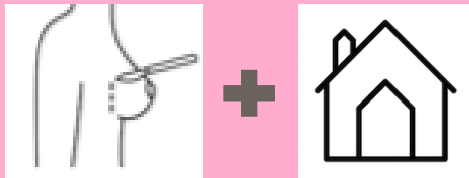
- A provincial, multi-tiered perioperative pathway improved the uptake of SDS following mastectomy
  - 1.2% 40%
- Demonstrated favourable patient reported experience measures
  - >90% of patients responding that they felt “excellent or good”
    - with the plan to go home
    - how to take care of themselves once they got home
    - who to contact if an issue should arise
- SDS following mastectomy is safe and feasible

# Same-day surgery for mastectomy patients: a perioperative care pathway

Same-day surgery in Alberta was the lowest in the country

We created a multi-tiered perioperative pathway

And changed the delivery of care...



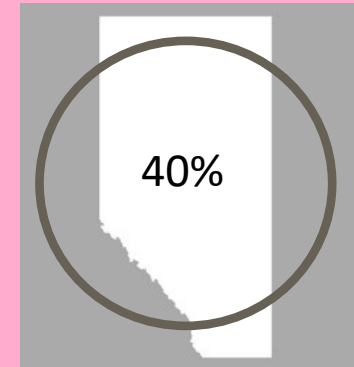
Education Booklet  
Group Classes  
Online Resources  
Nurse Navigator



Care provider In-service teaching  
Standardized discharge protocols



Order set templates  
Measurement dashboards Q4



While achieving high Patient Reported Experience Measures!