Introduction

This pathway was developed by an interdisciplinary clinical group from SickKids using research knowledge, clinical experience, and consensus agreement. This pathway is a general guideline and does not represent a professional care standard governing providers' obligations to patients. Care is revised to meet individual patient needs.

Target Population

- Children aged 2-18 years old who have undergone a laparoscopic cholecystectomy by the General Surgery Team;
- Patients are to be removed from this pathway if there are significant underlying disease, significant postoperative complications (e.g., bowel obstruction or prolonged TPN) or a change in diagnosis; and
- If a patient has Sickle Cell Disease please consult hematology for guidance on fluids, oxygen, and pain management. These patients are pre-admitted the day before surgery*

Target Users

- Surgeons, residents, fellow and nurses on ward.
## Laparoscopic Cholecystectomy Care Pathway

### Expected Date of Discharge: within 24 hours post-op

#### PRE-OPERATIVE

1. Hydration maintained
2. Adequate pain control
3. Patient prepared for OR
4. Cholecystectomy is advised of pre-op bath. Wipes to be used upon arrival. Refer to [procedure document](#).

#### IMMEDIATELY POST-OPERATIVELY

1. Arterial
2. Adequate pain control
3. Ambulation as tolerated
4. Able to tolerate fluids (immediately post-op)
5. Incision intact, no drainage, dry and intact

#### POST-OP DAY 1

1. Arterial
2. Adequate pain control
3. Ambulation
4. Able to tolerate diet
5. Incision dry & intact
6. Child care/ventilator setting completed
7. Family understanding discharge teaching

#### DISCHARGE

1. Arterial
2. Adequate pain control
3. Ambulation
4. Able to tolerated diet
5. Incision dry & intact
6. Child care/ventilator setting completed
7. Family understanding discharge teaching

### Related Documents

- Care of Patients Receiving Continuous Infusion of Opioids
- Care of Patients Receiving Patient Controlled Analgesia
- [SickKids Formulary](#)
- Fluid & Electrolyte Administration in Children

### References


**Guideline Group and Reviewers**

**Guideline Group Membership**
1. Monping Chiang RN (EC), MN, FNP, NP General Surgery
2. Fatma A. Rajwani, PT, Quality Management

**Internal Reviewers**
1. Jacob Langer MD Pediatric Surgeon

**External Reviewer**
1. Sharifa Himidan MD Pediatric Surgeon, North York General Hospital

**Implementation Plan**
- Education and awareness building by General Surgery Program (Surgeons, NPs, fellows, nurse educator) at: fellow orientation (once per year) nursing orientation (every 3 months), and residents orientation (every month).
- Surgeons to communicate any updates in practice to Division of General Surgery.

**Evaluation Plan**
- Abdominothoracic Approach order set utilization
- Length of stay (LOS)
- Correlation between LOS and order set utilization

**Attachments:**
lap chole_final_2019.pdf