Introduction

This pathway was developed by an interdisciplinary clinical team from SickKids using research knowledge, clinical experience, and consensus agreement. This is a general guideline and does not represent a professional care standard governing providers’ obligations to patients.

Target Audience:

- **Inclusion:** Children aged 2-18 years old with no underlying disease or comorbidity who have been required to have a laparoscopic splenectomy by the General Surgery Team.

- **Exclusion:**
  - 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*

  - Care should be revised to meet individual patient needs.

Target Users:

- Surgeons, Nurse Practitioners, residents, fellow, and nurses on ward.
## Laparoscopic Splenectomy Care Pathway

### Expected Date of Discharge:

#### PRE-OPERATIVE
1. **Hydration maintained**
2. **Adequate pain control**
3. **Patient prepared for OR**
4. **Child/family are armed of pre-op bath. Wipes to be used upon arrival. Refer to procedure document**

#### IMMEDIATELY POST-OPERATIVELY
1. **Alkaline**
2. **Adapted pain control**
3. **Antibiotics as tolerated**
4. **Able to tolerate oral diet (immediately post-op)**
5. **Infection intact, no drainage, dry and intact**

#### POST OP DAY #1
1. **Alkaline**
2. **Adequate pain control**
3. **Antibiotics**
4. **Able to tolerate oral diet**
5. **Infection dry & intact**

#### DISCHARGE
1. **Adequate pain control**
2. **Adequate oral intake**
3. **Antibiotics**
4. **Able to tolerate oral diet**
5. **Infection dry & intact**
6. **Child caregiver teaching completed**
7. **Family understands discharge teaching**

### GUIDELINE GROUP AND REVIEWERS

#### Guideline Group Membership
1. Monping Chiang RN (EC), MS, FNP General Surgery
2. Fatma A. Rajwani PT, Quality Analyst, Quality Management Department

#### Internal Reviewers
1. Annie Fecteau, MD Chief of General and Thoracic Surgery

#### External Reviewer
1. Sharifa Himidan MD North York General Hospital

### Implementation Plan

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Laparoscopic Splenectomy Care Pathway

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• 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.

References


Attachments:

Lap_spleen_final_2019.pdf