1.0 Introduction

1.1 Target Population:

- This pathway is for use with children aged 2-8 weeks old with no underlying disease or comorbidity who have been diagnosed with hypertrophic pyloric stenosis by the General Surgery Team who require open or laparoscopic pyloromyotomy.
- Patients are to be removed from this pathway if there are significant postoperative complications for example bowel obstruction or prolonged TPN; or a change in diagnosis.

1.2 Target users:

- Surgeons, medical trainees (residents and fellows), Nurse Practitioners, and bedside nurses.
# 2.0 Guideline

## Hypertrophic Pyloric Stenosis Care Pathway

**Expected Date of Discharge:**

### PRE-OPERATIVE

1. **Goals:**
   - Obtain history
   - Complete physical exam
   - Obtain weight and height
   - Assess vital signs
   - Complete pain assessment

### PHYSICAL EXAM

- Ensure NPO
- Set NG tube to low intermittent suction
- Administer D5W/0.9 NaCl with 20mEq KCl at maintenance

### ORAL FEEDING

- Complete CBC and differential
- Order electrolytes (K+, Cl, Na+, VBG, ura, creatinine)

### EDUCATION

- Review incision care
- Review and obtain informed consent for surgery
- Review when to call surgeon's office

## Post-op Feeding Algorithm

- **Goals:**
  - Obtain history
  - Complete physical exam
  - Obtain weight and height
  - Assess vital signs
  - Complete pain assessment

- **Expected Date of Discharge:**
  - Activities
  - Adequate pain control
  - Antibiotics
  - Able to tolerate diet
  - Infection dry and intact
  - Child caregiver teaching completed
  - Family understands discharge teaching

## References

4.0 Guideline Group and Reviewers

Guideline Group Membership

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4. Julia Smallman, NP General Surgery
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Internal Reviewers

1. Jacob Langer MD

Attachments:

- py stenosis_final_2019.pdf
- Pyloric Stenosis Post-op Feeding Algorithm.pdf