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:

<table>
<thead>
<tr>
<th>Phase</th>
<th>Goals</th>
<th>Pre-operative</th>
<th>Recovery</th>
<th>Discharge</th>
</tr>
</thead>
<tbody>
<tr>
<td>GOALS</td>
<td>Obtain history</td>
<td>Complete physical exam</td>
<td>Obtain weight and height</td>
<td>Assess vital signs</td>
</tr>
<tr>
<td>PHYSICAL EXAM</td>
<td>Ensure NPO</td>
<td>SET NG tube to low intermittent suction</td>
<td>Administer D5W0.9 NaCl with 20mmol KCl at maintenance adequate fluid intake</td>
<td>Review fed and electrolyte guidelines</td>
</tr>
<tr>
<td>UNIT CARES</td>
<td>Complete CBC and differential</td>
<td>Order electrolytes (K+, Na+, Ca++, Mg++, BUN, crea, urine)</td>
<td>Complete labs as indicated</td>
<td>Ensure adequate pain control</td>
</tr>
<tr>
<td>NURSING &amp; MEDICATION</td>
<td>Provide caregiver education i.e. diagnosis is not a surgical emergency and that child may have to wait for surgery</td>
<td>Review pre-operative care</td>
<td>Review pre-operative care</td>
<td>Review post-operative care</td>
</tr>
</tbody>
</table>

Printable versions of:

Hypertrophic Pyloric Stenosis Pathway
Post-op Feeding Algorithm

3.0 References

4.0 Guideline Group and Reviewers

Guideline Group Membership

1. Monping Chiang, NP General Surgery
2. Dina Prajapati, NP General Surgery
3. Anna Polanski, NP General Surgery
4. Julia Smallman, NP General Surgery
5. Irina Pashynskyy, NP General Surgery

Internal Reviewers

1. Jacob Langer MD

Attachments:

py stenosis_final_2019.pdf

Pyloric Stenosis Post-op Feeding Algorithm.pdf