Hypertrophic Pyloric Stenosis Care Pathway

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

<table>
<thead>
<tr>
<th>Pre-operative</th>
<th>Recovery</th>
<th>Discharge</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Hydration maintained</td>
<td>1. Activity</td>
<td>1. Activity</td>
</tr>
<tr>
<td>2. Electrolyte correction</td>
<td>2. Adequate pain control</td>
<td>2. Adequate pain control</td>
</tr>
<tr>
<td>4. Child and family to complete pre-op bath (wipes provided upon arrival)</td>
<td>4. Begin feeding as tolerated</td>
<td>4. Begin feeding as tolerated</td>
</tr>
<tr>
<td></td>
<td>5. Incision and no drainage</td>
<td>5. Incision and no drainage</td>
</tr>
</tbody>
</table>

#### Expected Date of Discharge:

1. Activity
2. Adequate pain control
3. Anticipating
4. Able to tolerate diet
5. Invasion dry and intact
6. Child caregiver teaching completed
7. Family understands discharge teaching

### References

9. Children's Hospital Central California Pyloric Stenosis Surgical Pathway
10. University of Maryland Medical Systems Physician Order Sheet – Pyloric Stenosis

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