

## Evidence Based Outcome Center

### EXCLUSION CRITERIA

- Age < 3 months **OR** > 6 years
- Children with signs of sepsis
- Underlying medical condition
- Comorbidities
- Recent surgery

### Inclusion Criteria

Patient 3 months to 6 years of age presenting with abdominal pain and at least one following:

- (1) Bloody Stool, (2) Lethargy, (3) Vomiting, **OR** (4) History & examination suggestive of intussusception

Determination of Clinical Severity by Attending Physician

### Low

Criteria:  
Stable general condition  
Without signs of severe or moderate criteria

Consider PIV placement

Manage OFF-Pathway

### Moderate

Stable appearance with any of the following criteria:

- Duration of symptoms > 48 hours
- Age 3 to 6 months
- Dehydration
- Lethargy
- Concern for small bowel obstruction
- Hematochezia

- Place IV
- Order NS bolus
- Consider ordering analgesia

Order STAT Ultrasound

Consider 2 View Abdominal X-ray if concern for small bowel obstruction

Ultrasound consistent with intussusception?

YES

IV placed?

YES

Order air enema

Pulse Oximeter & nurse monitoring during transport and procedure  
Ensure patient is stable and has adequate hemodynamic stability

Perforation?

NO

Intussusception reduced?

YES

Admit for 4-6 hours observation

### DISCHARGE CRITERIA

- Tolerating PO
- Adequate urine output
- No persistent abdominal pain
- No persistent emesis
- No vital sign instability

Discharge

### Severe

Poor appearance with any of the following:

- Signs of shock
- Signs of peritonitis
- Signs of free air

Order STAT:

- 2 View Abdominal X-ray
- Ultrasound
- AND -
- Place IV
- Order NS bolus

Peritonitis or free air?

NO

YES

### Emergency Department Antibiotic Management: Combination Therapy:

#### Cefazolin:

33 mg/kg/dose IV q8 hours | Max 2000 mg/dose

#### Metronidazole:

10 mg/kg/dose IV Q8 hours | Max 500 mg/dose

OR

#### Ceftriaxone:

75mg/kg/dose IV Q24 hours | Max 2000 mg/dose

#### Metronidazole:

10 mg/kg/dose IV Q8 hours | Max 500 mg/dose

Manage OFF-Pathway  
STAT Surgical Consult

Surgical Consult

Patients with partial reduction are candidates for repeat air contrast enema.

Admit to Surgical Service  
Manage OFF-Pathway