# **Emergency Department Intussusception Care Guideline**



**Inclusion Criteria:** 3mo-3yrs with most common 9mo-2yrs, with no underlying disease or comorbidity

**Exclusion Criteria:** Free air noted on x-ray, concern for tumor, intestinal necrosis, clinically unstable

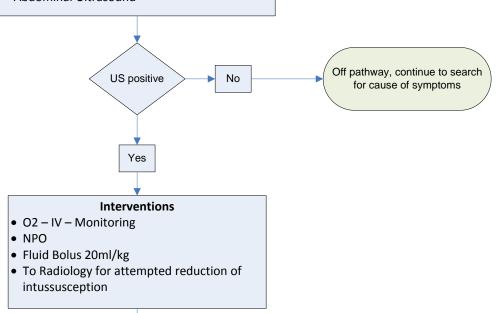
#### **Assessment**

- Vital signs
- Obtain history: Classic Triad: abdominal pain, vomiting and bloody stools; Complete pain assessment; Characteristics of stools; Any recent illness
- · Complete physical exam
- Abdominal Ultrasound

Active

## Recommendations/ Considerations

- There is an 8%-10% chance of recurrence, with 80%-90% of those being within the first 24 hours after reduction
- Generally, up to 3 reductions is standard of practice in the US, depending on the patient's stability, no ascites and good vascularity on the US.
- KUB for free air if patient is ill appearing



**ADMIT** Consult Reduction Nο Pediatric successful Surgery Yes Observe in ED minimum of 2 hours **Patient Education**  Provide education for parents/ **Meets Discharge Criteria** caregivers from Cerner FirstNet-Vital signes WNL Caring for Your Child After Pain free No No frank blood in stools Intussusception Hydrated, tolerating diet for age

Approved Evidence Based Medicine Committee 7-17-19

Reassess the appropriateness of Care Guidelines as condition changes and 24 hrs after admission. This guideline is a tool to aid clinical decision making. It is not a standard of care. The physician should deviate from the guideline when clinical judgment so indicates.

#### References

## Intussusception

ACR-SPR Practice Parameter for the performance of pediatric fluoroscopic contrast enema exams. Rev. 2016.

Gluckman S, Karpelowsky J, et al. Management for intussusception in children (review). Cochrane Database of Systematic Reviews 2017, Issue 6. Art. No.: CD006476. DOI: 10.1002/14651858.CD006476.pub3.

Gray MP, Shun-Hwa L, et al. Recurrence rates after intussusception enema reduction: a meta-analysis. Pediatrics 2013. doi:10.1542/peds.2013-3102

Otero HJ, White AM, et al. Imaging Intussusception in Children's Hospitals in the United States: Trends, Outcomes, and Costs. Journal of the American College of Radiology. April 2019. https://doi.org/10.1016/j.jacr.2019.04.011