

# ***GUNDERSEN HEALTH SYSTEM ULTRASOUND DEPARTMENT POLICY AND PROCEDURE MANUAL***

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SUBJECT: Sonographic Evaluation for Intussusception

SECTION: Radiology Ultrasound

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## **Intussusception Technique**

- High frequency transducer (5-12 MHz)
- Probe held in transverse orientation with respect to the colon (supplemental imaging in other planes when necessary)
- Start in RLQ, find the cecum
- Trace the colon in its entirety toward the rectum
- Use intermittent compression
- Check quadrants for dilated bowel, free fluid, free air

**Evaluation for intussusception is an urgent or emergent exam therefore no prep is required. The typical age range for occurrence is 4 months to 5 years, but intussusception can be found in older children as well – up to 7 or 8 years of age. Check with the radiologist if we are asked to perform this exam on a child older than 7 years of age and/or obese.**

### **Imaging Protocol**

- Cecum, with and without compression
- Terminal ileum if identified
- RUQ colon transverse to bowel
- LUQ colon transverse to bowel
- LLQ colon transverse to bowel
- Any additional images of dilated fluid-filled bowel, free fluid, and/or free air

- Probe held in transverse orientation with respect to the colon

