

## FLUORO RECOMMENDED READING

Please read the following articles during your week on fluoroscopy/x-ray during your 8-12 week rotation as an R2. If you are an R3 or seek more directed reading, see additional readings for resources on technique and/or pathology.

- A. General tips and tricks: [LinkClick.aspx \(pedrad.org\)](#)
- B. Upper GI:
  - a. Applegate, KE et al. RadioGraphics 2006 26:5, 1485-1500. [Intestinal Malrotation in Children: A Problem-solving Approach to the Upper Gastrointestinal Series | RadioGraphics \(rsna.org\)](#)
- C. Neonatal GI (upper and lower):
  - a. Vinocur DN et al. Neonatal Intestinal Obstruction. AJR 2012 198:1, W1-W10. [Neonatal Intestinal Obstruction : American Journal of Roentgenology : Vol. 198, No. 1 \(AJR\) \(ajronline.org\)](#)
- D. VCUG:
  - a. Berrocal T et al. RadioGraphics 2002 22:5, 1139-1164. [Anomalies of the Distal Ureter, Bladder, and Urethra in Children: Embryologic, Radiologic, and Pathologic Features | RadioGraphics \(rsna.org\)](#)
- E. Intussusception:
  - a. Plut D et al. AJR 2020;215: 1449-146. [Practical Imaging Strategies for Intussusception in Children : American Journal of Roentgenology : Vol. 215, No. 6 \(AJR\) \(ajronline.org\)](#)

### Additional resources:

- 1. General
  - a. Descriptions of procedures: [Procedures | Pediatric Radiology Reference Article | Pediatric Imaging | @pedsimaging](#)
  - b. Selection of enteric contrast (also includes CT and MR): [Slide 1 \(pedrad.org\)](#)
- 2. Thoracic
  - a. Diaphragm: Nason LK. Imaging of the Diaphragm: Anatomy and Function. RadioGraphics 2012 32:2, E51-E70. [Imaging of the Diaphragm: Anatomy and Function | RadioGraphics \(rsna.org\)](#)
  - b. Esophagus: Hryhorczuk A et al. AJR. 2013;201: W519-W532. 10.2214/AJR.12.9291. [Esophageal Abnormalities in Pediatric Patients : American Journal of Roentgenology : Vol. 201, No. 4 \(AJR\) \(ajronline.org\)](#)
- 3. GI Tract
  - a. Upper and lower GI: Stanescu AL, Liszewski MC, Lee EY, Phillips GS. Neonatal Gastrointestinal Emergencies: Step-by-Step Approach. Radiol Clin North Am. 2017 Jul;55(4):717-739. doi: 10.1016/j.rcl.2017.02.010. Epub 2017 Apr 27. PMID: 28601177. (full article not available online)
  - b. Enteric contrast selection: Callahan, M.J., Talmadge, J.M., MacDougall, R.D. et al. Selecting appropriate gastroenteric contrast media for diagnostic fluoroscopic imaging in infants and children: a practical approach. Pediatr Radiol 47, 372–381 (2017). <https://doi.org/10.1007/s00247-016-3709-5> (full article not available online)
  - c. Neonatal imaging algorithm: [Neonatal Bowel Disorders: Practical Imaging Algorithm for Trainees and General Radiologists \(ajronline.org\)](#)
- 4. Urogenital anomalies
  - a. Anorectal malformation (with some MRI also): Leonor Alamo, BJ et al RadioGraphics 2013 33:2, 491-512. [Anorectal Malformations: Finding the Pathway out of the Labyrinth | RadioGraphics \(rsna.org\)](#)
  - b. Fernbach SK. Pediatric Voiding Cystourethrography: A Pictorial Guide. RadioGraphics 2000 20:1, 155-168. <https://pubs.rsna.org/doi/10.1148/radiographics.20.1.g00ja12155>
- 5. Physics: Dose reduction
  - a. Hernanz-Schulman, M et al. AJR. [Pause and Pulse: Ten Steps That Help Manage Radiation Dose During Pediatric Fluoroscopy : American Journal of Roentgenology : Vol. 197, No. 2 \(AJR\) \(ajronline.org\)](#)