Pediatric Radiology Curriculum- Part Deux

The second rotation takes what you learned during your first time in peds and expands your modality exposure and knowledge. There is now an expectation that the resident will read more complex imaging, which includes MRI, CT, and PET. There should also be an introduction to cardiac CTA, if there are studies available and time permits; however, the high end CT’s would be first available to 3rd or 4th year rotation residents.

What to read: You should have read Donnelly’s “Fundamentals of Pediatrics” during your first rotation. If not, you are highly encouraged to finish the book and should even consider re-reading the sections on chest, GI, GU, and MSK.

Reading:
Text: No assigned chapters. Certain cases may warrant reading chapters from Keats or Caffeys.

PowerPoint: Please review the pediatric fluoro manual prior to the first day. It’s a good reminder on contrast options and basic techniques.

Modules: Please review the foreign body, neonatal chest, and airway modules at your convenience.

Journal articles:
- “Imaging Evaluation of Pulmonary and Abdominal Complications Following Hematopoietic Stem Cell Transplantation” Radiographics
- “Pediatric Bone Imaging: Elbow Trauma in Children- A review of acute and chronic injuries” AJR
- “Elbow injuries in the young athlete—an orthopedic perspective” PedRad
- “Scoliosis: What the radiologist should know” Radiographics
- “Fellow Discussion: Orbital swelling” PedRad
- “Neonatal Cardiac Imaging” PedRad
- “Imaging assessment of patellar instability and its treatment in children and adolescents” PedRad