



## Pediatric Radiology Curriculum

Phoenix Children's Hospital 2023-2024

### NECK

Thyroid

Imaging of Pediatric Thyroid Disorders

Diagnostic Dilemma: Thyroid Nodule

### CHEST

Congenital Lung Abnormalities: Prenatal and Postnatal Imaging

Pediatric Pulmonary

Pediatric Chest Wall

Airway Imaging

Pediatric Airway

Rings and Slings

Pediatric Pneumonia

Pediatric Viral Chest

Neonatal Chest Parts I, II, III

### CARDIAC

Cardiac Anatomy with Emphasis on Cross Section with a Systemic Sequential Analysis of Cardiac Structures

Congenital Heart Disease Presenting with Pulmonary Venous Congestion or Normal Pulmonary Blood Flow

Pediatric Cardiac

### ABDOMEN/PELVIS

Interpretation of Pediatric Abdominal Films

Neonatal Catheters: Normal Appearance, Anomalous Positions & Complications

Pediatric Liver Masses

Liver Tumors  
Liver Non-Tumor  
Gallbladder/Biliary  
Biliary Disorders in Children  
Spleen Masses/Pathology  
Pediatric Pancreatico-Biliary Abnormalities  
Pancreas Masses  
Pancreatic Masses Part I&II  
Adrenal Masses/Pathology  
MR Enterography (Crohn's Disease/Ulcerative Colitis/Anal Fistulas)  
Colon Pathology: Congenital, Functional, Infectious/Inflammatory, and  
Neoplasm  
Colon Pathology (Crohn's Disease/Ulcerative Colitis)  
Bowel Obstruction

#### RENAL/URINARY

Imaging of Pediatric Renal Transplantation  
Congenital Renal Anomalies  
Genitourinary Tumors

#### FEMALE GENITALIA

Female Genitourinary Anomalies  
Female Genitourinary: Masses and Miscellaneous  
Imaging of Gynecologic Anomalies  
Cloacal Malformations

#### MALE GENITALIA

Male Genitourinary Scrotal Pathology

#### MUSCULOSKELETAL

Benign Pediatric Bone Lesions  
Malignant Pediatric Bone Lesions  
Musculoskeletal Infectious and Inflammatory Disease  
Soft Tissue Masses (Lumps and Bumps Lecture) Part I  
Soft Tissue Masses (Lumps and Bumps Lecture) Part II  
Elbow Fracture

Bankart Tears and General Post-op Imaging  
Skeletal Dysplasias  
Metabolic Bone Disease  
Common Pediatric Fractures  
Pediatric Fractures  
Osteochondral Injuries and epiphyseal variants  
Physeal trauma  
Knee MRI  
Ankle MRI  
Shoulder MRI

#### FETAL

Fetal DVD/Lecture, 3 sessions  
Prenatal Diagnosis of Congenital CNS Anomalies  
Prenatal Diagnosis of Congenital Facial Anomalies  
Prenatal Diagnosis of Congenital Neck Anomalies  
Prenatal Diagnosis of Congenital Thoracic Anomalies  
Prenatal Diagnosis of Congenital GI and Abdominal Wall Anomalies  
Prenatal Diagnosis of Congenital Genitourinary Anomalies  
Prenatal Diagnosis of Congenital Skeletal Anomalies  
Prenatal Diagnosis of Congenital Heart Disease

#### PLAIN FILM

Medical Devices on Plain Film

#### FLUOROSCOPY

Fluoroscopy (Malrotation/Volvulus/Atresias)  
VCUG

#### ULTRASOUND

US Machine Knobology  
Hands on US (Abdomen)  
Hands on US (Renal)  
Hands on US (Appendix)  
Hands on US (Doppler)  
Hands on US (Congenital Hips)

Emergency Pediatric Ultrasound  
Head and Neck  
Neurosonography  
Basic Head Ultrasound  
Head and Neck Ultrasound (Neck Masses and Cysts)  
Sonographic Imaging of Liver Transplants  
Basic Ultrasound Elastography  
Pyloric Stenosis  
Intussusception  
Appendix  
US Volvulus/Malrotation  
Dynamic Ultrasound of Congenital Hip Dysplasia  
Slipping Rib Syndrome  
Basic Doppler Ultrasound

## NUCLEAR MEDICINE

Lungs and Cardiac  
Renal  
Pediatric Skeletal Scintigraphy  
Introduction to Pediatric PET

## CT

CT Iterative Reconstruction, IMR and 3D

## MRI

MR Body Basics, Technique, and Optimization

## VASCULAR MALFORMATION

Vascular Malformation I  
Vascular Malformation II

## CTA/MRA

Abdominal Angiography  
Abdominal Angiography  
Congenital CTA Bootcamp (NASCI Lecture 9/2022)

SNAT

PEDIATRIC TRAUMA

Pediatric Trauma

VENTRICULAR SHUNTS (PERITONEAL, PLEURAL, etc.)

Imaging of CSF Shunt Complications in Children

FOREIGN BODIES

Button Battery Ingestion

SYMPTOMS/DISEASES

The Vomiting Child

Imaging of Abdominal Pain

Pediatric Cocci

RADIATION SAFETY

Image Gently

ALARA in Pediatric Imaging

RADIOLOGY BUSINESS/LEADERSHIP/RESEARCH

Leadership 101

Business RVU

The Business of Radiology

The Long and Winding Career Path

Evaluation of Qualitative Research on Health Disparities in Radiology

PEDIATRIC RADIOLOGY BOARD REVIEW

100 Cases

Case Conferences