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

VErTICAL 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