Pediatric Radiology

RADIOLOGICAL SOCIETY OF NORTH AMERICA
105th Scientific Assembly and Annual Meeting

Meeting.RSNA.org
#RSNA19
Accreditation and Designation Statements

The Radiological Society of North America (RSNA®) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The RSNA designates this live activity for a maximum of 94.00 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The Commission on Accreditation of Medical Physics Education Program (CAMPEP) has approved the direct transfer of *AMA PRA Category 1 Credit™* to MPCEC on a credit-for-credit basis for medical physicists.

Corporate Symposium

Please refer to each course description in the online program to determine if CME credit is offered for the session. Instructions on claiming credit will be provided during the course. CME credit for the Corporate Symposia will be provided through a third-party provider and not through RSNA.

Program information is subject to change. For the most up-to-date information, please use your Meeting App or visit Meeting.RSNA.org.
12:45–1:15 PM
Posters and Exhibits: Discussions
Pediatric Monday Poster Discussions
Session PDS-MOB . . . . PD Community, Learning Center

3:00–4:00 PM
Scientific Papers Sessions
Science Session with Keynote: Cardiac (Congenital and Pediatric Imaging)
Session SSE03 . . . . . . . . . . . . . . . . . . . . . . . . . . . . E350
Pediatrics (Interventional Radiology)
Session SSE21 . . . . . . . . . . . . . . . . . . . . . . . . . . . . S403B

Tuesday, Dec. 3, 2019

Case of the Day
Pediatric Tuesday Case of the Day
Session ED012-TU . . . . . . Case of Day, Learning Center

7:15–8:15 AM
Educational Courses
Houston, We Have a Problem (Case-based Competition)
Session SPDL30 . . . . . . . . . . . . . . . . . . . . . . . . . . . . E451B

8:30–10:00 AM
Educational Courses
Review of Pediatric Nuclear Medicine
Course RC311 . . . . . . . . . . . . . . . . . . . . . . . . . . . . S504CD
CT Dose Monitoring: Nuts, Bolts, and Tools... and What We Need to Build
Course RC324 . . . . . . . . . . . . . . . . . . . . . . . . . . . . N226

8:30 AM–12:00 PM
Educational Courses
Pediatric Series: Musculoskeletal Imaging
Course RC313 . . . . . . . . . . . . . . . . . . . . . . . . . . . . N228

12:15–12:45 PM
Posters and Exhibits: Discussions
Pediatric Tuesday Poster Discussions
Session PDS-TUA . . . . . PD Community, Learning Center

12:45–1:15 PM
Posters and Exhibits: Discussions
Pediatric Tuesday Poster Discussions
Session PDS-TUB . . . . . PD Community, Learning Center

1:30–3:00 PM
Educational Courses
Case-based Review of Nuclear Medicine: PET/CT Workshop-Abdomen/Pelvis & Pediatrics (in Conjunction with SNMMI) (Interactive Session)
Course MSCC33 . . . . . . . . . . . . . . . . . . . . . . . . . . . . E450B

3:00–6:00 PM
Educational Courses
Pediatric Series: Gastrointestinal/Genitourinary
Course RC413 . . . . . . . . . . . . . . . . . . . . . . . . . . . . E353B

4:30–6:00 PM
Educational Courses
Neuroradiology: Small Tricks to Avoid Big Misses (Interactive Session)
Course RC405 . . . . . . . . . . . . . . . . . . . . . . . . . . . . S406A

Wednesday, Dec. 4, 2019

Case of the Day
Pediatric Wednesday Case of the Day
Session ED012-WE . . . . . . Case of Day, Learning Center

8:30–10:00 AM
Educational Courses
Case-based Review of Pediatric Radiology (Interactive Session)
Course MSCP41 . . . . . . . . . . . . . . . . . . . . . . . . . . . . E450B
BOOST: Pediatric-Case-based Multidisciplinary Review (Interactive Session)
Course MSRO41 . . . . . . . . . . . . . . . . . . . . . . . . . . . S103CD

8:30 AM–12:00 PM
Educational Courses
Pediatric Series: Pediatric Radiology
Course RC513 . . . . . . . . . . . . . . . . . . . . . . . . . . . . S405AB

10:30 AM–12:00 PM
Educational Courses
Case-based Review of Pediatric Radiology (Interactive Session)
Course MSCP42 . . . . . . . . . . . . . . . . . . . . . . . . . . . . E450B

12:15–12:45 PM
Posters and Exhibits: Discussions
Pediatric Wednesday Poster Discussions
Session PDS-WEA . . . . . PD Community, Learning Center
Thursday, Dec. 5, 2019

Case of the Day
Pediatric Thursday Case of the Day
Session ED012-TH . . . . . . Case of Day, Learning Center

8:30–10:00 AM
Educational Courses
High Yield Pediatric Neuroradiology
Course RC605 . . . . . . . . . . . . . . . . . . . . . . . . . E450B

8:30 AM–12:00 PM
Educational Courses
Pediatric Series: Pediatric Safety and Quality
Course RC613 . . . . . . . . . . . . . . . . . . . . . . . . . S502AB

10:30 AM–12:00 PM
Scientific Papers Sessions
Pediatrics (Ultrasound)
Session SSQ17 . . . . . . . . . . . . . . . . . . . . . . . . . S105AB

12:15–12:45 PM
Posters and Exhibits: Discussions
Pediatric Thursday Poster Discussions
Session PDS-THA . . . . . . PD Community, Learning Center

3:00–4:00 PM
Educational Courses
Peds, IR, Potpourri (Case-based Competition)
Session SPDL51 . . . . . . . . . . . . . . . . . . . . . . . . . . . E451B

4:30–6:00 PM
Educational Courses
Emergency Imaging of 'At Risk' Populations
Course RC708 . . . . . . . . . . . . . . . . . . . . . . . . . . . N227B
Read Cases with Experts
Course RC713 . . . . . . . . . . . . . . . . . . . . . . . . . . . E351

Friday, Dec. 6, 2019

8:30–10:00 AM
Educational Courses
Pediatric Neuroemergencies
Course RC813 . . . . . . . . . . . . . . . . . . . . . . . . . . . E451A

10:30 AM–12:00 PM
Scientific Papers Sessions
Science Session with Keynote: Pediatrics (Artificial Intelligence and Machine Learning)
Session SST08 . . . . . . . . . . . . . . . . . . . . . . . . . . . E261

Sunday, Dec. 1, 2019

12:00–1:00 PM
Posters and Exhibits Discussions
(CME is available when the author is present for discussion during the lunch period)

12:30–1:00 PM
Scientific Posters
Prognostic Value of CTA-Derived Left Ventricular Mass in Neonate Infants with Congenital Heart Disease
PD200-SD-SUA1 . . . . . . . . . . . . . . . . . . . . . . . . . . Station #1

Resting State Functional MRI Connectivity in Infants with Neonatal Abstinence Syndrome
PD202-SD-SUA3 . . . . . . . . . . . . . . . . . . . . . . . . . . Station #3

Symmetrical Functional Connectivity Strength Between Bilateral Anterior Heschl’s Gyri Are Negatively Associated With Receptive Function During Infancy
PD235-SD-SUA5 . . . . . . . . . . . . . . . . . . . . . . . . . . Station #5
Utility of Elbow Radiographs for Pediatric Patients with Torus Fractures of the Wrist  
PD201-SD-SUA2. Station #2

Utility of Fetal Magnetic Resonance Imaging in Assessing Normal and Abnormal Fetal Cardiac Axis  
PD234-SD-SUA4. Station #4

12:30–1:00 PM  
**Education Exhibits**

Contrast-Enhanced Ultrasound (CEUS) Findings in Pediatric Hepatobiliary and Pancreatic Malignancies  
PD168-ED-SUA7. Station #7

Diffusion Weighted Imaging of Pediatric Spine: Technique and Clinical Applications  
PD169-ED-SUA8. Station #8

Neuro-Imaging of Neuronal and Mixed Glioneuronal Tumors: Current Status and Future Prospects  
PD167-ED-SUA6. Station #6

1:00–1:30 PM  
**Scientific Posters**

Artificial Intelligence System Improves the Performance of Radiologist in Bone Age Assessment  
PD205-SD-SUB3. Station #3

Conventional and ZOOmit DWI for Evaluation of Fetal Brain at 3T: Preliminary Experience  
PD231-SD-MOA5. Station #5

Accuracy of Transperineal Sonography for Determination of the Type of Imperforate Anus  
PD206-SD-MOA1. Station #1

Accuracy of Ultrasonography and MRI for the Detection of Orofacial Clefts  
PD207-SD-MOA2. Station #2

Does Liver Biopsy with Larger Needles and Tract Embolization in Liver Transplant Patients have a Higher Complication Rate?  
PD230-SD-MOB4. Station #4

Imaging Types and Features of 72 Cases with Pulmonary Congenital Lymphatic Diseases in Children  
PD208-SD-MOB3. Station #3

1:45–2:15 PM  
**Scientific Posters**

3D UTE-MRI for Combined Morphologic and Functional Imaging in Pediatric Patients with Pulmonary Disease: Initial Experience  
PD232-SD-MOB4. Station #4

Clinical Value of GSI Run-Off CTA with Low Concentration Contrast Agent in Pediatric Patients with Lower Limb Hemangioma  
PD233-SD-MOB5. Station #5

Imaging of Childhood Pulmonary Langerhans Cell Histiocytosis  
PD209-SD-MOB1. Station #1

Role of Diffusional Kurtosis Imaging in Distinguishing Abdominal Neuroblastic Tumors of Various Histological types and Differentiation Grades: Preliminary Results  
PD210-SD-MOB2. Station #2

**Monday, Dec. 2, 2019**

**12:15–12:45 PM**  
**Scientific Posters**

Accuracy and Precision in Pediatric Chest Radiograph Interpretation: A Comparison of Radiology Subspecialists  
PD231-SD-MOA5. Station #5

**12:15–12:45 PM**  
**Education Exhibits**

Before and After: Review of Fetal MR Imaging with Postnatal Follow-Up  
PD173-ED-MOA6. Station #6

Superficial Soft-Tissue Lesions with High Vascular Density on Sonography in Pediatric Patients: More Than Just Hemangiomas  
PD174-ED-MOA7. Station #7

**12:45–1:15 PM**  
**Scientific Posters**

Thoracic Osteoarticular Pathology in Cystic Fibrosis: A Source of Added Comorbidity Coming Along with Longer Life Expectancy - How Prevalent is It and How Much Does It Depend on the Degree of Lung Involvement?  
PD203-SD-SUB1. Station #1

Metaphyseal Lesions in the Knee: A Review of 84 Patients with Achondroplasia - Beyond Irregularities, Splaying, and Fraying  
PD204-SD-SUB2. Station #2

**1:00–1:30 PM**  
**Scientific Posters**

3D UTE-MRI for Combined Morphologic and Functional Imaging in Pediatric Patients with Pulmonary Disease: Initial Experience  
PD232-SD-MOB4. Station #4

Role of Diffusional Kurtosis Imaging in Distinguishing Abdominal Neuroblastic Tumors of Various Histological types and Differentiation Grades: Preliminary Results  
PD210-SD-MOB2. Station #2
Sonographic Evaluation of Rectoanal Inhibitory Reflex (RAIR) in Patients with Hirschsprung Disease
PD211-SD-MOB3 .......................... Station #3

12:45-1:15 PM
Education Exhibits
Spotlight on the Pediatric Eye: A Review of Orbital Anatomy and Congenital Orbital Pathologies
PD175-ED-MOB6 .......................... Station #6
Visualizing 4D Airway Data from Dynamic CT
PD176-ED-MOB7 .......................... Station #7

Tuesday, Dec. 3, 2019

12:15-12:45 PM
Scientific Posters
Image-Guided Biopsies of Superficial Soft-Tissue Lesions in Children: An Analysis of Clinical and Imaging Presentation and Diagnostic Yield of the Procedure
PD245-SD-TUA5 .......................... Station #5
Intussusception Reduction Techniques in Children: What Do Radiologists Do in the Developing World? National Survey Findings from Pakistan
PD244-SD-TUA4 .......................... Station #4
Neonatal Chest Radiograph: A Comparison of Dose Imaging and Radiographic Technique Protocols - A Multi-Institutional Study
PD214-SD-TUA3 .......................... Station #3
Pulmonary Atelectasis in Pediatric Patients Undergo MRI Study in General Anesthesia
PD213-SD-TUA2 .......................... Station #2
The Evaluation of Mono-Energetic Reconstruction Images of Children's Liver Parenchyma in Revolution CT
PD212-SD-TUA1 .......................... Station #1

12:15-12:45 PM
Education Exhibits
Dual-Energy CT Applications in the Pediatric Cardiothoracic Imaging
PD178-ED-TUA7 .......................... Station #7
Subpial Hemorrhage in Neonates: What Radiologists Need to Know
PD177-ED-TUA6 .......................... Station #6

12:45-1:15 PM
Scientific Posters
A Short-Term MRI Study of Acetabular Adaptation in Developmental Dysplasia of the Hip Treated by Open Reduction or Open Reduction Combined with Dega Osteotomy
PD246-SD-TUB4 .......................... Station #4
Contrast-Enhanced Ultrasound-Guided Biopsy in Children: Pathologic Evaluation of Biopsy Specimens
PD216-SD-TUB2 .......................... Station #2
Effect of Detector Width on the Image Quality of Pediatric Chest CT without Sedation
PD217-SD-TUB3 .......................... Station #3
Evaluation of the Use of Molybdenum Filter for Dose Reduction in Pediatric Digital X-Ray Imaging
PD215-SD-TUB1 .......................... Station #1
Performance of Deep-Learning-Based Algorithm for the Detection of Ileocolic Intussusception on Abdominal Radiography of Young Children
PD247-SD-TUB5 .......................... Station #5

12:45-1:15 PM
Education Exhibits
A Case-based Review of Pancreatic Lesions in Children
PD179-ED-TUB6 .......................... Station #6
Spectrum of Imaging Findings in Neonatal Chikungunya Encephalitis
PD180-ED-TUB7 .......................... Station #7

Wednesday, Dec. 4, 2019

12:15-12:45 PM
Scientific Posters
Altered Brain Networks in Postoperative Non-Syndrome Cleft of Lip with or without Palate (NSCL/P) Children after Speech Correction: A Resting-State fMRI Study
PD248-SD-WEA4 .......................... Station #4
Diagnostic Reference Levels for Japan During Diagnostic and Therapeutic Cardiac Catheterization in Age-Based Pediatric Examinations
PD219-SD-WEA2 .......................... Station #2
Modified Multi-Scale U-Net Deep-Learning Network for Pediatric Hand Bone Segmentation in X-Ray Image
PD218-SD-WEA1 .......................... Station #1
Role of Fetal MRI in the Assessment of the Central Nervous System (CNS) Involvement in Fetuses with Congenital Heart Diseases (CHD)
PD220-SD-WEA3 .......................... Station #3
Utilization of Knee Radiography as a Method for Bone Age Evaluation
PD249-SD-WEA5 . . . . . . . . . . . . . . . . . . . . . . Station #5

12:15–12:45 PM
Education Exhibits
Practical Application of Microvascular Ultrasound Imaging in Children
PD181-ED-WEA6 . . . . . . . . . . . . . . . . . . . . . . Station #6

12:45–1:15 PM
Scientific Posters
Automated Bone Age Assessment with Joint Ossification Center Detection from Hand Radiograph
PD251-SD-WEB5 . . . . . . . . . . . . . . . . . . . . . . Station #5

Diffusion and Perfusion Quantified by IntraVoxel Incoherent Motion Imaging in the Study of Normal Pulmonary and Renal Maturation During Prenatal Life: A Fetal MR Study
PD223-SD-WEB3 . . . . . . . . . . . . . . . . . . . . . . Station #3

Investigation of Brain Functional Reorganization Following Chronic Spinal Cord Injury in the Pediatric Population Using Resting State-Functional MRI
PD222-SD-WEB2 . . . . . . . . . . . . . . . . . . . . . . Station #2

Morphometric Technique for Cortical Parameters Estimation in Neonates Affected By Congenital Diaphragmatic Hernia (CDH)
PD250-SD-WEB4 . . . . . . . . . . . . . . . . . . . . . . Station #4

Performance of Computer-Aided Detection (CAD) of Pulmonary Nodules in Pediatric Ultra-Low-Dose Chest CT
PD221-SD-WEB1 . . . . . . . . . . . . . . . . . . . . . . Station #1

12:45–1:15 PM
Education Exhibits
A Panorama of Panorexes: A Guide for Identifying Important Pathology on Pediatric Panorex
PD185-ED-THA8 . . . . . . . . . . . . . . . . . . . . . . . Station #8

Evaluating the Feasibility of ACR-TIRADS Classification System for Pediatric Thyroid Nodules
PD184-ED-THA7 . . . . . . . . . . . . . . . . . . . . . . . Station #7

12:15–12:45 PM
Scientific Posters
Clinical Value of Gemstone Spectral Imaging for Children after Pectus Excavatum Thoracic Stent Internal Fixation
PD243-SD-THB6 . . . . . . . . . . . . . . . . . . . . . . . Station #6

CT-Based Radiomics Signature: A Potential Non-Invasive Biomarker for Predicting MYCN Amplification in Neuroblastomas in Children
PD241-SD-THB4 . . . . . . . . . . . . . . . . . . . . . . . Station #4

Survival Prediction Model of Children with Hepatoblastoma-Based on PRETEXT System
PD228-SD-THB2 . . . . . . . . . . . . . . . . . . . . . . . Station #2

To Evaluate the Role of 18F-FDG PET/CT versus Conventional Imaging for Initial Staging and Follow-Up of Pediatric Sarcomas
PD227-SD-THB1 . . . . . . . . . . . . . . . . . . . . . . . Station #1

Usefulness of Cardiac T1 and T2 Mapping in Pediatric Patients with Myocarditis: Do We Need Gadolinium?
PD229-SD-THB3 . . . . . . . . . . . . . . . . . . . . . . . Station #3
Utility of Non-Contrast Doppler Sonography in Diagnosing Vesicoureteral Reflux in Children: Report from a Developing Country

**PD242-SD-THB5** .......................... Station #5

**12:45–1:15 PM**

**Education Exhibits**

360 Degrees of Pediatric Biliary Disease: Multimodality Imaging Review

**PD186-ED-THB7** .......................... Station #7

Suprasellar Tumor and Tumor-like Lesions in Children

**PD187-ED-THB8** .......................... Station #8

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**Education Exhibits**

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<td>Basal Ganglia Germinomas: Rare but Important Diagnosis</td>
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<td>Vascular Anomalies Associated with Limb Overgrowth</td>
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<td>Dynamic Contrast-Enhanced Magnetic Resonance Lymphangiography for Atypical Lymphatic Malformations in Pediatric Patients</td>
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<td>A Road Through Myelin: Brain Edema in Neonatal Inborn Error of Metabolism Pathology and Pathophysiology</td>
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<td>Baby Bowel: Optimized Ultrasound Evaluation of Neonatal Bowel Obstruction with Review of Both Congenital and Acquired Causes</td>
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<td>The Collagenopathies in the Cartilage: Type 2 Collagenopathies and Related Disorders</td>
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<td>PD108-ED-X</td>
<td>Imaging, Diagnosis, and Classification of Pulmonary Hypertension in Infants and Children</td>
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PD109-ED-X  Expanding the Role of Head Ultrasound in the NICU: More than Germinal Matrix Hemorrhage

PD110-ED-X  Portal to an Unknown Destination: Imaging of Congenital Hepatic Vascular Shunts

PD111-ED-X  Dual-Energy CT for the Pediatric Radiologist: Tools to Incorporate into Daily Practice

PD112-ED-X  Central Nervous System Manifestations of Hereditary Hemorrhagic Telangiectasia in Children

PD113-ED-X  Oncogenesis, Diagnosis, and Management of Pediatric Soft Tissue Sarcomas

PD114-ED-X  Not Just ‘Hemangiomas’! Diagnostic Approach to Pediatric Vascular Anomalies

PD115-ED-X  Cinematic Rendering of Pediatric Thoracic Vascular Anomalies

PD116-ED-X  When Cookie-Cutter Does Not Cut It: Spectrum of Pathology, Unique Challenges, Pitfalls, and Optimization Strategies for MR of the Very Young Skeleton

PD117-ED-X  Unusual Tumors of the Interventricular Foramen in Children

PD118-ED-X  Pictorial Peekaboo! MRI of Need-to-Know Fetal Masses and Mass-like Conditions with Their Ultrasound Correlates

PD119-ED-X  Imaging of Congenital and Developmental Vertebral Anomalies

PD120-ED-X  CT Imaging of Fetal Skeletal Anomalies at Minimized Radiation Exposure: Clinical Significance, Indications, and Scan Protocol

PD121-ED-X  Recurrent Pneumonia in Children: Who is Hiding Behind the White Curtains? A Comprehensive Approach and Review of the Experience in Our Institution

PD122-ED-X  Abdominal Imaging in Children with Fontan Circulation

PD123-ED-X  The Congenital Abnormalities of the Posterior Fossa: A Pediatric Radiologist’s Reckoning

PD124-ED-X  A Scope on the Pediatric Eye: A Review of Vascular and Neoplastic Orbital Pathologies

PD125-ED-X  Classification of Vascular Anomalies: What’s New?

PD126-ED-X  Tips and Tricks in Perinatal Stroke

PD127-ED-X  Comprehensive Review of Pre-Operative and Post-Operative Imaging in Pediatric Patients with Craniosynostosis

PD128-ED-X  Pictorial Review of Biliary Disorders in Infants and Children

PD129-ED-X  Point-of-Care Lung Ultrasonography in the Neonatal Intensive Care Unit: A Promising and Controversial Tool

PD130-ED-X  Congenital Pulmonary Artery Anomalies: Multimodality Imaging Review

PD131-ED-X  Ewing Sarcoma and Osteosarcoma in Children: Advanced Multiparametric MRI

PD132-ED-X  Congenital Fetal Thoracic Conditions with Post-Natal Correlation

PD133-ED-X  Ultrasound Elastography in Children: How We Do it and What is it Helpful For?

PD134-ED-X  Oncologic Treatment Complications in Pediatric Population

PD135-ED-X  3D EOS: A New Way to Image Pediatric Scoliosis

PD136-ED-X  Pediatric Breast Ultrasound: What’s That About?

PD137-ED-X  Main Uncommon Neoplasms of the Central Nervous System (CNS) in the Pediatric Population: Review of 7774 Cases

PD138-ED-X  Lumps and Bumps in Children: A Multimodality Approach

PD139-ED-X  A Systematic Approach to Pediatric Neuroimaging in Critical Care: What to Look For, When to Survey, and Why You Should Care

PD140-ED-X  Recent Updates to the PRETEXT (PRE-Treatment EXTent of Tumor) System for Hepatoblastoma in Children: An Atlas for Radiologists

PD141-ED-X  Imaging of the Pediatric Ocular Globe: Navigating the Murky Humors
PD142-ED-X  Myriad of Radiological Manifestations in Pediatric Tuberculosis: A Galaxy of Out-of-Box Presentations and Masqueraders

PD143-ED-X  Sonographic Assessment of Cranial Sutures: A Safe Screening Tool to Rule Out Craniosynostosis in Children

PD144-ED-X  Decision Making Flowchart for Pediatric Head Trauma and Birth Related Head Injuries: Ultrasonography or Computed Tomography?

PD145-ED-X  Breaking the Tie: Is That Cord Tethered?

PD146-ED-X  Mullerian Duct Anomalies: MRI Imaging in Pediatrics

PD147-ED-X  Approach to the Diagnosis of Sellar and Juxtasellar Conditions in Pediatric Population

PD148-ED-X  Contrast-Enhanced Ultrasound (CEUS) in the Diagnosis and Management of Pediatric and Adolescent Disease

PD149-ED-X  Neuronal and Mixed Neuronal-Glial Tumors in Children: DNTs and Beyond

PD150-ED-X  Diffuse and Interstitial Childhood Lung Diseases: Classification and Cases Review

PD151-ED-X  Keep Calm and Take a Deep Breath: A Pictorial Essay of the Main Findings in Lung Congenital Malformations

PD153-ED-X  Use of Ultrasound as an Alternative in the Control, Monitoring, and Therapeutic Behavior of Obstetric Brachial Plexus Palsy: Is it Possible to Dispense and Replace the Computed Tomography Study?

PD154-ED-X  ADC as a Predictive Factor in the Response to Treatment of Pediatric Patients with Radiological Diagnosis of Brainstem Glioma

PD155-ED-X  HELP ME! Head, Extremities, Length, Pelvis, Mineralization, and Extra Clinical Information: A Working Algorithm for Radiologic Diagnosis of Skeletal Dysplasias and Syndromes

PD156-ED-X  Congenital Lower Limb Abnormalities: A Case-based Review

PD157-ED-X  Update on Pediatric Demyelinating Disorders

PD158-ED-X  Pediatric Focal Nodular Hyperplasia: Imaging Features and Diagnostic Difficulties

PD159-ED-X  Pediatric Abdominal Lymphoma: Imaging Features of Common and Uncommon Primary Sites

PD160-ED-X  Challenges and New Perspectives in Pediatric Cardiomyopathies Characterization by Cardiac Magnetic Resonance: What to Know and What to Look For

PD161-ED-X  Head Lumps in Children

PD162-ED-X  Intussusception in Children: Impact of Sonography in the Therapeutic Management

PD163-ED-X  Diagnostic Value of MRI Radiomics in Detection of Microstructural Changes in Pituitary of Children with Growth Hormone Deficiency

PD164-ED-X  Ultrasound Imaging Parameters: What the Pediatric Radiologist Needs to Know

PD165-ED-X  Disaster Strikes When You Least Expect It: Late Complication in Pediatric Diseases

PD166-ED-X  State-of-the-Art Imaging of Pelvic Pain in the Pediatric Female

PD188-ED-X  Contrast-Enhanced Ultrasound (CEUS) in Pediatric Patients: Overview of Bowel Applications
GREAT RESEARCH NEEDS A GREAT AUDIENCE.

Be a Presenter at RSNA 2020!

We’re looking for radiology thought leaders to provide:

Scientific Presentations / Applied Science Education Exhibits / Quality Improvement Reports

EARN RECOGNITION

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The top scientific paper as selected by the Scientific Program Committee will earn this prestigious award.

**The RSNA Trainee Research Prize: $1,000**

Up to 48 medical students, residents or fellows who submit expanded abstracts of their 2020 RSNA scientific presentation may receive a $1,000 prize and certificate.

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Submit Online

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