

# 2018 61<sup>st</sup> SPR Annual Meeting and Postgraduate Course

***\*This document only contains a listing of the scientific sessions.\****

**WEDNESDAY, MAY 16, 2018**

**4:15 PM**

**5:45 PM**

## **Scientific Session I-A: Gastrointestinal Radiology**

*Jonathan R. Dillman, MD, MSc and Mary-Louise Greer, MBBS, Moderators*

P001	4:45	4:55	Rees, Mitchell	Inter-radiologist Agreement Using Society of Abdominal Radiology-Society for Pediatric Radiology-American Gastroenterological Association Consensus Nomenclature for Reporting CT and MR Enterography in Pediatric Small Bowel Crohn Disease
P002	4:55	5:05	Karpewycz, John	Accuracy of Magnetic Resonance Enterography in the Assessment of Pediatric Inflammatory Bowel Disease of the Colon in Patients Undergoing Colectomy
P003	5:05	5:15	Gottumukkala, Ravi	Comparison of Three Oral Contrast Preparations for Magnetic Resonance Enterography in Pediatric Crohn's Disease Patients: A Randomized Trial
P004	5:15	5:25	Dillman, Jonathan	Breeza vs. VoLumen for Pediatric CT and MR Enterography: a Prospective, Randomized, Blinded Patient Acceptability Study
P005	5:25	5:35	Choi, Jungwhan	Use of Small Bowel Ultrasound to Predict Response to Infliximab Induction
P006	5:35	5:45	Gokli, Ami	Contrast Enhanced Ultrasound of the Bowel in Children with Suspected Inflammatory Bowel Disease (IBD).

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## **Scientific Session I-B: Musculoskeletal Imaging**

*Lauren W. Averill, MD and Sarah D. Bixby, MD, Moderators*

P007	4:45	4:55	Panwar, Jyoti	Inter-reader Reliability Study of a New MRI Scoring System for TMJ Evaluation in JIA with the Use of Measurement Aids: Special Interest Group from the MRI in JIA in OMERACT
P008	4:55	5:05	Ditzler, Matthew	Modified Friedman Technique: A New Proposed Method of Measuring Glenoid Version in the Setting of Glenohumeral Dysplasia
P009	5:05	5:15	Milks, Kathryn	Advancements in Pediatric Wrist and Thumb Imaging: Sonography in Normal Infants
P010	5:15	5:25	Nicholas, Jennifer	Lulun II: Ultrasound Evaluation of Bone Age in Rural Ecuadorian Children
P011	5:25	5:35	Sánchez, Mariana	Digital X-ray Metacarpal Radiogrammetry and Dual X-ray Absorptiometry in Mexican Children and Adolescents.
P012	5:35	5:45	Amarneh, Mohammad	Fibro-Adipose Vascular Anomaly (FAVA): A review of imaging features.

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## **Scientific Session I-C: Interventional Radiology**

*John M. Racadio, MD and Leah E. Braswell, MD*

P013	4:45	4:55	Robinson, Amie	The Utility of Percutaneous Image Guided Tumor Ablation in the Treatment of Solid and Vascular Tumors in the Pediatric Population
P014	4:55	5:05	Roebuck, Derek	Cryoablation of benign soft tissue lesions in children: initial experience
P015	5:05	5:15	Srinivasan, Abhay	A combined retrospective and prospective single-institution review of image-guided needle biopsy of relapsed or refractory neuroblastoma with a focus on the use of pre-biopsy MIBG imaging to predict tumor characteristics
P016	5:15	5:25	Srinivasan, Abhay	Comparison of MR guided joint injection with a fluoroscopic approach for pediatric MR arthrography
P017	5:25	5:35	Acord, Michael	Surveillance Cerebral Angiography in Children with Arteriovenous Malformations: How many vessels should be interrogated?
P018	5:35	5:45	Bhavane, Rohan	A novel approach to deep tissue intra-operative imaging using indocyanine green fluorescence

# THURSDAY, MAY 17, 2018

## 8:30 AM 10:10 AM Scientific Session II-A: Neuroradiology

*Maura E. Ryan, MD, Moderator*

8:30-8:50 a.m.

### Keynote Presentation

Amy Whigham, MD

P019	8:50	9:00	Altinok, Deniz	Analysis of diffusion restriction in the corpus callosum in children with abusive head trauma
P020	9:00	9:10	Mata-Mbemba, Daddy	Pediatric pituitary adenoma: imaging features and clinical outcome.
P021	9:10	9:20	Sabin, Noah	Potential Imaging and Neurosurgical Correlates of Molecular Subgroups of Posterior Fossa Ependymoma in Children
P022	9:20	9:30	Harreld, Julie	Analyzing Misdiagnosed Metastasis on Imaging Studies
P023	9:30	9:40	Alves Rosa, Joao	Normal head and neck lymph nodes in the healthy paediatric population
P024	9:40	9:50	Eid, Hadeel	Magnetic resonance (MR) assessment of optic nerve thickness and tortuosity for recognition of optic glioma in children with NF1
P025	9:50	10:00	Hsu, Ariel	The Unwound Cochlea: a Specific Marker of Branchio-oto-renal Syndrome
P026	10:00	10:10	Whitehead, Matthew	Pseudo-color Perceptual Enhancement for Detection of Cochlear Signal Alterations in Pediatric Patients with Sensorineural Hearing Loss

## 8:30 AM 10:10 AM Scientific Session II-B: Musculoskeletal Imaging

*Jeannette M. Perez-Rossello, MD and Aparna Joshi, MD, Moderators*

8:30-8:50 a.m.

### Keynote Presentation - Child Abuse Pediatrics and the Radiologist: A Vital Relationship

Deborah Lowen, MD

P027	8:50	9:00	Pomeranz, Christy	Accuracy of Skeletal Survey in Evaluation of Rib Fractures Compared to CT in the Setting of Accidental and Non Accidental Trauma.
P028	9:00	9:10	Tsai, Andy	How Often is Subperiosteal New Bone Formation Noted with the Distal Tibial Classic Metaphyseal Lesion?
P029	9:10	9:20	Kriss, Spencer	Radiographic characteristics that delineate abusive from accidental skull fractures, including the significance of fracture extension to sutures.
P030	9:20	9:30	Starosolski, Zbigniew	Gaussian noise simulating reduced X-ray dose does not affect sensitivity of a Neural Network trained to detect tibial fractures in X-ray images
P031	9:30	9:40	Starosolski, Zbigniew	Toddler tibial fractures computer-aided diagnosis by convolutional neural network and transfer learning
P032	9:40	9:50	Alsharief, Alaa	Can combined diffusion-weighted imaging/conventional MRI replace post gadolinium-based contrast-enhanced MRI in the assessment of pediatric osseous sarcomas?
P033	9:50	10:00	Ecklund, Kirsten	Bone Marrow MR and MRS Evidence of Adrenal and Gonadal Hormone Replacement Therapy Efficacy in girls with Anorexia Nervosa
P034	10:00	10:10	Eutsler, Eric	Metal artifact reduction in pediatric dual energy CT using monoenergetic extrapolation

## 8:30 AM 10:10 AM Scientific Session II-C: Thoracic Imaging

*David M. Biko, MD and Beverly Newman, MD, Moderators*

8:30-8:50 a.m.

### Keynote Presentation - Childhood Interstitial Lung Disease

Lisa Young, MD

P035	8:50	9:00	Ma, Grace	Comparison of Prenatal Ultrasound, Prenatal MRI, and Postnatal CTA for Evaluation of Congenital Lung Malformations: Can Postnatal CTA Provide Additional Information?
P036	9:00	9:10	Biko, David	Magnetic Resonance Imaging of Central Lymphatics in Noonan's Syndrome
P037	9:10	9:20	Handly, Brian	Initial Clinical Evaluation of Stationary Digital Chest Tomosynthesis in Patients with Cystic Fibrosis
P038	9:20	9:30	Fenlon, Edward	Trending Use and Results of Computed Tomographic Angiography for Diagnosing Pulmonary Embolism in the Pediatric Emergency Department: A 13-Year Retrospective Study.
P039	9:30	9:40	Krishnamurthy, Rajesh	Target mode prospective EKG gated volumetric CT reduces the need for sedation for chest CT in young children
P040	9:40	9:50	Averill, Lauren	Tracheal Narrowing in Children and Young Adults with Mucopolysaccharidosis IVA: Evaluation with CT Angiography
P041	9:50	10:00	May, Lauren	A Novel Approach Using Volumetric Dynamic Airway CT to Determine Optimal Positive End Expiratory Pressure (PEEP) Settings in Neonates Requiring Long-Term Ventilator Support
P042	10:00	10:10	Rozovsky, Katya	Imaging patterns in pediatric pulmonary blastomycosis

**1:30 PM****3:30 PM****Scientific Session III-A: Genitourinary Radiology***Monica Epelman, MD, Moderator*

1:30-1:50 p.m.

**Keynote Presentation**

Stacy Tanaka, MD

P043	1:50	2:00	Stanescu, A. Luana	Gadolinium bone tissue retention in pediatric patients after contrast-enhanced MR exams: pathologic confirmation.
P044	2:00	2:10	Tao, Ting	Safety and efficacy of gadoterate meglumine in children <2 years of age
P045	2:10	2:20	Zucker, Evan	Free-Breathing Ferumoxytol-Enhanced MRI for Preoperative Renal Transplant Vascular Mapping in Infants and Children
P046	2:20	2:30	Kurugol, Sila	Feed and Wrap MRU
P047	2:30	2:40	Otero, Hansel	Morphologic and Functional Evaluation of Duplicated Renal Collecting Systems with MR Urography: A Descriptive Analysis
P048	2:40	2:50	Acharya, Patricia	Evaluation of the Urinary Tract Dilation Classification System for postnatal hydronephrosis in the prediction of clinical outcomes
P049	2:50	3:00	Back, Susan	Preliminary experience with Contrast Enhanced Ultrasound (CEUS) of the Pediatric Kidney
P050	3:00	3:10	Chow, Jeanne	Contrast enhanced ultrasound for the evaluation of complex anorectal and genitourinary anomalies
P051	3:10	3:20	Pai, Vinay	Infant Female Urethral Catheterization: A New Simulator from Special Effects
P052	3:20	3:30	Dao, Kimberly	Pediatric Ovarian Volumes Measured at Ultrasound After Contralateral Unilateral Oophorectomy

**1:30 PM****3:30 PM****Scientific Session III-B: Fetal/Neonatal Imaging***Brandon P. Brown, MD and Erika Rubesova, MD, Moderators*

1:30-1:50 p.m.

**Keynote Presentation**

Jill Kilkelly, MD

P053	1:50	2:00	Dong, Su-Zhen	Feasibility of fetal MRI in the evaluation of fetal cardiovascular anomalies.
P054	2:00	2:10	Dong, Su-Zhen	Fetal cardiac MRI in the evaluation of congenital aortic arch anomalies
P055	2:10	2:20	Oliver, Edward	Two's Company – Multiple Thoracic Anomalies on Prenatal Ultrasound and MRI
P056	2:20	2:30	Wise, Rachel	A Multifactorial Severity Score for Congenital Diaphragmatic Hernia (CDH) using Fetal MRI
P057	2:30	2:40	Smitthimedhin, Anilawan	Normal size of the fetal adrenal gland on prenatal MR Imaging
P058	2:40	2:50	Didier, Ryne	Novel Computerized Analytic Technique for Quantification of Amniotic Fluid Volume in Fetal MRI
P059	2:50	3:00	Norris, Carrie	Using Quantitative MRI to Identify Abnormal Perfusion in Invasive Placental Disease
P060	3:00	3:10	Tsai, Andy	Congenital Skeletal Anomalies with Lower Limb-Length Discrepancy: Does Constant Inhibition Occur In Utero?
P061	3:10	3:20	Victoria, Teresa	ULTRA LOW DOSE FETAL CT: HOW TO FURTHER DECREASE RADIATION DOSE WHILE MAINTAINING DIAGNOSTIC ACCURACY
P062	3:20	3:30	Deaver, Pamela	Perinatal imaging autopsy: Value and comparison with conventional autopsy

**1:30 PM****3:30 PM****Scientific Session III-C: Informatics, QI, Education & Healthcare Policy***Richard E. Heller, III, MD, MBA and Ramesh S. Iyer, MD, Moderators*

1:30-1:50 p.m.

**Keynote Presentation**

David Larson, MD

P063	1:50	2:00	Snyder, Elizabeth	Gaging Potential Risk to Patients in Pediatric Radiology by Review of Over 2,000 Incident Reports
P064	2:00	2:10	Hingsbergen, Elizabeth	Identifying the primary cause of safety events and complaints in the routine operations of a pediatric radiology department
P065	2:10	2:20	Porterfield, Ronna	Analysis of Quick Hits at a Daily Readiness Huddle at a Large Free-Standing Children's Hospital
P066	2:20	2:30	Iyer, Ramesh	Survey of Peer Review Programs Amongst Pediatric Radiologists: Report from the SPR Quality and Safety Committee
P067	2:30	2:40	Gates, Erica	Potential Risk of Hypothyroidism in Infants Receiving Iodinated Contrast: Are Pediatric Radiology Practitioners Aware of the Food and Drug Administration (FDA) Drug Safety Communication?
P068	2:40	2:50	Frush, Daniel	Utilization of computed tomography imaging in the pediatric emergency department
P069	2:50	3:00	Hagedom, Kelly	Cost comparison of ultrasound versus MRI for adolescent female patients with suspected appendicitis using time-driven activity-based costing
P070	3:00	3:10	Aquino, Michael	Survey of after-hours radiology coverage in children's hospitals.
P071	3:10	3:20	Ayyala, Rama	Evaluation of Stressors that Contribute to Burnout Amongst Pediatric Radiologists: A Survey of the Society for Pediatric Radiology
P072	3:20	3:30	Pfeifer, Cory	Assessing the Pediatric Radiology Job Market: Winter is Coming for Employers

**4:00 PM****5:30 PM****Scientific Session IV-A: Gastrointestinal Radiology***Govind B. Chavhan, MD, DABR and Hansel J. Otero, MD, Moderators*

4:00-4:20 p.m.

**Keynote Presentation***Dedrick Moulton, MD*

P073	4:20	4:30	Dillman, Jonathan	Diagnostic Performance of Magnetic Resonance Cholangiopancreatography (MRCP) versus Endoscopic Retrograde Cholangiopancreatography (ERCP) in the Pediatric Population: A Clinical Effectiveness Study
P074	4:30	4:40	Trout, Andrew	Normal Pancreatic Secretion in Children Measured by MRI with Secretin
P075	4:40	4:50	Dillman, Jonathan	Diagnostic performance of quantitative MRI parameters for predicting radiologic portal hypertension in autoimmune liver diseases
P076	4:50	5:00	Stefek, Heather	Relationship between 2D phase contrast MRI Rex shunt blood flow, Rex shunt diameter, and clinical indicators of portal hypertension
P077	5:00	5:10	Romberg, Erin	Validation of LI-RADS in Evaluation of Pediatric Liver Masses
P078	5:10	5:20	Lipsich, Jose	Congenital portosystemic shunts (CPSS): clinical outcome after treatment. Experience in a tertiary hospital in Argentina
P079	5:20	5:30	Back, Susan	Preliminary experience with Contrast Enhanced Ultrasound (CEUS) of the Pediatric Liver

**4:00 PM****5:30 PM****Scientific Session IV-B: Cardiovascular Imaging***Randolph K. Otto, MD and Prakash M. Masand, MD, Moderators*

4:00-4:20 p.m.

**Keynote Presentation***Jason Christensen, MD*

P080	4:20	4:30	Malone, LaDonna	Coronary artery assessment in pediatric patients using ultrafast ECG gated CT: Is this a viable alternative to prospectively gated technique?
P081	4:30	4:40	Barrera, Christian	Depiction of the Native Coronary Arteries during ECG-triggered high-pitch spiral Dual-Source Cardiac CTA in Children: Determinants of Image Quality
P082	4:40	4:50	Masand, Prakash	Myocardial bridging in a cohort of pediatric patients with anomalous aortic origin of coronary artery (AAOCA): "Double whammy"!
P083	4:50	5:00	Ortiz-Neira, Clara L	Coronary artery imaging in Kawasaki disease with Computed Tomography Angiography and Echocardiography, a comparative analysis
P084	5:00	5:10	Markush, Dor	Delayed Myocardial Enhancement in Children: Comparison of Conventional Technique to a Free Breathing Single-Shot Technique in Duchenne Muscular Dystrophy
P085	5:10	5:20	Biko, David	Association of T2 Lymphatic Imaging in Single Ventricle Patients After Superior Cavopulmonary Connection with Acute Post-Fontan Outcomes
P086	5:20	5:30	Davis, Joseph	Aortic Disease in Patients with Mucopolysaccharidosis

**4:00 PM****5:30 PM****Scientific Session IV-C: ALARA***Steven Don, MD and Robert MacDougall, MSc, Moderators*

4:00-4:20 p.m.

**Keynote Presentation - The ALARA Concept: Image Gently and Beyond***Marta Hernanz-Schulman, MD, FACR*

P087	4:20	4:30	Sharma, Priya	Assessing Pediatric Fluoroscopy Radiation Dose Awareness amongst Clinicians
P088	4:30	4:40	Kaplan, Summer	Reduced-Dose Radiography Protocol for Focused Assessment of Feeding Tube Position
P089	4:40	4:50	Don, Steven	Stochastic Noise Tolerance in Pediatric Appendicitis CT
P090	4:50	5:00	Southard, Richard	Knowledge-Based Iterative Reconstruction versus Filtered-Back Reconstruction Head CT in Children Referred from the Emergency Department: Dose Reduction, Image Quality, and Image Reconstruction Time
P091	5:00	5:10	Ngo, Jennifer	Development and Testing of an Innovative Simulation Paradigm for Subtle Liver Lesion Detection in Pediatric CT.
P092	5:10	5:20	Ngo, Jennifer	An Innovative Simulation Paradigm for Evaluation of Subtle Liver lesions in Pediatric CT: Performance and Confidence
P093	5:20	5:30	MacDougall, Robert	Development of a tool to aid the radiologic technologist using augmented reality and computer vision

# FRIDAY, MAY 18, 2018

8:30 AM

10:10 AM

## Scientific Session V-A: Gastrointestinal Radiology

Michael S. Gee, MD, PhD and Gary R. Schooler, MD, Moderators

8:30-8:50 a.m.

### Keynote Presentation

Lea Matsuoka, MD

P094	8:50	9:00	Dillman, Jonathan	Multiparametric Liver MRI in Children and Young Adults with Autoimmune Liver Disease: Correlation between Quantitative Imaging Methods
P095	9:00	9:10	Trout, Andrew	Predictive Performance of MR Elastography in Children and Young Adults with Suspected Liver Disease
P096	9:10	9:20	Davis, James	Assessment of pediatric liver allografts with shear wave elastography
P097	9:20	9:30	Goette, Matthew	Shear Wave Elastography Ultrasound for Hepatic Venous-occlusive Disease in a Pediatric Population undergoing Hematopoietic Stem Cell Transplantation
P098	9:30	9:40	Diaz, Eric	Can MRI Liver Stiffness Predict be used to Predict Focal Liver Lesions in Fontan Patients?
P099	9:40	9:50	Thompson, Benjamin	Magnetic resonance elastography of the liver in children: variations in regional stiffness
P100	9:50	10:00	Robinson, Amie	Methotrexate Therapy Increases Hepatic Stiffness in Patients with Inflammatory Bowel Disease
P101	10:00	10:10	Hunte, David	Abdominal Fat Distribution and its Relationship with Liver and Pancreatic Fat Fraction, Liver Stiffness and Diabetic Status

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10:10 AM

## Scientific Session V-B: Fetal/Neonatal Imaging

Beth M. Kline-Fath, MD and Marianna Meyers, MD, Moderators

8:30-8:50 a.m.

### Keynote Presentation

John Pietsch, MD

P102	8:50	9:00	Didier, Ryne	Contrast-Enhanced Brain Ultrasound on Extreme Premature Twin Fetal Lambs Maintained by the EXTra-uterine Environment for Neonatal Support (EXTEND): A Promising Imaging Technique
P103	9:00	9:10	Bulas, Dorothy	Fetal and Postnatal Brain Imaging for the Detection of ZIKV Encephalopathy in the Fetus/Newborn
P104	9:10	9:20	Snyder, Elizabeth	Fetal MRI Findings in Diencephalosynapsis
P105	9:20	9:30	Guimaraes, Carolina	Posterior Fossa Findings in Prenatal Diagnosis of Dystroglycanopathy – Extending Beyond Brainstem Kinking
P106	9:30	9:40	Zare, Megan	Establishment of normative values for the fetal posterior fossa by MRI.
P107	9:40	9:50	Rubio, Eva	Predictive Value of Prenatal Alveolar Cleft Size in Determining the Likelihood of Secondary Palatal Defects
P108	9:50	10:00	Guimaraes, Carolina	The Use of Echo Planar Imaging in the Identification of the Upper Spinal Bony Defect Level During Prenatal Evaluation of Open Neural Tube Defect - A Pilot Study
P109	10:00	10:10	Nagaraj, Usha	Decreased Rectal Meconium Signal on MRI in Fetuses with Open Spinal Dysraphism

8:30 AM

10:10 AM

## Scientific Session V-C: Neuroradiology

Hisham Dahmouh, MD and Susan Palasis, MD Moderators

8:30-8:50 a.m.

### Keynote Presentation

Richard Heller III, MD

P110	8:50	9:00	Bhargava, Ravi	Globus pallidus and Dentate nuclei signal on T1-weighted MRI does not change after multiple exposures to Gadobutrol in pediatric patients
P111	9:00	9:10	Kwong, Yin Yee	Commonly Encountered Intracranial Calcifications: Prevalence In Pediatric And Young Adult Patients.
P112	9:10	9:20	Retrouvey, Michele	Sonographic Fronto-Occipital Ratio (FOR) in Evaluation of Hydrocephalus
P113	9:20	9:30	Ndolo, Josephine	Ferumoxytol whole body vascular imaging including the central nervous system in pediatric patients: a single center's initial experience
P114	9:30	9:40	Chukus, Anjeza	Arterial Spin Labeling and Ferumoxytol-based Spoiled Gradient Recalled Acquisition Magnetic Resonance Imaging Versus Digital Subtraction Angiography for Surveillance of Residual Brain Arteriovenous Malformations in Children: A Single-Institution Analysis of Inter-Modality Reliability
P115	9:40	9:50	Starosolski, Zbigniew	Gender-dependent cerebrovascular alterations in Moyamoya mice model correlate with the prevalence in pediatric population
P116	9:50	10:00	Hu, Houchun	Motion Insensitive 3D T1-Weighted Post-Contrast Brain MRI Using a Golden Angle Radial Acquisition

**1:30 PM****3:20 PM****Scientific Session VI-A: Musculoskeletal Imaging***Arthur B. Meyers, MD and Delma Y. Jarrett, MD, Moderators*

1:30-1:50 p.m.

**Keynote Presentation***Jeffrey Martus, MD*

P118	1:50	2:00	Artunduaga, Maddy	MR correlation of spica hip arthrographic sliver sign during closed reduction of developmental hip dysplasia of the hip
P119	2:00	2:10	Artunduaga, Maddy	Correlation of arthrographic inverted limbus sign and spica MRI in developmental dysplasia of the hip
P120	2:10	2:20	Bedoya, Maria	Diffusion-Tensor Imaging of the femoral physes: Can we predict future growth?
P121	2:20	2:30	Delgado, Jorge	Diffusion Tensor Imaging for the Evaluation of Physeal Microstructural Changes in Children Treated with High Dose Cis-Retinoic Acid (Cis-RA) for High Risk Neuroblastoma
P122	2:30	2:40	Rapp, Jordan	Morel-Lavellée lesions: MRI characteristics in the pediatric patient
P123	2:40	2:50	Tsai, Andy	Children with Unilateral Fibular Hemimelia Have Normal Lower Extremity Growth Trajectory and Skeletal Maturation
P124	2:50	3:00	Thompson, Benjamin	MRI of stress fractures: Relationship between Fredericson classification and time to recovery in children.
P125	3:00	3:10	Ditzler, Matthew	Pediatric Posterior Ankle Impingement: An Underdiagnosed Cause of Posterior Ankle Pain
P126	3:10	3:20	Ditzler, Matthew	MRI Findings of Pediatric Posterior Ankle Impingement and Associated Entities

**1:30 PM****3:20 PM****Scientific Session VI-B: Oncology/Nuclear Medicine***Geetika Khanna, MD, MS and Andrew T. Trout, MD, Moderators*

1:30-1:50 p.m.

**Keynote Presentation***Scott Borinstein, MD*

P127	1:50	2:00	Cain, Timothy	Introduction of a clinical MR PET service into a dedicated children's hospital; lessons learned from the first 550 patients
P128	2:00	2:10	Kaste, Sue	The role of routine imaging in childhood melanoma (MM)
P129	2:10	2:20	Ranginwala, Saad	MR Imaging Features of Subtypes of Hepatocellular Adenomas in Children
P130	2:20	2:30	Kaste, Sue	Long-term Outcomes of Large Femoral Head Osteonecrotic (ON) Lesions in Pediatric Patients Treated for Leukemia or Lymphoma
P131	2:30	2:40	Ghaghada, Ketan	High-Resolution In Vivo Imaging of Tumor Angiogenesis in Orthotopic Xenograft and Transgenic Mouse Models of Neuroblastoma
P132	2:40	2:50	Lim-Dunham, Jennifer	Malignancy risk stratification of pediatric thyroid nodules using ACR Thyroid Imaging, Reporting and Data System (ACR TI-RADS)
P133	2:50	3:00	Low, Samantha	Streamlining primary care referrals for ultrasound assessment of paediatric cervical nodes in a NHS (UK) District General Hospital: Preliminary results from an ongoing study
P134	3:00	3:10	Shah, Summit	Hepatobiliary scintigraphy vs. ultrasound for assessment of gallbladder ejection fraction in pediatric patients with suspected biliary dyskinesia
P135	3:10	3:20	Sharp, Susan	Solid gastric emptying: does the 4 hour examination add value in children?

**1:30 PM****3:20 PM****Scientific Session VI-C: Informatics, QI, Education & Healthcare Policy***Paula N. Dickson, MD and Janet R. Reid, MD, FRCPC, Moderators*

1:30-1:50 p.m.

**Keynote Presentation***Melissa Hilmes, MD*

P136	1:50	2:00	Reid, Janet	Building a Comprehensive Learning Management System for Pediatric Radiology: How We Got There
P137	2:00	2:10	Shaikh, Raja	Simulation in Pediatric Interventional Radiology Environment: What lessons are we learning?
P138	2:10	2:20	D'Alessandro, Michael	Is Social Media a Growing or Declining Educational Method in Pediatric Radiology?
P139	2:20	2:30	Kaplan, Summer	Feasibility and Impact of Intensive Hands-On Sonography Training for Pediatric Radiology Fellows
P140	2:30	2:40	Hailu, Tigist	Body MRI Training During Pediatric Radiology Fellowship: Defining the Needs
P141	2:40	2:50	Miller, Elise	Radiology Resident Preparedness in Counseling Patients for MRI During Pregnancy
P142	2:50	3:00	Heller, Richard	Pediatric Radiology Support and Education for Radiologists in a Large, Multicentric Group Practice
P143	3:00	3:10	FrancaVilla, Michael	The Pediatric Normal Studies Database: First Years' Experience and Utilization Patterns
P144	3:10	3:20	Buskirk, Tricia	Reducing the sedation rates in MRI for pediatric patients utilizing an MRI simulator preparation session facilitated by a child life specialist.

1:30 PM

3:20 PM

**Technologist Scientific Session***Stephen F. Simoneaux, MD, Moderator*

P001 (T)	1:30	1:40	Morales, Gabriel	Evaluation of Meso-Rex Bypass with Ferumoxytol Contrast Enhanced MRI
P002 (T)	1:40	1:50	Brondell, Ashley	Implementation of a Pediatric MRI Lymphangiography Programs
P003 (T)	1:50	2:00	Stenger, Kristina	Conjoined Twins: A Life Together - A Case Report on Prenatal and Postnatal Imaging of Parapagus Dicephalus Twins
P004 (T)	2:00	2:10	Curran, David	Paediatric lower limb lymphoscintigraphy: A retrospective review of practice and dose optimisation
P005 (T)	2:10	2:20	Patel, Falguni	Role of Ultrasound with Atypical Spitz tumor
P006 (T)	2:20	2:30	Thorkelson, Marrit	Advanced MRI Scan Techniques and 3D Post-Processing in Pediatric Patients
P007 (T)	2:30	2:40	Augustyn, Robyn	CT Iterative Reconstruction Increases Efficiency of 3D Image Post-Processing
P008 (T)	2:40	2:50	Pazienza, Rocco	The Diagnosis of Accidental and Non-Accidental Trauma Through Medical Imaging
P009 (T)	2:50	3:00	Hidalgo, Khristina	MRI Safety Screening Clearance Process
P010 (T)	3:00	3:10	Goehner, Melissa	Generational Differences in the Workplace
	3:10	3:20		Open Discussion

3:50 PM

5:20 PM

**Scientific Session VII-A: Gastrointestinal Radiology***David A. Bloom, MD, FACR and Summer Kaplan, MD, Moderators*

3:50-4:10 p.m.

**Keynote Presentation - Pediatric Surgery and Radiology: How a Critical Partnership Developed and its Future Goals***James A. O'Neill, MD*

P145	4:10	4:20	Pomeranz, Christy	Intraabdominal soft tissue injuries on computed tomography (CT) in accidental versus non accidental trauma
P146	4:20	4:30	Blumfield, Einat	Perforated appendicitis vs Non-perforated Appendicitis: A Validation Study of a Score System Based on Sonographic, Clinical and Laboratory Findings
P147	4:30	4:40	Naz, Fozia	Rapid non-contrast MR protocol for evaluation of abdominal and pelvic abscesses in children
P148	4:40	4:50	Royall, Ivey	Does Prolongation of Time Between Intussusception Diagnosis and Therapeutic Enema Result In Increased Patient Morbidity: a Retrospective Review
P149	4:50	5:00	Goldman-Yassen, Adam	Non-emergent outpatient pediatric UGI series: can clinical parameters improve diagnostic yield?
P150	5:00	5:10	Wong, Kevin	Does prior CT or MRI obviate the need for Upper GI examination to rule out malrotation?
P151	5:10	5:20	Wong, Kevin	Making the Diagnosis of Mid Gut Volvulus: Limited Abdominal Ultrasound has Changed our Clinical Practice

3:50 PM

5:20 PM

**Scientific Session VII-B: Cardiovascular Imaging/Gastrointestinal Radiology***Cynthia K. Rigsby, MD, FACR and Mark R. Ferguson, MD, Moderators*

3:50-4:10 p.m.

**Keynote Presentation***Eric Hoggard, MD*

P152	4:10	4:20	Pednekar, Amol	Clinical Evaluation of Free Breathing CARDioREspiratory Synchronized (CARESync) Balanced Steady-State Free Precession (bSSFP) Cine Imaging in Pediatric Population
P153	4:20	4:30	Pednekar, Amol	Numerical Simulations of Geometric Markers for Left Ventricular Hypertrabeculation: Fractal Dimension and Isoperimetric Ratio
P154	4:30	4:40	Pednekar, Amol	Automatic Quantification of Left Ventricular Non-compaction using Fractal Analysis and Perimetric Ratio
P155	4:40	4:50	Li, Arleen	Comparison of MR Tissue Phase Mapping and MR Feature Tracking in Children with Hypertrophic Cardiomyopathy
P156	4:50	5:00	Krishnamurthy, Ramkumar	Quantitative Regional Fibrosis Burden in Duchenne Muscular Dystrophy Patients by Cardiac Magnetic Resonance Imaging
P157	5:00	5:10	Jones, Richard	Demonstration of linear correlation between R2* and liver iron concentration across multiple MR acquisition parameters at 1.5T and 3T.
P158	5:10	5:20	Tipirneni-Sajja, Aaryani	Automated Vessel Exclusion on Free-Breathing Ultrashort Echo Time Imaging For Assessment of Hepatic Iron Overload by R2*-MRI

3:50 PM

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**Scientific Session VII-C: Interventional Radiology**

*Josée Dubois, MD and C. Matthew Hawkins, MD, Moderators*

3:50-4:10 p.m.

**Keynote Presentation**

*Richard Towbin, MD*

P159	4:10	4:20	Kukreja, Kamlesh	Developing an inpatient consult service at a large tertiary Children's hospital: process and lessons learned
P160	4:20	4:30	Hayatghaibi, Shireen	Reliability of an Updated Classification System for Adverse Events in Pediatric Interventional Radiology
P161	4:30	4:40	Cleveland, Heather	Portal Vein Recanalizations in Pediatric Liver Transplant Patients: Single Center Experience
P162	4:40	4:50	Toso, Seema	Diagnostic accuracy of ultrasound, computed tomography and wedge portography in the work-up for mesenterico-renal bypass in children with extrahepatic portal hypertension: a preliminary study
P163	4:50	5:00	Cronan, Julie	Endovascular stenting in adolescents with nutcracker syndrome
P164	5:00	5:10	Mayercik, Vera	Optimizing Pediatric Gastrojejunostomy Tube Maintenance
P165	5:10	5:20	Variyam, Darshan	Internal jugular vein tunneled central lines: To cuff or not to cuff?