

SPR 2025 Annual Meeting



April 7-11

Hilton Hawaiian Village
Honolulu, Hawaii





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Annual Meeting

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OVERVIEW

We are excited to welcome you to the 68th SPR Annual Meeting as we say *“aloha” to the future of pediatric radiology* and learn to *navigate the waves of change* within the field. This meeting will bring the pediatric radiology community together to learn more about state-of-the-art pediatric imaging and its positive impact on the children we serve. The Annual Meeting will be held April 7 – 11 at the Hilton Hawaiian Village in Honolulu, Hawaii.

This year, the full 4.5 days of the meeting will provide a mix of scientific, clinical and non-clinical topics in addition to featured lectures, special sessions on artificial intelligence (AI), and global impact, the ever-popular SPR Jeopardy session, Shark Tank, and a new educational game you must experience! There will not be a separate postgraduate course.

The Annual Meeting content is designed to enhance the competence of learners in effectively identifying and navigating challenges and changes in pediatric radiology, including applying the most up-to-date research, technologies, and procedures available to optimally diagnose and treat children. By offering live broadcast of our hybrid sessions, we hope to broaden the Society's reach and global impact.

LEARNING OBJECTIVES

At the conclusion of the Annual Meeting attendees should be able to:

1. Summarize the most current information on state-of-the-art pediatric imaging, intervention, and research.
2. Describe new technologies and clinical workflow for pediatric imaging and intervention.
3. Define ways to improve department workforce and increase understanding in professionalism, leadership transition, inequalities in workforce and physician wellness.
4. Discuss the need to support pediatric imaging at a global level and increase knowledge sharing to improve the care of children internationally.
5. Explain the potential impact of artificial intelligence on education and implementation in pediatric imaging.



General Information

ACCREDITATION STATEMENT

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Michigan State Medical Society and the Society for Pediatric Radiology. The Michigan State Medical Society is accredited by the ACCME to provide continuing medical education for physicians.

CREDIT DESIGNATION STATEMENT

The Michigan State Medical Society designates this live activity for a maximum of 26 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

EVALUATION | CREDIT CLAIMING

To complete the required activity evaluation, claim credit and obtain a



credit certificate, you must access the SPR 2025 activity within the SPR Online Learning Center – XPress (<https://myedu.spr.org/p/SPR25>). All attendees have access to the SPR 2025 activity via the link above beginning the week before the meeting. The evaluation must be completed in order to claim credit. The username and password required to access XPress are the same as those used to log into the SPR website. Please see the staff at the Registration Desk onsite with questions or email us at info@spr.org.

DISCLOSURE OF RELEVANT FINANCIAL RELATIONSHIPS

Full disclosure information can be accessed via the SPR 2025 activity within the SPR Online Learning Center – XPress: <https://myedu.spr.org/p/SPR25>.

DISCLOSURE OF COMMERCIAL SUPPORT

Acknowledgement of commercial support will be listed as it becomes available.

INTERNET ACCESS

Internet access will be available throughout the meeting space using the following credentials:

Network Name: TBD

Username: TBD | Password: TBD

MOBILE MEETING APP

Looking for the most up-to-date information including important announcements, session details, networking opportunities, and much more? Access the mobile meeting app by downloading the Guidebook app on your mobile device. Within the Guidebook app, search for SPR 2025 by entering the passphrase: **hawaii2025**. All attendees will be able to access the app beginning the week before the meeting.

REGISTRATION DESK

Coral Lounge

SPR staff members will be available to assist you at the registration desk during the following hours:

Sunday, April 6	2:00 PM – 5:00 PM
Monday, April 7	7:00 AM – 4:00 PM
Tuesday, April 8	7:00 AM – 5:00 PM
Wednesday, April 9	7:00 AM – 1:00 PM
Thursday, April 10	7:00 AM – 5:30 PM
Friday, April 11	7:00 AM – 12:00 PM

SPEAKER READY ROOM

Hibiscus I

Presenters must bring their presentation(s) to the Speaker Ready Room the day prior to their scheduled presentation. Hours of operation are as follows:

Sunday, April 6	2:00 PM – 5:30 PM
Monday, April 7	7:00 AM – 5:30 PM
Tuesday, April 8	7:00 AM – 5:30 PM
Wednesday, April 9	7:00 AM – 1:00 PM
Thursday, April 10	7:00 AM – 5:30 PM
Friday, April 11	7:00 AM – 12:00 PM



ANNUAL MEETING HYBRID SESSIONS IN-PERSON + LIVE ONLINE



A special track has been designated within the Annual Meeting program to be broadcast live online via the Zoom Webinar platform (slides and audio only). Sessions included in this In-Person + Live Online Track are designated as a “Hybrid Session” within the program. Both in-person registrants and those registered for only Live Online participation will have access to the broadcast to offer flexibility to our in-person learners as well.

LIVE ONLINE ACCESS



The link to the live broadcast of the hybrid sessions is available via the SPR 2025 activity within the SPR Online Learning Center – XPress (<https://myedu.spr.org/p/SPR25>). All registered attendees have access to the SPR 2025 activity via the link above beginning the week prior to the meeting.

On-demand viewing will not be an option. Live participation, either in-person or remotely, is required for attendance and credit claiming. An enduring, on-demand offering will be created from the session recordings and offered for purchase following the meeting. Access to the on-demand recordings is not included in the cost of registration for the live activity.



ELECTRONIC POSTERS (NON-CME)

Scientific, Educational, and Case Report poster exhibits are available for viewing from personal devices via the SPR Poster Archive Site - <https://pedrad.abstractarchives.com>. Make sure to browse the excellent 2025 posters!

ARTIFICIAL INTELLIGENCE (AI) PROGRAM TRACK

Advance your pediatric radiology practice with cutting-edge presentations on artificial intelligence (AI). Delve into the latest AI applications for implementation, image analysis, diagnosis, and treatment planning. Learn to harness the power of AI to improve education, accuracy, efficiency, and patient outcomes. Don't miss this opportunity to stay ahead of the curve and revolutionize your approach to pediatric imaging. The AI Program Track is highlighted throughout the program as indicated in the color key.

ONLINE CASES OF THE DAY COMPETITION (NON-CME)

Monday, April 7 – Friday, April 11

On each day of the Annual Meeting, a web-based “Cases of the Day” competition will feature new unknown cases in various categories to challenge your pediatric radiology knowledge. To participate, visit <http://sprcod.org> on your mobile device. After completing a simple one-time registration process, you will be able to view cases and submit your answers online beginning at 12:00 AM daily. This activity will be available to both attendees and those not registered, so feel free to pass the link along to your colleagues! Winners of the competition will be announced following the meeting.

PROTOCOL SESSIONS (NON-CME)

Wednesday, April 9, 7:00 – 7:50 AM

CT – Coral Ballroom 4

MR – Coral Ballroom 2

Ultrasound – Coral Ballroom 5

The goal of these sessions is to develop, through discussion and interaction, manufacturer-specific CT, MR, and US protocol improvements. Come prepared with your specific questions and challenges. The discussion will be led by experts in the field who have hands-on experience with equipment operation and protocol design. Vendors will also have representatives present, who can respond to questions about trouble with specific exam types, sequencing, best sequencing processes, image optimization, dose reduction, etc.

Special Events

AWARDS CEREMONY

Monday, April 7, 4:00 – 5:15 PM

Coral Ballroom 3

Celebrate with us as we honor our SPR and SPR REF 2025 Awardees!

ALOHA E KOMO MAI (WELCOME) LUAU

Monday, April 7, 6:00 – 9:00 PM

Great Lawn

In place of our historical closing Annual Banquet, we will hold a festive luau on the opening night of the meeting. This exciting event will feature traditional Hawaiian luau entertainment and cuisine. Tickets are available for \$150 each. Attire is resort casual. We hope you will join us as we kick off the 2025 Annual Meeting!

SPR RESEARCH AND EDUCATION FOUNDATION FUN RUN

Tuesday, April 8, 6:00 AM

Meet in the hotel lobby at 5:45 AM

Underwritten by Texas Children's Hospital



Texas Children's Hospital®

Join us for the popular SPR REF Fun Run!

Advance registration is required. The entrance fee is \$30 and includes a t-shirt.

Both runners and walkers are welcome!

SUNRISE YOGA SESSION

Wednesday, April 9, 6:45 – 7:30 AM

Village Green

Start your morning off right to increase your energy and focus throughout the day! This session is appropriate for all experience levels so don't miss the fun! Participation is limited to the first 24 participants on a first-come, first-served basis. Advance registration is not required.

SPR BUSINESS MEETING

Thursday, April 10, 7:00 – 7:50 AM

Coral Ballroom 4

Calling all SPR members! Join us as we share pertinent information and review the state of the SPR! Members only, please.



SPR SHARK Tank

Thursday, April 10, 10:30 – 11:15 AM

Coral Ballroom 5

Cheer on your colleagues as they pitch their BIG idea in pediatric diagnostic or interventional imaging to our panel of judges for a chance to win a monetary prize!

SPR RESEARCH AND EDUCATION FOUNDATION SYMPOSIUM

Thursday, April 10, 11:15 AM – 12:30 PM

Coral Ballroom 5

Gather with your colleagues as we hear about the great work made possible by the REF! Updates from recipients of past REF grants will serve to both educate and inspire!

EARLY CAREER & TRAINEE SPECIAL PROGRAMMING

Thursday, April 10

Lehua Suite

Luncheon, 12:00 – 12:30 PM

Speed Mentoring, 12:30 – 1:15 PM

Lunch provided for the first 60 participants on a first come, first served basis

Come connect, and have fun with your colleagues and friends at the Early Career & Trainee Luncheon and Speed Mentoring Session! You will not want to miss these events designed especially for our early career and trainee attendees!

HO'OLAULE'A (CELEBRATION) RECEPTION

Thursday, April 10, 6:00 – 7:30 PM

Village Green

Join us as we prepare to wave aloha to our friends and colleagues. Light hor d'oeuvres and refreshments will be served. Attire is resort casual. All attendees are welcome!

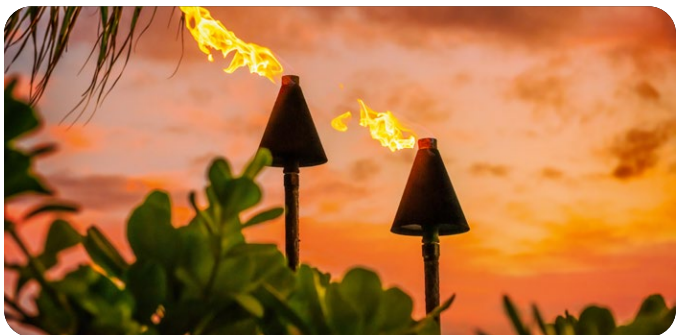


EXHIBIT HALL SCHEDULE

Monday, April 7 – Wednesday, April 9

Coral Lounge

Monday, April 7

7:00 AM – 8:00 AM

Continental Breakfast in the Exhibit Hall

10:00 AM – 10:30 AM

Exhibit Hall Kick-off Party

Join us as we welcome our 2025 SPR exhibitors!

3:30 PM – 4:00 PM

Exhibit Hall Break

Tuesday, April 8

7:00 AM – 8:00 AM

Continental Breakfast in the Exhibit Hall

10:00 AM – 10:30 AM

Exhibit Hall Break

3:30 PM – 4:00 PM

Exhibit Hall Break

5:00 PM – 6:00 PM

Mix & Mingle Leadership Product Showcase (invitation only)

Wednesday, April 9

7:00 AM – 8:00 AM

Continental Breakfast in the Exhibit Hall

EXHIBIT HALL KICK-OFF PARTY

Monday, April 7, 10:00 – 10:30 AM

Coral Lounge

Many sponsoring companies are hosting exhibits at this year's meeting. Join us for this kick-off party to thank the representatives for their support and learn about their latest products and services.



Monday, April 7

12:00 AM – 11:59 PM **Cases of the Day Online Activity, *Online***

7:00 AM – 8:00 AM **Continental Breakfast & Exhibit Hall, *Coral Lounge***

7:00 AM – 4:00 PM **Registration, *Coral Lounge***

I: Edward B.D. Neuhauser Lecture (Hybrid Session)))

8:00 AM – 10:00 AM *Coral Ballroom 3*

Moderator: Beth M. Kline-Fath, MD

8:00 AM **Welcome and Introduction**
Beth M. Kline-Fath, MD

8:15 AM **Amplifying Excellence: Multipliers in the Future of Pediatric Radiology**
Elise C. Foster, MS, EdM, PCC

9:45 AM **Discussion and Q & A**

10:00 AM – 10:30 AM **Exhibit Hall Kick-off Party**
Join us as we welcome our 2025 SPR exhibitors!

II-A: Scientific Session - Nuc Med

10:30 AM – 12:00 PM *Coral Ballroom 4*

Moderators: Hollie A. Lai, MD & Susan E. Sharp, MD

10:30 AM **Keynote Presentation: Nuc Med**
Stephan D. Voss, MD, PhD

10:50 AM **#1 | Discrepancies Between Outside and Secondary Interpretations of Nuclear Medicine Imaging Studies**
Peter Hoeksema, MD

11:00 AM **#2 | Efficacy of Fentanyl for Brown Fat Suppression for Pediatric PET Scans**
Mariama Lukulay

11:10 AM **#3 | Characterization of Normal Renal Maturation in Childhood Through DCE-MRI**
Karen Sarao, ALM

11:20 AM **#4 | Detecting Early Post-radiation Neuronal Injury: The Potential of 18F-SynVesT-1 PET**
Nazanin Maleki, MD

11:30 AM **#5 | Free-breathing Respiratory-gated Multi-echo Gradient-spin-echo MRI for Hepatic T2 Estimation**
Amol Pednekar, PhD

11:40 AM **#6 | Solid and Liquid Gastric Emptying Studies in Children – Which to Perform and for How Long?**
Riwa Meshaka

11:50 AM **#7 | Skeletal Surveys Performed for Suspected Infant Abuse: Estimation of Their Radiation Doses Based on Hybrid Computational Phantoms**
Jeannette Perez-Rossello, MD

Conference Tracks

-  Hybrid Sessions
-  General Sessions
-  AI Presentations
-  Non-CME Sessions
-  Scientific Sessions
-  Clinical Sessions
-  Non-Clinical Sessions

Program Schedule

II-B: Non-Clinical Session - Ohana (Family): Patient Engagement, Diversity and Healthy Equality

10:30 AM – 12:00 PM *Coral Ballroom 5*

Moderators: Kristi A. Bogan, MD & Ashish K. Parikh, MD

10:30 AM **Equity Update: How We Started & How it is Going**
Mesha Martinez, MD

10:45 AM **History in Acceptance Culture: What can the Middle Ages Teach Us?**
Kristi A. Bogan, MD

11:00 AM **Reducing Health Disparities in Radiology**
Chido Vera, MD, MPH

11:15 AM **Words Matter: Inclusive Language in Radiology**
Jessica R. Leschied, MD

11:30 AM **Imaging Care for Gender Diverse Patients**
Jason N. Wright, MD

11:45 AM **Women in Ped Rad: Where are We?**
Elizabeth J. Snyder, MD

II-C: Clinical Session - Wayfinding: AI (Hybrid Session))))

10:30 AM – 12:00 PM *Coral Ballroom 3*

Moderators: Eric Hoggard, MD & Jill Stein, MD

10:30 AM **Image IntelliGently: Equitable AI for Children**
Marla Sammer, MD, MHA

10:45 AM **Evaluating and Monitoring Clinical AI**
David B. Larson, MD, MBA

11:00 AM **Legal Considerations in Using AI**
Aparna Joshi, MD

11:15 AM **Who Pays for AI?**
Francisco A. Perez, MD, PhD, MBA

11:30 AM **Do I Need an Algorithm? Who Decides and How?**
Safwan S. Halabi, MD

11:45 AM **AI Validation Made Simple**
Thierry A. Huisman, MD, PhD

12:00 PM – 1:30 PM **Lunch on Your Own**



III-A: Scientific Session - GI I

1:30 PM – 3:30 PM *Coral Ballroom 4***Moderators: Alexander M. El-Ali, MD & Derek Roebuck, FRANZCR**

- 1:30 PM **Keynote Presentation: GI**
Sherwin Chan, MD, PhD
- 1:50 PM **#8 | Multicenter Randomized Control Trial of Bowel Ultrasound for Diagnosis of Necrotizing Enterocolitis: Effect on Patient Centered Outcome**
Maura Sien, MS, RT(R)
- 2:00 PM **#9 | Magnetic Resonance Imaging for Suspected Perianal Crohn's Disease in Children: A Multi-reader Agreement Study**
Pradipta Debnath
- 2:10 PM **#10 | Exploring the Association Between BMI and Liver Fat in Children: A Study Using Ultrasound-derived Fat Fraction**
Marine Moeremans
- 02:20 PM **#11 | Prevalence of Sarcopenia in Children Undergoing Total Pancreatectomy with Islet Autotransplantation (TPIAT) and Implications for Surgical Outcomes**
Morgan N. McLuckey, MD
- 2:30 PM **#12 | Imaging Features in Very Early-onset Inflammatory Bowel Disease: A Retrospective Study of MRE Findings and Clinical Correlations**
Valeria Pena Trujillo, MD
- 2:40 PM **#13 | MRI Major and Ancillary Features of LI-RADS for Diagnosis of Pediatric Malignant Liver Tumors**
Pyeong Hwa Kim, MD, PhD
- 2:50 PM **#14 | Simultaneous Water-specific T1 and Fat Fraction Mapping of the Liver Using Chemical-Shift Encoded Multi-Echo Modified Look-Locker Inversion Recovery Imaging**
Joshua Greer
- 3:00 PM **#15 | Deep Learning Phase-corrected Reconstruction Decreases Motion Artifacts in Pediatric Diffusion-weighted Abdominal MRI**
Sebastian Gallo-Bernal, MD
- 3:10 PM **#16 | Impact of Anti-TNF Medical Therapy on Body Composition in Children with Newly Diagnosed Ileal Crohn's Disease (CD)**
Sohan Shah
- 3:20 PM **#17 | Operational Implications of Implementing First-line Ultrasound for Midgut Volvulus**
Chelsea Life

Conference Tracks

-  Hybrid Sessions
  General Sessions
  AI Presentations
  Non-CME Sessions
-  Scientific Sessions
  Clinical Sessions
  Non-Clinical Sessions

Program Schedule

III-B: Scientific Session - MSK I

1:30 PM – 3:30 PM *Coral Ballroom 5*

Moderators: Jesse Sandberg, MD & Erica K. Schallert, MD

1:30 PM **Keynote Presentation: MSK**
Delma Y. Jarrett, MD

1:50 PM **#18 | Clinical Impact of Long Bone Pediatric Osteosarcoma with Transphyseal Tumor Extension on Presentation MRI: Initial Results**
Adarsh Suresh, BA

2:00 PM **#19 | Hip Displacement in Children With Cerebral Palsy: What is the Reliability of Pelvic Radiographs for Treatment Planning?**
Andy Tsai, MD, PhD

2:10 PM **#20 | Diffusion Tensor Imaging of the Physis Reveals Response to Growth Hormone Therapy**
Camilo Perdomo-Luna, MD

2:20 PM **#21 | Concomitant Injuries Associated with PCL Avulsion Fractures in Young Patients: MRI Findings with Arthroscopic Correlation**
Siddharth Jadhav, MD

2:30 PM **#23 | Diagnosis of Metaphyseal Variations and Classic Metaphyseal Lesions in the Knees**
Boaz Karmazyn, MD

2:40 PM **#24 | Costochondral Junction Variations in Children Younger Than 2 Years**
Boaz Karmazyn, MD

2:50 PM **#25 | Dynamic Ultrasound Evaluation of Patients with Suspected Slipping Rib Syndrome: Five Years In**
Nicholas Schultz, MS

2:00 PM **#26 | CPR-related Rib Fractures in Pediatric Postmortem Chest CT - Is Pathology the Gold Standard?**
Megan Marine, MD

2:10 PM **#27 | Can Birth-related Clavicle Fractures Be Used as Surrogates for Radiographic Dating of Infant Long Bone Fractures?**
Jade Iwasaka-Neder, MD, MPH

2:20 PM **Additional Discussion and Q&A**

Conference Tracks

-  Hybrid Sessions  General Sessions  AI Presentations  Non-CME Sessions
-  Scientific Sessions  Clinical Sessions  Non-Clinical Sessions

III-C: Non-Clinical Session - Global Impact: It's a Small Island but Also a Small World (Hybrid Session)))

 1:30 PM – 3:30 PM *Coral Ballroom 3*
Moderators: Dorothy Bulas, MD & Jennifer L. Nicholas, MD, MHA, MEd

 1:30 PM **Pediatric Radiology Access Inequalities (Asia, Americas, Australia)**
 Timothy M. Cain, MBBS, MBA

 1:45 PM **When the Birth Rate is Much Greater than Pediatric Radiology Services (Africa)**
 Abass Noor, MD

 2:00 PM **When Decreasing Birth Rates Make Pediatric Services Uneconomical (Hong Kong, US)**
 Winnie C. W. Chu, MD

 2:15 PM **Pediatric Radiology Training Around the World: Can We Standardize It?**
 Jovan Lovrenski, MD, PhD

 2:30 PM **Equipment Resources Across the World: When the Power Light of the MR Magnet Goes off in Low and Low Middle Income Countries**
 Jennifer L. Nicholas, MD, MHA, MEd

 2:45 PM **Publishing in Low and Lower Income Countries**
 Carlos F. Ugas Charcape, MD

 3:00 PM **Pediatric Radiology in South Asia: Current Status, Challenges and Opportunities**
 Kushaljit S. Sodhi, MD, PhD

 3:15 PM **Ped Rad Needs in Europe**
 Bogdan-Stefan Olteanu, MD, PhD

 3:30 PM – 4:00 PM **Exhibit Hall Break, *Coral Lounge***

 4:00 PM – 5:15 PM **Awards Ceremony, *Coral Ballroom 3***

 6:00 PM – 9:00 PM **Aloha e Komo Mai (Welcome) Luau, *Great Lawn***
Separate fee applies.


Program Schedule

Tuesday, April 8

12:00 AM – 11:59 PM	Cases of the Day Online Activity, <i>Online</i>
5:45 AM – 8:00 AM	SPR Research and Education Foundation Fun Run <i>Meet in the TBD at 5:45 AM</i>
7:00 AM – 8:00 AM	Continental Breakfast & Exhibit Hall, <i>Coral Lounge</i>
7:00 AM – 8:00 AM	SPR Networking Breakfast with the American Association for Women In Radiology, <i>Lehua Suite</i> <i>Grab breakfast from the Exhibit Hall and join us!</i>
7:00 AM – 5:00 PM	Registration, <i>Coral Lounge</i>

IV: Local Guest Lecture (Hybrid Session))))

8:00 AM – 8:50 AM	<i>Coral Ballroom 3</i>
Moderator: Beth M. Kline-Fath, MD	
8:00 AM	Hawaiian Connections Suzanne P.Vares-Lum
8:45 AM	Discussion and Q & A

V-A: Scientific Session - MSK II

9:00 AM – 10:00 AM	<i>Coral Ballroom 4</i>
Moderators: Jeannie Kwon, MD, MBA & Sarah Menashe, MD	
9:00 AM	#28 Evidence Underpinning Standard of Care Imaging of Primary Ewing Sarcoma and Osteosarcoma in the Pediatric and Adult Population – A Systematic Review Rick van Rijn, MD, PhD
9:10 AM	#29 Intrasubstance Supraspinatus Tendon Signal on Adolescent Shoulder MRIs: A Diagnostic Dilemma Eric L. Tung, MD
9:20 AM	#30 Low Radiation Dose Preoperative Non-Contrast Computed Tomography (NCCT) for Vertebral Pedicle Morphometry in Pediatric Scoliosis Patients Akshay Saxena, MD
9:30 AM	#31 Where is the CAM? Does the Presence of Underlying Hip Dysplasia Affect Incidence and Location of CAM Deformities in Idiopathic Adolescent Hip Pain Patients Stuart Ferrell, MS
9:40 AM	#32 Does the Presence of a Torn ACL Affect Meniscal Tear and Retear Rates in Children? Oladipupo Fagbongbe
9:50 AM	#22 Accuracy of Pediatric Knee MRI for Identifying Meniscal Retears Oladipupo Fagbongbe

Conference Tracks

-))) Hybrid Sessions
- General Sessions
- AI Presentations
- Non-CME Sessions
- Scientific Sessions
- Clinical Sessions
- Non-Clinical Sessions

V-B: Scientific Session - Neuro & MSK9:00 AM – 10:00 AM *Coral Ballroom 5***Moderators: Arabinda K. Choudhary, MD, MBA & Deborah Zarnow, MD**9:00 AM **#33 | Is Routine Ultrasound of Palpable Post-auricular and Occipital Nodules Warranted in the Absence of Other Clinical Findings?**

Lama Meriky, MBBS

9:10 AM **#34 | White Matter Injury on 7- and 30-day Head Ultrasound and Brain MRI Predicts Neurodevelopmental Outcomes in a Modern Cohort of Preterm Infants**

Felicia Tang

9:20 AM **#35 | Developmental Closure Timeline of the Synchondroses and Foramina in the Sphenoid Body as Seen on CT**

Carmen Cerron Vela, MD

9:30 AM **#36 | Ossific Lateral Femoral Head and the Metaphyseal Vertex are Equivalent Measurements for Migration Percentage Calculations in Children >5 years: A Critical Assessment of Radiologic Landmarks With MRI Correlation**

Austin McCullough, MD

9:40 AM **#37 | The Os Subfibulare: The Not So Normal Variant**

Collin Troester, MD

9:50 AM **#38 | Measurement of Femoral Version Using 2D and 3D Methods: Accuracy and Precision Comparison via a Parametric Phantom Study**

Ani Maroyan, MS

V-C: Non-Clinical Session - Aumakua (Ancestral Spirits) in Pediatric Radiology (Hybrid Session)))9:00 AM – 10:00 AM *Coral Ballroom 3***Moderators: Harris L. Cohen, MD & George A. Taylor, MD**9:00 AM **SPR History**

Richard I. Markowitz, MD

9:15 AM **Memorable Cases and Influential People**

George A. Taylor, MD

9:30 AM **Paleoradiology**

Katherine D. Van Schaik, MD, PhD

9:45 AM **History of Pediatric Radiology Journal**

Geetika Khanna, MD, MS

10:00 AM – 10:30 AM **Exhibit Hall Break, *Coral Lounge***

Program Schedule

VI-A: Scientific Session - Cardiac

10:30 AM – 12:00 PM Coral Ballroom 4

Moderators: Rajesh Krishnamurthy, MD & Andrada R. Popescu, MD

10:30 AM **Keynote Presentation: Cardiac**

Lorna Browne, MD

10:50 AM **#39 | Reduced Gadolinium Dose MR Lymphangiography With Gadopiclenol**

Ali B. Syed, MD

11:00 AM **#40 | Revisiting Test Bolus: A Plug-and-play Solution for Cardiac CTA Timing**

Juan Infante, MD

11:10 AM **#41 | Pilot Investigation of Accelerated Cine Imaging Using Deep Learning for Pediatric Cardiac MRI: Towards Faster, High-Quality Imaging**

Sarv Priya, MD

11:20 AM **#42 | Balancing Dose and Image Quality: Comparing 70 kV and 120 kV Protocols in Photon-Counting CT in Pediatric Cardiac Imaging**

Nolan Dang

11:30 AM **#43 | Prevalence of Sarcopenia and Associations with Clinical Markers in Patients with Fontan Physiology**

Tracie Kong, MD

11:40 AM **#44 | Pediatric Thoracic Outlet Syndrome (TOS): Do Imaging Findings Correlate with Clinical Symptoms?**

Thomas Hanley

11:50 AM **#45 | Preoperative MRI in Pediatric Thoracic Outlet Syndrome: Operative Correlation and Inter-Rater Reliability**

Vinicius Alves, MD

VI-B: Non-Clinical Session - Preparing for the Perfect Storm: Workflow and Workforce

10:30 AM – 12:00 PM Coral Ballroom 5

Moderators: Lane F. Donnelly, MD & Michael Gee, MD, PhD

10:30 AM **Improving Employee Experience**

Sarah Milla, MD

10:45 AM **Equipment Factors Approach to Scheduling: Maximizing MR Scheduling**

Sarah Bixby, MD, MBA

11:00 AM **Shortage of Pediatric Radiologist: What Do We Do Now?**

Ami Gokli, MD, MEd

11:15 AM **Strategies for Faculty Retention in a Competitive Market**

Michael Gee, MD, PhD

11:30 AM **Finding and Funding Our Future Selves**

Shannon G. Farmakis, MD

11:45 AM **Workforce Lessons Learned**

Jesse Courtier, MD

Conference Tracks



Hybrid Sessions



General Sessions



AI Presentations



Non-CME Sessions



Scientific Sessions



Clinical Sessions



Non-Clinical Sessions

**VI-C: Clinical Session - Sand to Sculpture: Genotype to Phenotype
(Hybrid Session)))**

 10:30 AM – 12:00 PM *Coral Ballroom 3*
Moderators: Meryle J. Eklund, MD & Beth E. McCarville, MD

 10:30 AM **Imaging Screening of Cancer Predisposition Syndromes**
Mary-Louise Greer, MBBS

 10:45 AM **Nuclear Medicine – Troubleshooting in Genetic Syndromes**
Hassan Aboughalia, MD

 11:00 AM **Cancer Predisposition Syndromes: Prenatal Clues**
Kelly Dietz, MD

 11:15 AM **Neurologic Manifestations of Cancer Predisposition Syndromes**
Alok Jaju, MD

 11:30 AM **Discriminating Benign from Malignant Renal Tumors in Cancer
Predisposition Syndromes**
Ann D. Schechter-Stark, MD

 11:45 AM **Primary Cardiac Tumors Associated with Genetic Syndromes**
Cara E. Morin, MD, PhD

 12:00 PM – 1:30 PM **Lunch on Your Own**


Program Schedule

VII-A: Scientific Session - GI II

1:30 PM – 3:30 PM Coral Ballroom 4

Moderators: Michael J. Callahan, MD & Rebecca J. Linke, BMBS

1:30 PM **Keynote Presentation: GI**

Jonathan R. Dillman, MD, MSc

1:50 PM **#46 | Diagnostic Yield of Liver Pulsed Doppler Evaluation in Patients with Isolated Elevated Liver Function Tests**

Guillermo Alfonso, DO

2:00 PM **#47 | Magnetic Resonance Elastography Liver Stiffness in Children and Adults with Fontan Circulation: What is “Normal” and Clinical Associations**

Julia Razavi

2:10 PM **#48 | Evaluating VAST and FALD Scores as Alternatives to Elastography for Assessing Liver Stiffness in Fontan Patients**

Michael Burcescu, MD

2:20 PM **#49 | Pediatric Liver Size: New Ultrasound-Based Reference Standards**

Amirreza Manteghinejad, MD

2:30 PM **#50 | Photon-Counting CT (PCCT) in Children: Image Quality and Radiation Dose Comparison with Energy-integrating Detector CT**

Valeria Pena Trujillo, MD

2:40 PM **#51 | Comparison of Hepatic Proton Density Fat Fraction and T2* Estimates from Chemical Shift-encoded Acquisitions: Breath-hold Versus Free-breathing Respiratory-gated**

Amol Pednekar, PhD

2:50 PM **#52 | Correlation of MaRIA Scores and IVIM Parameters from Motion and Distortion Corrected DW-MRI in Pediatric IBD: A Comparative Study**

Lina Lu, MD

2:00 PM **#53 | Ultrasound as the First-line Modality in the Investigation of Infantile Bilious Vomiting: A 3-year Reflection**

Riwa Meshaka

2:10 PM **#54 | Deep Learning Reconstruction for Improving Image Quality of Pediatric Abdomen MRI with 3D T1 Fast Spoiled Gradient Echo (FSPGR) Acquisition**

Evan J. Zucker, MD

2:20 PM **#55 | Prospective Validation of Ultrasound Shear Wave Elastography Criteria for Diagnosing Hepatic Venous-occlusive Disease/Sinusoidal Obstructive Syndrome**

Maura Sien, MS, RT(R)

Conference Tracks

-))) Hybrid Sessions ■ General Sessions ■ AI Presentations ■ Non-CME Sessions
■ Scientific Sessions ■ Clinical Sessions ■ Non-Clinical Sessions

VII-B: Scientific Session - Thoracic

1:30 PM – 3:30 PM Coral Ballroom 5

Moderators: Ailish Coblentz, MBBS & Paul Thacker, MD, MHA

- 1:30 PM **Keynote Presentation: Thoracic**
Jason P. Weinman, MD
- 1:50 PM **#56 | Characterization of Rib Fractures in Deceased Infants After Physical Abuse Versus Cardiopulmonary Resuscitation Based on Postmortem Skeletal Survey and CT**
Jennifer Hayes, MD
- 2:00 PM **#57 | Utilizing Bilateral Symmetry of Lung Aeration Pattern on Chest Radiographs to Improve Interobserver Agreement on Differentiating Viral from Non-viral Processes in Children with Suspected Pneumonia**
Siddharth Mishra, MD
- 2:10 PM **#58 | Incidence of Pulmonary Vein Stenosis in Infants Older Than 6 Months with Bronchopulmonary Disease**
Luis Tierradentro-Garcia, MD
- 2:20 PM **#59 | Pilot Study for Optimization of Pediatric Dynamic Airway CT**
Derick Bunn
- 2:30 PM **#60 | Chest CT Angiography for Evaluation of Pulmonary Embolism: Does Inspiration Affect Image Quality?**
Stephanie El Omeiri, MD
- 2:40 PM **#61 | HRCT Based Characteristics of Interstitial Lung Disease in Juvenile Systemic Sclerosis**
Manisha Jana, MD, DNB, FRCR
- 2:50 PM **#62 | Nanoparticle Contrast-enhanced CT of Thoracic Aortopathy and Cardiovascular Pathology in a Mouse Model of Marfan Syndrome**
Laxman Devkota, PhD
- 2:00 PM **#63 | Photon-Counting CT (PCCT) in Pediatric Chest Phantoms: Image Quality and Dose Reduction Comparison**
Sebastian Gallo-Bernal, MD
- 2:10 PM **#64 | Presenting Chest Imaging Characteristics of Systemic Juvenile Idiopathic Arthritis-Associated Lung Disease (sJIA-LD)**
Angus Acton
- 2:20 PM **#65 | Transient vs Permanent Congenital Hypothyroidism: Does Thyroid Volume Tell the Tale?**
Boaz Karmazyn, MD



Program Schedule

VII-C: Clinical Session - Hokua (Cresting Waves): Fetal/Neonatal/Postmortem (Hybrid Session))))

1:30 PM – 3:30 PM *Coral Ballroom 3*

Moderators: Maria A. Calvo-Garcia, MD & Luis F. Goncalves, MD

1:30 PM **Revisiting Fetal MRI 1.5T versus 3T**

Teresa Victoria, MD, PhD

1:45 PM **First Trimester Fetal MRI: When and How**

Ryne Didier, MD

2:00 PM **RAFT Trial and GU Anomalies: Where Are We?**

Michael V. Zaretsky, MD

2:15 PM **SVR and AI: Will They be Important in Clinical Practice?**

Camilo Jaimes Cobos, MD, MPH

2:30 PM **Cardiac Fetal: Should We Utilize for Everyday Clinical Practice?**

Mike Seed, MBBS

2:45 PM **Can Phenotype Define the Genetics?**

Carolina Guimaraes, MD

3:00 PM **Fetal Brain Volumetry**

Jonathan Murnick, MD, PhD

3:15 PM **Postmortem Examinations: Applications and Limitations**

Stacy K. Goergen, MBBS

3:30 PM – 4:00 PM **Exhibit Hall Break**

VIII: Pediatric Radiology Jeopardy (Hybrid Session))))

4:00 PM – 5:00 PM *Coral Ballroom 3*

Master of Ceremonies: Richard Heller, MD, MBA

Barium Slingers: Leann Linam, MD (Captain); Azam A. Eghbal, MD; Herman Kan, MD; Morgan N. McLuckey, MD

Flow Voids: Sarah Bixby, MD, MBA (Captain); Alejandra Bedoya, MD; Elton B. Greene, MD; Cory M. Pfeifer, MD, MPH

5:00 PM – 6:00 PM

Mix & Mingle Leadership Product Showcase

By Invitation Only, *Coral Lounge*



Wednesday, April 9

12:00 AM– 11:59 PM **Cases of the Day Online Activity**, *Online*

6:45 AM– 7:30 AM **Sunrise Yoga**, *Village Green*

7:00 AM– 8:00 AM **Continental Breakfast & Exhibit Hall**, *Coral Lounge*

7:00 AM– 1:00 PM **Registration**, *Coral Lounge*

CT Protocol Session (Non-CME)

7:00 AM– 7:50 AM *Coral Ballroom 4*

MR Protocol Session (Non-CME)

7:00 AM– 7:50 AM *Coral Ballroom 2*

Ultrasound Protocol Session (Non-CME)

7:00 AM– 7:50 AM *Coral Ballroom 5*

IX-A: Scientific Session - Fetal/Neonatal I

8:00 AM– 10:00 AM *Coral Ballroom 4*

Moderators: Krista Birkemeier, MD & Yi Li, MD

8:00 AM **Keynote Presentation: Fetal**

Jennifer N. Kucera, MD, MS

8:20 AM **#66 | Multi-parametric Ultrasound in Detecting Placental Insufficiency: A Pilot Study in a Guinea Pig Model of Pregnancy**
Sophie Haddad, MD

8:30 AM **#67 | Characterization of Abnormal Uteroplacental Hypervascularity in a Murine Model of Placenta Accreta Spectrum (PAS) Using Contrast-Enhanced Imaging**
Andrew Badachhpe, PhD

8:40 AM **#68 | Diffusion Tensor Imaging of Fetuses with Congenital Diaphragmatic Hernia**
Usha Nagaraj, MD

8:50 AM **#69 | Normal Development of the Fetal White Matter Crossroads**
Maria Cortes Albornoz, MD

9:00 AM **#70 | Evaluating the Development of the Human Ganglionic Eminence with Diffusion MRI**
Maria Cortes Albornoz, MD

9:10 AM **#71 | Retrocardiac Stomach in Left CDH: Challenging the Expected Prognosis**
Laura De Leon-Benedetti

9:20 AM **#72 | Cervical Lymphatic Malformations Versus Cystic Teratomas: Comparing Prenatal Characteristics and Postnatal Outcomes**
Sean Schoeman, MBChB

9:30 AM **#73 | Evaluation of Fetal MRI Findings in Micrognathia**
Rachel Wise, MD

9:40 AM **#74 | Assessment of the Utility of Fetal MRI in the Evaluation of Nonimmune Hydrops**
Tracee Wee, MD

9:50 AM **#75 | Establishing Baseline Fetal Colon and Rectum Measurements with MRI: Bowel Nomograms from 20 to 36 Weeks Gestational Age**
Caroline Walsh

Conference Tracks

- 🔊 Hybrid Sessions
🟢 General Sessions
🟣 AI Presentations
🟠 Non-CME Sessions

🟡 Scientific Sessions
🟡 Clinical Sessions
🟢 Non-Clinical Sessions

Program Schedule

IX-B: Scientific Session - Health Policy

8:00 AM– 10:00 AM *Coral Ballroom 5*

Moderators: Sonja T. Bastin, FRANZCR & Neil U. Lall, MD

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|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8:00 AM | Keynote Presentation: Health Policy
Shireen Hayatghaibi, MPH, PhD |
| 8:20 AM | #76 Hidden Workload: The Number of Images per Study Requiring Interpretation is Increasing in Pediatric Radiology
Xinye Lu |
| 8:30 AM | #77 Human Factors in Sustainable Resource Management: The Case of Iodine Recycling in Pediatric Radiology
Sweta Parmar, PhD |
| 8:40 AM | #78 Financial Toxicity in Families of Children Receiving Pediatric Outpatient Imaging
Gregory Jordan, MD |
| 8:50 AM | #79 Appendicitis Diagnosis Disparities in Hispanic Children: Examining Imaging Outcomes and Factors Influencing Certainty
Farid Hajibonabi, MD |
| 9:00 AM | #80 Caregiver Attitudes for Transparency of Their Child's Imaging Costs
Gregory Jordan, MD |
| 9:10 AM | #81 Impact of 2020 Pandemic Staffing on Current Radiologist Commuting and Green House Gas Production
Roger Harned, MD |
| 9:20 AM | #82 Defining the Pediatric Radiology Workforce in a National Private Payor Dataset According to Work Relative Value Unit (wRVUs) Workload
Casey Pelzl, MPH |
| 9:30 AM | #83 Establishing a Radiation Dose Quality Assurance Program for General Fluoroscopy
Samuel Brady, PhD |
| 9:40 AM | #84 Pediatric CT "Frequent Flyers": Should Cumulative Dose Influence Imaging Decisions? An Ongoing Debate
Sjirk Westra, MD |
| 9:50 AM | #85 Radiology Integration into Mass Casualty Incident Planning at a Freestanding Children's Hospital
Roger Harned, MD |

Conference Tracks

- Hybrid Sessions
- General Sessions
- AI Presentations
- Non-CME Sessions
- Scientific Sessions
- Clinical Sessions
- Non-Clinical Sessions

IX-C: Clinical Session - Hokuia (Cresting Waves): GI (Hybrid Session) »»8:00 AM– 10:00 AM *Coral Ballroom 3***Moderators: Roberto Llorens-Salvador, MD & Elizabeth R. Tang, MD**8:00 AM **Pediatric Portal Hypertension**

Leah Braswell, MD

8:15 AM **Updates in Vascular Imaging**

Mitchell Rees, MD

8:30 AM **Necrotizing Enterocolitis - CEUS and Other New Diagnostic Techniques**

Rebecca Dennis, DO

8:45 AM **Evolving Clinical Paradigms and Imaging Techniques for Pediatric Liver Steatosis**

Erika Rubesova, MD

9:00 AM **Need for Speed - Technical Advances, Tips, Future Directions in Pediatric MR Abdomen**

Shreyas Vasanawala, MD, PhD

9:15 AM **Radiomics in Abdominal Imaging**

Gary Schooler, MD

9:30 AM **Pediatric Pancreas Elastography - Current Status and Directions**

Andrew Trout, MD

9:45 AM **3D Visualization for Pediatric Abdominal Tumor Resection**

Nicole Wake, PhD

10:00 AM– 10:30 AM **Exhibit Hall Break, *Coral Lounge***

Program Schedule

X-A: Scientific Session - Fetal/Neonatal II

10:30 AM– 1:00 PM *Coral Ballroom 4*

Moderators: Judy A. Estroff, MD & Samuel Manikkam, FRANZCR

10:30 AM **Keynote Presentation: Neonatal**

Judy H. Squires, MD

10:50 AM **#86 | Calculation of Amniotic Fluid Volume by Means of Fetal MR: Does it Follow a Gaussian Distribution?**

Teresa Victoria, MD, PhD

11:00 AM **#87 | Slice to Volume Reconstruction of Fetal Brain MR Imaging in Clinical Practice**

Usha Nagaraj, MD

11:10 AM **#88 | Volumetric Analysis of Normal Development of the Fetal Cerebellum and Brainstem in the Second and Early Third Trimesters**

Matthew Taing, MD

11:20 AM **#89 | Fetal Pulmonary Artery Doppler: A Key to Predicting Neonatal Respiratory Distress Syndrome**

Ishan Kumar, MBBS, MD, DNB

11:30 AM **#90 | Evaluating the Prognostic Value of Fetal Magnetic Resonance Imaging Measures on Postnatal Pulmonary Outcomes in the Setting of Omphalocele**

Danielle Harold, BS

11:40 AM **#91 | Hydrocephalus Markers: Identification with Cerebral Microvascular Imaging and Proteomics**

David Le, PhD

11:50 AM **#92 | Assessing Brain Injury Severity on a 1T In-NICU MRI System**

Suely Fazio Ferracioli, MD, PhD

12:00 PM **#93 | Early Neurodevelopmental Markers in HIV-Exposed Uninfected Infants Revealed by Brain Ultrasound Radiomics**

Karen Ramirez Suarez, MD

12:10 PM **#94 | Texture-Based Ultrasound Markers for Detecting Intracranial Pressure and Brain Alterations in Hydrocephalus-Affected Infants**

Santiago Martinez-Correa, MD

12:20 PM **#95 | Feasibility and Challenges of Intracranial Pressure Estimation Through Microvascular Imaging Ultrasound-Derived Venous Pulsatility Index in Neonates with Hydrocephalus**

Santiago Martinez-Correa, MD

12:30 PM **#96 | Head Ultrasound Screening Efficacy for Sigmoid Sinus Thrombus in Neonates**

Lindsey Amundson

12:40 PM **#97 | Revisiting the Efficacy of Bedside Upper Gastrointestinal Series in Infants in the Neonatal Intensive Care Unit - 10 Years of Experience**

Saloni Dagar, MD

12:50 PM **#98 | The Impact of Ultrasound in Diagnosing Intestinal Atresia in Neonates (Apple Peel Atresia)**

Ayat Yousef, MD

Conference Tracks



Hybrid Sessions



General Sessions



AI Presentations



Non-CME Sessions



Scientific Sessions



Clinical Sessions



Non-Clinical Sessions

X-B: Scientific Session - Education

10:30 AM- 1:00 PM *Coral Ballroom 5***Moderators: Tess Chapman, MD, MA & Kushaljit S. Sodhi, MD, PhD**10:30 AM **Keynote Presentation: Education**

Ellen Chung, MD

10:50 AM **#99 | A Primarily Radiology Resident Driven After-hours Intussusception Reduction Service is Safe and Effective**

Krista Birkemeier, MD

11:00 AM **#100 | Decreasing the Rate of Non-visualization of the Appendix on Pediatric Appendiceal Ultrasound: A Quality Improvement Initiative in a University-based Radiology Department**

Selima Siala, MD

11:10 AM **#101 | Improving Radiology Residency Training Documentation for Intussusception Reduction**

Krista Birkemeier, MD

11:20 AM **#102 | Association of Radiologist Subspecialty and Seniority with Pediatric Report Impression Uncertainty**

Hanzhou Li

11:30 AM **#103 | Adherence and Impact of Imaging Guidelines for Seizure in the Pediatric Emergency Department**

Meagan Bechel, MD, PhD

11:40 AM **#104 | Pediatric Application of Novel Beam-shaping Technology for Very Low Dose Noncontrast Chest CT**

Grayson Baum, MD

11:50 AM **#105 | A Versatile Approach to Radiology Education: A Social Media Initiative**

Raisa Amiruddin

12:00 PM **#106 | Enhancing Cultural Sensitivity in Radiologic Imaging: Standardizing Haircare Practices for Black, Indigenous, People of Color, and Muslim Patients**

Marcy Hutchinson, AS

12:10 PM **#107 | CT Number Accuracy for Pediatric 3D Landmark Imaging: A Preliminary Phantom Study**

Sarah McKenney, PhD

12:20 PM **#108 | Attitude Towards Family Planning and Elective Oocyte Cryopreservation Among Trainees and Early Career Pediatric Radiologists**

Teresa Victoria, MD, PhD

12:30 PM **#109 | Imaging Stewardship for the Diagnosis of Pediatric Appendicitis: A Pathway to Improve Diagnostic Accuracy of Ultrasound**

Sannidhi Dewan, MD

12:40 PM **#110 | Implementing Peer Learning in a Pediatric Division in a University-Based Health System: Focus on System-Issues and Improvement**

Carolina Guimaraes, MD

12:50 PM **#111 | Optimizing the Abdominopelvic Ultrasound for the Assessment of Acute Appendicitis in Children**

Robert Dima, PhD

Program Schedule

X-C: Scientific Session - AI (Hybrid Session)))

10:30 AM– 1:00 PM *Coral Ballroom 3*

Moderators: Rajeev Nowrangi, MD, MPH & Evan J. Zucker, MD

10:30 AM **Keynote Presentation: AI**
Neville Irani, MD

10:50 AM **#112 | A Blinded Comparison of Traditional and Deep-Learning MRI of the Knee**
Christopher Baldwin, BS

11:00 AM **#113 | Clinical Deployment and Prospective Validation of a Homegrown AI Model for Measuring Limb Length Discrepancies**
Andy Tsai, MD, PhD

11:10 AM **#114 | Deep Learning-based Approach for Predicting Bone Mineral Density in Children Using Chest Radiographs**
Jae Won Choi

11:20 AM **#115 | Performance of a Locally-run Context Aware Chatbot in Adhering to ACR Pediatric Imaging Guidelines: A Comparative Analysis with Radiologists and Generic Large Language Models**
Amit Gupta

11:30 AM **#116 | Evaluation of LLM-Enhanced Phone-bot Performance in Triageing Pediatric Radiology Consults**
John Moon, MD

11:40 AM **#117 | A Convolutional Neural Network for Classification of Urinary Tract Dilation from Renal Ultrasounds: A Feasibility Study**
Kee Chung, MD, MBA

11:50 AM **#118 | Ensemble Learning Stratification of Histologic Liver Fibrosis Severity Using MRI and Clinical Data in Pediatric Patients**
Jonathan R. Dillman, MD, MSc

12:00 PM **#119 | Benchmarking Abdominal Pediatric MRI Segmentation Models: A Comparative Study**
Zachary Taylor

12:10 PM **#120 | Does Skeletal Muscle Volume and Density Affect Survival Outcome in Pediatric Patients with Rhabdomyosarcoma?**
Rida Salman

12:20 PM **#121 | Neuroblastoma Survival Models Based on Magnetic Resonance Radiomics and Deep Features**
Diana Veiga-Canuto, PhD

12:30 PM **#122 | Classification of Osteosarcoma Clinical Outcomes Using Contrast-enhanced MRI Radiomics and Clinical Variables**
Esther Ngan

12:40 PM **#123 | Deep Learning Models for Tumor Volume Quantification and Survival Prediction in Pediatric Osteosarcoma**
Ricarda Von Kruechten

12:50 PM **#124 | Patient-Friendly Radiology Reports: Assessing Family Engagement and Acceptance at Two Academic Children's Hospitals**
Andrew Johnston, MD, MBA

Thursday, April 10

12:00 AM – 11:59 PM **Cases of the Day Online Activity**, *Online*

7:00 AM – 8:00 AM **Continental Breakfast**, *Coral Lounge*

7:00 AM – 5:30 PM **Registration**, *Coral Lounge*

7:00 AM – 7:50 AM **SPR Business Meeting (SPR Members Only)**, *Coral Ballroom 4*

XI-A: Scientific Session - Neuro

8:00 AM – 10:00 AM *Coral Ballroom 4*

Moderators: Paggie Kim, MD & Bernadette Koch, MD

8:00 AM **Keynote Presentation: Neuro**

Rupa Radhakrishnan, MBBS, MS

8:20 AM **#125 | MRI Imaging Severity as a Prognostic Indicator in Pediatric Acute Necrotizing Encephalopathy**

Kiran Hilal, FCPS

8:30 AM **#126 | Post-radiation MR Imaging Features in Different Mutational Analyses in Pontine Pediatric Diffuse Midline Gliomas**

Vanessa Rameh, MD

8:40 AM **#127 | Ultrasound Localization Microscopy Detection of Microvascular Flow for Hypoxic-ischemic Injury Detection in a Porcine Extracorporeal Cardiopulmonary Resuscitation Model**

David Le, PhD

8:50 AM **#128 | Gestational PBDE Concentrations from Flame Retardants and Functional Connectivity in Adolescents**

Kim Cecil, PhD

9:00 AM **#129 | Image-based Search in Radiology: Identification of Brain Tumor Subtypes Within Databases Using MRI-Based Radiomic Features**

Nazanin Maleki, MD

9:10 AM **#130 | Improving Bone MRI with Deep Learning Enhanced Zero Sequences**

Alexander Philipp Thurnher

9:20 AM **#131 | Selection of Optimal TE to Accentuate Tissue and Vascular Contrast on T2* Weighted Images at 7T**

Fedel Machado Rivas, MD

9:30 AM **#132 | Wave Controlled Aliasing in Parallel Imaging Susceptibility Weighted Imaging (Wave-CAIPI SWI) Accelerates Pediatric Brain MRI at 1.5T and 3T with Comparable Image Quality**

Michael Guo

9:40 AM **#133 | Associations of Early Life Air Pollutants with Adolescent Neurochemistry**

Chloe Dunseath, BS

9:50 AM **#134 | Shape Features of Paediatric Head and Neck Rhabdomyosarcoma Can Predict Distant Metastasis Using Base Line Imaging**

Adarsh Ghosh, MD

Conference Tracks



Hybrid Sessions



General Sessions



AI Presentations



Non-CME Sessions



Scientific Sessions



Clinical Sessions



Non-Clinical Sessions

Program Schedule

XI-B: Scientific Session - GU

8:00 AM – 10:00 AM *Coral Ballroom 5*

Moderators: George Koberlein, MD & Viet Le, MD

8:00 AM **Keynote Presentation: GU**

Jeanne Chow, MD

8:20 AM **#135 | Association of Contrast-enhanced Ultrasound Perfusion Parameters with Histopathologic Findings in Pediatric Kidney Transplants**

Tatiana Morales-Tisnés, MD

8:30 AM **#136 | Evaluating Differential Renal Function: A Comparative Study of DCE-MRI and Tc-99m MAG-3 Renal Scintigraphy**

Valentina Ferrer Valencia, MD

8:40 AM **#137 | Renal and Bladder Ultrasound Findings in Children with First Febrile Urinary Tract Infection: Is the Juice Worth the Squeeze?**

Julian Lopez-Rippe, MD

8:50 AM **#138 | The Role of Contrast-enhanced Ultrasound (CEUS) in the Assessment of the Blunt Renal Trauma in Children**

Neda Akhoundi

9:00 AM **#139 | "Pseudomass" in Acute Scrotal Ultrasound: A Valuable Indicator of Early Testicular Torsion?**

Aashna Karbhari, MD

9:10 AM **#140 | Do We Image Too Much for Suspected Ovarian Torsion in the Pediatric Emergency Setting?**

Katie N. Epstein, MD

9:20 AM **#141 | Assessment of Ultrasound Ovarian-Adnexal Reporting & Data System (O-RADS) for Pediatric Patients**

Katie N. Epstein, MD

9:30 AM **#142 | Sonographic Features Associated With Tubal Torsion in Girls**

Julian Lopez-Rippe, MD

9:40 AM **#143 | Contrast Enhanced Colosonography: An Accurate Diagnostic and Surgical Planning Tool for Evaluation of Anorectal Malformations**

K. Nithin Vignesh, MD, MBA

9:50 AM **#144 | Assessing Focal Liver Lesions in Beckwith-Wiedemann Syndrome: Contrast-enhanced Ultrasound or MRI?**

Kassa Darge, MD, PhD



XI-C: Clinical Panel - How Should We Call the Volcano? AI Panel Pros and Cons: Effect on Education and Implementation (Hybrid Session)))
8:00 AM – 10:00 AM *Coral Ballroom 3*8:00 AM **AI & Radiology Education: Teaching AI Literacy to Trainees While Maintaining Traditional Skills****Moderators:** Michael L. Francavilla, MD & Smyrna Tuburan, MD**Panelists:** Katherine Barton, MD; Kiery A. Braithwaite, MD;

Janet R. Reid, MD, MSEd; Nabile Safdar, MD, MPH;

Lindsey Johnstone, MD, MS; Raymond W. Sze, MD

8:50 AM **Transition**9:00 AM **Real World AI Experience: Making it Happen****Moderators:** Sudhen B. Desai, MD & Vaz A. Zavaletta, MD, PhD**Panelists:** Lori L. Barr, MD; Charles W. Fry, MD; Morgan P. McBee, MD;

Andrew C. Sher, MD; Unni K. Udayasankar, MD; Jon Weber, MD

10:00 AM – 10:30 AM **Break, Coral Lounge**
XII-A: Scientific Session - IR
10:30 AM – 12:00 PM *Coral Ballroom 4***Moderators: Rachele Durand, DO & Michael J. Temple, MD**10:30 AM **Keynote Presentation: IR**

C. Matthew Hawkins, MD, MBA

10:50 AM **#145 | First-in-children Experience with a Novel Pediatric Ultrasound Guided Gastrostomy Method Using the PUMA-G Pediatric System**

Sean Schoeman, MBChB

11:00 AM **#146 | Feasibility and Safety of Ferrostatin-1 Targeted Delivery to the Brain Using Microbubbles**

Sophie Haddad, MD

11:10 AM **#147 | Float Like a Butterfly, Don't Sting Like a Bee: 10 Year Multidisciplinary Experience of Oesophageal Dilatation in 'Butterfly Children'**

Heena Chotai

11:20 AM **#148 | Safety and Efficacy of the Microwave Ablation of the Hepatic Tumor in Pediatric Patients**

Hasmukh Prajapati, MD, FSIR

11:30 AM **#149 | Engineering Ultrasound-modulated Theranostic Microbubbles for Pediatric Brain Injury**

Kathrine Curtin

11:40 AM **#150 | Image Guided Biopsy for Vascular Anomalies**

Salman Ahmed

11:50 AM **#151 | Dynamic Three-phase Spinal CT Angiography to Localize the Artery of Adamkiewicz: A Single-center Experience with a Large Pediatric Cohort**

Rajath Ramegowda, MBBS, MD

Conference Tracks


Hybrid Sessions



General Sessions



AI Presentations



Non-CME Sessions



Scientific Sessions



Clinical Sessions



Non-Clinical Sessions

Program Schedule

XII-B: Clinical Session - Waves Inciting Erosion: Mechanism of Injury (Hybrid Session))))

10:30 AM – 12:00 PM *Coral Ballroom 3*

Moderators: Kimberly A. Dannull, MD & Padma Rao, MBBS

10:30 AM **Shaking: Head/Spine Injury in NAT**
Anna K. Thomas, MD

10:45 AM **No No-No Foreign Body Ingestion**
Veronica J. Rooks, MD

11:00 AM **Fall on Outstretched Hand**
Eric L. Tung, MD

11:15 AM **Fall on Outstretched Leg**
Summer Kaplan, MD, MS

11:30 AM **Impact and Inhalation Chest Injury**
Ting Tao, MD, PhD

11:45 AM **High-impact Abdominal Trauma**
Michael Aquino, MD

XII-C: SPR Shark Tank (Non-CME)

10:30 AM – 11:15 AM *Coral Ballroom 5*

XII-C: SPR Research and Education Foundation Symposium (Non-CME)

11:15 AM – 12:00 PM *Coral Ballroom 5*

12:00 PM – 1:30 PM **Lunch on Your Own**

Early Career & Trainee Luncheon and Speed Mentoring (Non-CME)

12:00 PM – 1:15 PM *Lehua Suite*

XIII-A: Non-Clinical Session - Climbing Diamond Head: Personal and Organizational Success

1:30 PM – 3:30 PM *Coral Ballroom 5*

Moderators: Sarah Milla, MD & Desi Schiess, MD

1:30 PM **A Radiologist's Experiences with the C-Suite**
Jacqueline Urbine, MD, MBA

1:45 PM **Experience of CQO to Experience as a CQSO**
Eva I. Rubio, MD, MBA

2:00 PM **Simone's Maxims Revisited**
R. Paul Guillerman, MD

2:15 PM **Bringing Out the Best in People**
Brian D. Coley, MD

2:30 PM **Negotiation, Interdependence, and Conflict**
David Biko, MD, MBA

2:45 PM **How AI Can Make Us Better Radiologists**
Nabile Safdar, MD, MPH

3:00 PM **Leadership in Difficult Times**
Lane F. Donnelly, MD

3:15 PM **My Journey to Leadership**
Tina Young Poussaint, MD

Conference Tracks

-))) Hybrid Sessions ■ General Sessions ■ AI Presentations ■ Non-CME Sessions
■ Scientific Sessions ■ Clinical Sessions ■ Non-Clinical Sessions

XIII-B: Clinical Session - Hokua (Cresting Waves): Neuro ER (Hybrid Session)))1:30 PM – 3:30 PM *Coral Ballroom 3***Moderators: William T. O'Brien, DO & Ajay Taranath, MD**1:30 PM **Emergency Pediatric Head CT Imaging: Signs of Significance**
Mark Halverson, MD1:45 PM **Handle with Care: Emergency Pediatric Spine Imaging**
V. Michelle Silvera, MD2:00 PM **AI & Fast Imaging: The Future of Emergency Neuro Imaging**
Usha Nagaraj, MD2:15 PM **Neck Imaging: Abscess or Other?**
Luke Linscott, MD2:30 PM **Neurovascular Emergencies: CTA is the Way**
Susan Palasis, MD2:45 PM **Stat MRI: A First-Line Strategy for CNS Emergencies**
Yi Li, MD3:00 PM **Abusive Head Trauma: Reporting for Legal Ramifications**
David Mirsky, MD3:15 PM **Venous Pathology: The Road Less Traveled**
Anant Krishnan, MD**XIII-C: Clinical Session - Hokua (Cresting Waves): Cardiac and Thoracic**1:30 PM – 3:30 PM *Coral Ballroom 4***Moderators: Edward Y. Lee, MD, MPH & Lauren A. May, MD**1:30 PM **Advances in Vascular MR Angiography**
Siddharth Jadhav, MD1:45 PM **Post-treatment Lung Disorders**
HaiThuy N. Nguyen, MD2:00 PM **AI Lung Nodules and Beyond**
Aki Tanimoto, MD2:15 PM **Cardiovascular CT for Heartless Radiologists**
Mariangeles Medina Perez, MD2:30 PM **Hyperpolarized Gas MRI: Beyond the Hype**
Talissa Altes, MD2:45 PM **Update on Diffuse Lung Disease**
David A. Mong, MD3:00 PM **Eminence Based vs Evidence Based Thoracic Imaging**
Savvas Andronikou, MBBCh, PhD3:15 PM **TB or Not TB**
Bernard F. Laya, MD, MHM3:30 PM – 4:00 PM **Break**

Program Schedule

XIV-A: Non-Clinical Session - Lei-ing the Spirit: Art and Wellness

4:00 PM – 5:30 PM *Coral Ballroom 5*

Moderators: Nadia Mahmood, MD & Desi Schiess, MD

- | | |
|---------|-----------------------------------------------------------------------------------------------|
| 4:00 PM | Life Coaching
Kate M. Mangona, MD |
| 4:15 PM | The Art of Wealthiness: From Violin Etudes to Financial Aptitude
Victor Mangona, MD |
| 4:30 PM | Photography
Maresh Thapa, MD, MEd |
| 4:45 PM | Sculpture
Santiago Medina, MD, MPH |
| 5:00 PM | From the Depths of Debt
Grace S. Mitchell, MD, MBA |
| 5:15 PM | What Works and What Doesn't
Nadia Mahmood, MD |

XIV-B: Clinical Session - Pineapple Haven: Incidentalomas (Hybrid Session))))

4:00 PM - 5:30 PM *Coral Ballroom 3*

Moderators: Richard Barth, MD & David Perry, MD

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|---------|--------------------------------------|
| 4:00 PM | Fetal
Katie N. Epstein, MD |
| 4:15 PM | Chest
Sarah M. Desoky, MD |
| 4:30 PM | GI
Martha M. Munden, MD |
| 4:45 PM | GU
Erica Riedesel, MD |
| 5:00 PM | MSK
Hank Baskin, MD |
| 5:15 PM | Neuro
Nilesh Desai, MD |

XIV-C: Unknown Case Game - Dunes to Desolation: Too Much or Too Little

4:00 PM – 5:30 PM *Coral Ballroom 4*

Moderators: Laura L. Hayes, MD & Leann Linam, MD

- | | |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4:00 PM | Introduction
Laura L. Hayes, MD |
| 4:10 PM | Unknown Case Presenters
Michael Acord, MD; Govind B. Chavhan, MD;
Alexander M. El-Ali, MD; Stacey M. Elangovan, MD;
Samantha K. Gerrie, MD; Lindsay Griffin, MD;
Madhavi Jayachandra, MBBS, MD; Leann Linam, MD |

6:00 PM - 7:30 PM **Ho'olaule'a (Celebration) Reception, Village Green**

Conference Tracks

-))) Hybrid Sessions ■ General Sessions ■ AI Presentations ■ Non-CME Sessions
■ Scientific Sessions ■ Clinical Sessions ■ Non-Clinical Sessions

Friday, April 11

12:00 AM – 11:59 PM **Cases of the Day Online Activity**, *Online*

7:00 AM – 8:00 AM **Continental Breakfast**, *Coral Lounge*

7:00 AM – 12:00 PM **Registration**, *Coral Lounge*

XV-A: Non-Clinical Session - Aloha: Education, Communication and Professionalism

8:00 AM – 10:00 AM *Coral Ballroom 5*

Moderators: Aparna Joshi, MD & Ali Pourvaziri, MD, MPH

8:00 AM **Next Steps in Incorporating Med Students in Pediatric Radiology**

Amy R. Mehollin-Ray, MD

8:15 AM **Early Career Mentorship**

Alex Towbin, MD

8:30 AM **Mid-career Mentorship**

Andrea S. Doria, MD, PhD

8:45 AM **Giving and Receiving Feedback**

Mariana L. Meyers, MD

9:00 AM **Reflection on the Future of Leadership in Ped Rad**

Dorothy Bulas, MD

9:15 AM **Leadership: Good Tips from HBR**

Valerie L. Ward, MD, MPH

9:30 AM **The Latest in Transitioning from Peer Review to Peer Learning**

Tess Chapman, MD, MA

9:45 AM **Top Ten Hardest Things About Being a Chief**

Cynthia Rigsby, MD



Program Schedule

XV-B: Clinical Session - Hokua (Cresting Waves): GU

8:00 AM – 10:00 AM *Coral Ballroom 4*

Moderators: Maddy Artunduaga, MD & Hansel J. Otero, MD

8:00 AM **Imaging Updates in Kidney Transplants**
Hansel J. Otero, MD

8:15 AM **MRU: What the Urologist Needs to Know - Techniques and Updates**
Elizabeth R. Tang, MD

8:30 AM **Imaging in GU Trauma**
Emily Orscheln, MD

8:45 AM **NM What Does it Add to MRI**
Claire Gowdy, BMBS, MSc

9:00 AM **Do All Stones Shine? Nephrolithiasis by Ultrasound**
Jeffrey J. Tutman, MD

9:15 AM **AI - Kidneys**
Andrew D. Smith, MD, PhD

9:30 AM **Current IR Treatments for GU Pathology**
Janice D. McDaniel, MD, MBA

9:45 AM **3D Printing for Pediatric GU Disorders - Imaging Protocol, Practical Applications**
Susan J. Back, MD

Conference Tracks

-))) Hybrid Sessions ■ General Sessions ■ AI Presentations ■ Non-CME Sessions
■ Scientific Sessions ■ Clinical Sessions ■ Non-Clinical Sessions



XV-C: Clinical Session - Hokuia (Cresting Waves): MSK (Hybrid Session) »)8:00 AM – 10:00 AM *Coral Ballroom 3***Moderators: Kieran Frawley, MBBS & Delma Y. Jarrett, MD**8:00 AM **Image Guided Interventions**

Jesse Sandberg, MD

8:15 AM **Sports Medicine Imaging Update**

Jie C. Nguyen, MD, MS

8:30 AM **Synthetic CT and Deep-Learning MRI Reconstructions in Pediatric MSK**

Alejandra Bedoya, MD

8:45 AM **Rapid MSK MRI: Infection and Beyond**

Jonathan Samet, MD

9:00 AM **AI: My Vision of a Better Radiologist Eye for Orthopaedic Collaboration**

Herman Kan, MD

9:15 AM **Automating the Onerous: Bone Ages, Scoliosis, Leg Length and Alignment**

Andy Tsai, MD, PhD

9:30 AM **Dynamic US: From Slipping Ribs to Snapping Hips**

Nancy Chauvin, MD

9:45 AM **Game Changing Advances in Hip Dysplasia Screening**

Michael Fadell, MD

10:00 AM – 10:30 AM **Break, Coral Lounge**

Program Schedule

XVI-A: Non-Clinical Session - Aina (Land), Kai (Ocean) and Lewa (Sky): Sustainability in Pediatric Radiology

10:30 AM – 12:00 PM *Coral Ballroom 5*

Moderators: Lauren Averill, MD & Dorothy Bulas, MD

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|----------|------------------------------------------------------------------------------------------------------------------|
| 10:30 AM | What Does Sustainability Mean for the SPR
Michael J. Callahan, MD |
| 10:45 AM | Getting Away from Single Use Vials and Sustainability in Radiology Supplies
Victor J. Seghers, MD, PhD |
| 11:00 AM | Sustainability in Radiology Equipment
Christopher Newman, MD, PhD |
| 11:15 AM | Real Estate in Radiology: Room Occupancy Changes after COVID
Azam A. Eghbal, MD |
| 11:30 AM | Planetary Health: An Imperative for Pediatric Radiology
Neil U. Lall, MD |
| 11:45 AM | That's GROSS! Practical Steps Towards Sustainability in Pediatric Radiology
Helen Kim, MD |

XVI-B: Clinical Session - Riding the Waves of Change: Techniques (AI)

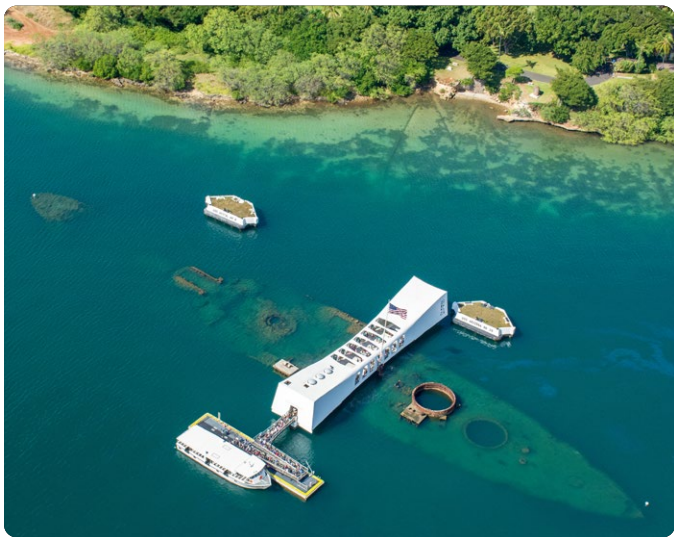
10:30 AM – 12:00 PM *Coral Ballroom 4*

Moderators: Eric S. Bih, MD & Ali B. Syed, MD

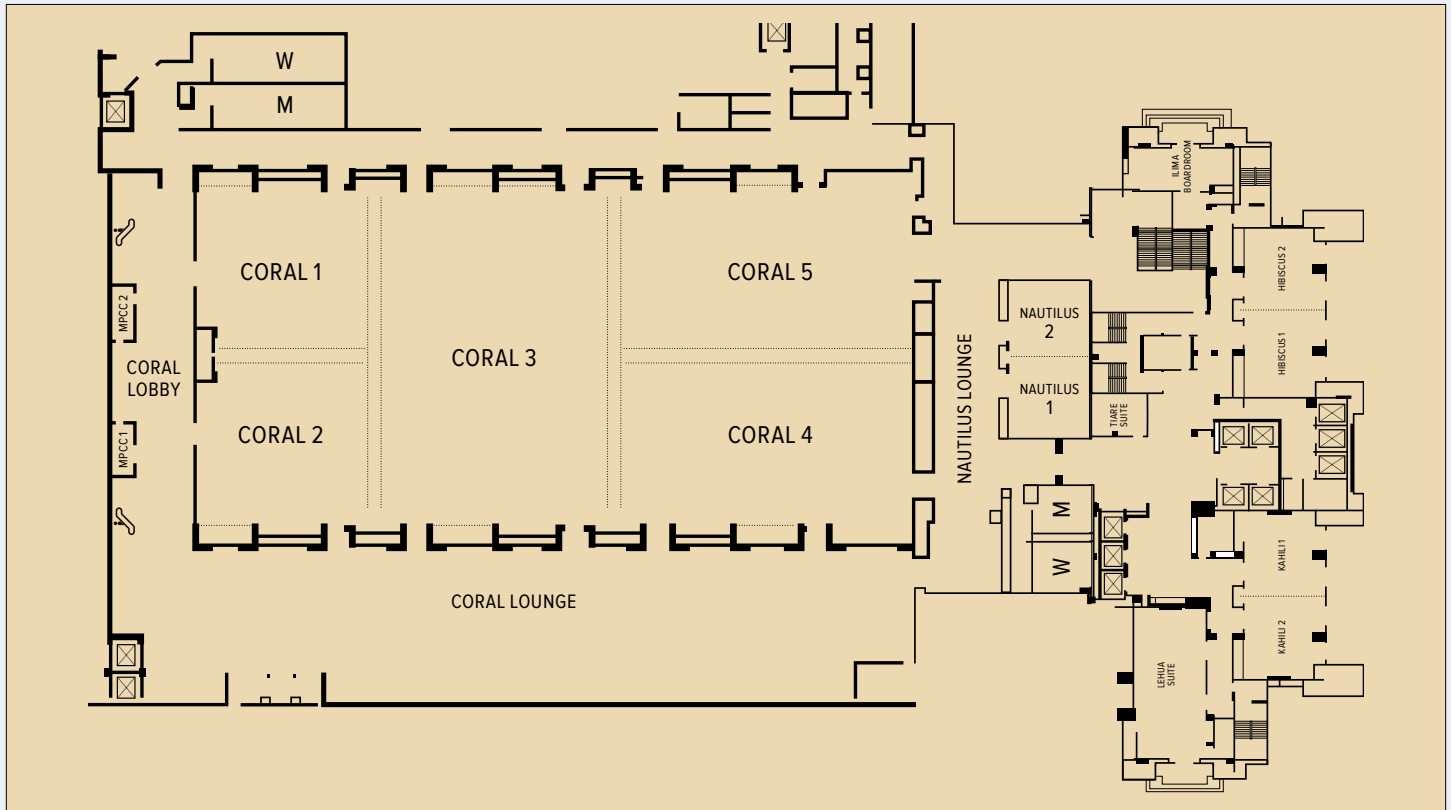
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|----------|-------------------------------------------------------------------------------------------------|
| 10:30 AM | Short Protocol PET/MRI: Experience in Management of Children with Tumors
Jing Qi, MD |
| 10:45 AM | AI in NM
Heike E. Daldrup-Link, MD, PhD |
| 11:00 AM | Use of Isosmotic Water Soluble Contrast
Steven J. Kraus, MD |
| 11:15 AM | Innovation in IR
John M. Racadio, MD |
| 11:30 AM | AI to Improve Image Quality in MR
Jade Iwasaka-Neder, MD, MPH |
| 11:45 AM | Photon Counting CT in the Pediatric Abdomen — What We Have Learned
Kelly K. Horst, MD |

Conference Tracks

-  Hybrid Sessions  General Sessions  AI Presentations  Non-CME Sessions
-  Scientific Sessions  Clinical Sessions  Non-Clinical Sessions

XVI-C: Clinical Session - Mahola! What You Knew Wasn't True (Hybrid Session)))10:30 AM – 12:00 PM *Coral Ballroom 3***Moderators: Susan D. John, MD & Summer Kaplan, MD, MS**10:30 AM **Neonatal Intracranial Hemorrhage: When Grading is Not Enough**
Monica Epelman, MD10:45 AM **When is Pneumatosis Not NEC?**
Alan Daneman, MBChB11:00 AM **Childhood Renal Cysts Are Not Just Small Adult Renal Cysts**
Maddy Artunduaga, MD11:15 AM **Can We See Without IV? Imaging Neoplasms Without Contrast**
Adina Alazraki, MD11:30 AM **Delayed Reduction of Intussusception**
Jorge Delgado, MD11:45 AM **What You Know IS True: Key Learning From *Pediatric Radiology Journal***
Geetika Khanna, MD, MS12:00 PM – 1:00 PM **Adjourn**

Mid-Pacific Conference Center





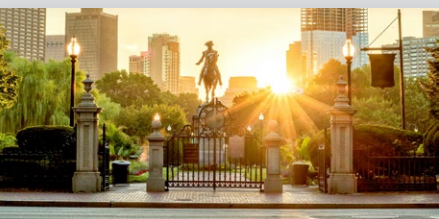


Upcoming Courses & Annual Meetings



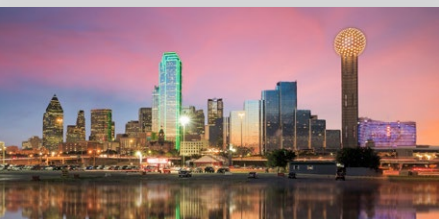
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