RSNA 2022 - 108th Scientific Assembly and Annual Meeting Award Winners

**Magna Cum Laude**

**BREE-2**
Serving the Underserved: A Safety-net Framework to Provide High-quality, Comprehensive and Culturally Competent Breast Imaging Care
Becket Breye Ocran, MD

**BREE-81**
Imaging the Male Breast: Grossanomalies, Male Breast Cancer, and Beyond
Heather Nicole Duke, MD

**CAEE-27**
Cutting the edge of HCM: Tailored Planning of Surgical Myectomy in Obstructive Hypertrophic Cardiomyopathy
Sanjayak Lee, MD

**CHEE-28**
Going with the Flow: Understanding myopathy

**CHEE-68**
From Lines & Stripes to Cubes & Cylinders: A 3D Visual Guide to Imaging Characteristics and Mimics

**CHEE-102**
3D Printing in Cardiovascular Disease: A Skills-based Approach

**GIEE-171**
Diagnoses to Know for Call Trainees: Anatomy, How to Scan and Basics of RUQ Ultrasound for Emergency Radiology Biases

**GIEE-46**
Reporting Guidance for Interpretation and Liver MR Elastography: Practical Lessons Learned

**GIEE-115**
Intra-arterial Ostial Osteomas: Imaging Characteristics and Mimics

**GIEE-13**
The Many Faces of Triple Negative Breast Cancer

**GIEE-51**
You’ve Got a Friend in Me: How Radiologists Can Help Patients and Multidisciplinary Colleagues in the Diagnosis and Management of Fibroskeletal Lesions

**GIEE-7**
Cardiac Findings Detectable on Non-Gated CT: What the Emergency Radiologist Needs to Know

**GIEE-80**
LR-M in LI-RADS v2018: Non-HCC malignancies and Atypical HCC

**GIEE-29**
Cruisin’ the Lumen: Fluoroscopic Evaluation of Normal and Abnormal Gastrintestinal Tract Luminar Anatomy in the Postoperative Setting

**GIEE-32**
The Many Faces of Triple Negative Breast Cancer

**GIEE-44**
Posttreatment Challenges in Rectal Cancer: Anatomic Basis of Rectal Cancer Staging: Clarifying Controversies and Confusion

**GIEE-47**
Understanding and Mitigating Bias in Artificial Intelligence

**GIEE-55**
Arterial Fistula Nodular Hyperplasia: Don’t Let It Fool You

**GIEE-22**
Posttreatment Challenges in Rectal Cancer MRI: A Systematic Approach

**GIEE-23**
Staging From the Artery to the Vein: New Insights into the Management of Pelvic Floor Repair

**GIEE-159**
Distinguishing Fraternal Twins on Chest Radiograph: Primer for Residents

**GIEE-131**
Basics of RUQ ultrasound for Trauma: Anatomy, how to scan and diagnoses to know for call

**GUEE-4**
MR Imaging of Postoperative Endometriosis

**GUEE-16**
Post-treatment Head and Neck Cancer Imaging: Anatomical Considerations Based on Cancer Subsites

**GUEE-27**
Natural Language Processing in Radiology: State of the Art and Future Directions

**GUEE-3**
Dynamic Chest Radiography for Pulmonary Vascular Diseases: Clinical Applications and Correlation with Other Imaging Modalities

**GUEE-44**
Interventional Approach to the Interventional Approach to the

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Cruisin’ the Lumen: Fluoroscopic Evaluation of Normal and Abnormal Gastrintestinal Tract Luminar Anatomy in the Postoperative Setting

**HIEE-32**
Clinical Impact of MR Bone Imaging on Head and Neck Diseases

**HIEE-44**
Interventional Approach to the Cancer Pain Patient: A Case-Based Review

**HIEE-47**
Techniques for TGUS: How to Scan and How to Avoid Mis-scans

**HIEE-159**
Distinguishing Fraternal Twins on Chest Radiograph: Primer for Residents

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Clinical Impact of MR Bone Imaging on Head and Neck Diseases

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**HNEE-35**
Clinical Impact of MR Bone Imaging on Head and Neck Diseases

**HNEE-47**
Understanding and Mitigating Bias in Artificial Intelligence

**IREE-47**
Advanced Imaging of Head and Neck Infection

**IREE-49**
Advanced Imaging of Head and Neck Infection

**IREE-60**
Understanding and Mitigating Bias in Artificial Intelligence

**IREE-41**
Artificial Intelligence in Radiology: From the ART of ARRIVAL to the ART of ARRIVAL

**INSEE-47**
Understanding and Mitigating Bias in Artificial Intelligence

**MEE-121**
Talk to the Hand - Ultrasound evaluation of Tendon, Ligament, and Support Structure Injury in the Hand with MRI Correlation

**MEE-129**
The Improved Rotator Cuff: Normal and Abnormal Appearance with Focus on US and MRI

**MEE-58**
Spondylarthropathy (SpA): A Practical Imaging Diagnostic Approach and Current Definitions

**MEE-37**
Multimodality Imaging in Metabolic Syndromes: A State-of-the-Art Review

**MEE-74**
Don’t Overlook the Skin! Multimodality Imaging of Skin & Subcutaneous Malignancies with Radiology-Pathology Correlation

**MME-64**
A Color Doppler Picture is Worth a Thousand Words

**MGE-3**
Cranial Nerve Paresis: A Rare Presentation of an Usual Lesion

**MMEE-22**
Deep Brain Stimulation (DBS) - Pre and Post Operative Imaging, From Adequate Nucleus and Fiber Tract Localization to Electrode Misplacement

**MME-9**
Cranial Nerve-Related Lesions: A Rare Presentation of an Usual Lesion

**MME-112**
Soft Tissue Tumors: What to Include in the Report - A Primer for General Radiologists

**NIEE-47**
Spondylarthropathy (SpA): A Practical Imaging Diagnostic Approach and Current Definitions

**NMMIEE-23**
Presentation of an Usual Lesion

**NREE-3**
Clinical And Radiological Features Of Hepatocellular Carcinoma: An Update in The Era Of Systemic Therapy

**NREE-22**
Adequate Nucleus and Fiber Tract Localization to Electrode Misplacement

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The Many Faces of Triple Negative Breast Cancer
In the field of radiology, various developments and innovations are continually being made. For instance, the development of AI in radiology is a significant area of research. AI can be used to improve the speed and accuracy of diagnostic imaging, as well as to assist in the management of patients. One recent development is the use of DECT in the emergency room to evaluate diabetic foot ulcers.

In the realm of musculoskeletal radiology, there are several important advancements. For example, the use of advanced imaging techniques such as diffusion-weighted imaging (DWI) and magnetic resonance imaging (MRI) can be used to diagnose and manage various conditions, including musculoskeletal tumors and infections.

In addition, there are ongoing efforts to improve the accuracy of diagnostic imaging. For example, the use of machine learning algorithms can be used to improve the accuracy of imaging results, as well as to identify patterns and trends in imaging data.

Overall, the field of radiology continues to evolve, with new technologies and techniques being developed to improve the accuracy and efficiency of diagnostic imaging. These advancements will likely continue to have a significant impact on the practice of medicine in the years to come.
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Image Quality Improvement of Digital Mammography: Using an Artificial Intelligent Real Time Management System Ying Guo

S3A-QI-6
Imaging in the Head and Neck: What is Normal and What is Not Maria Cecilia Cortes Albornoz, MD

S3A-QI-7
Using Bunker shifts alleviates Time for Urgent/STAT Inpatient Imaging Program: the American College of Radiology Experience Andrew Schneider, MD, MPH

VAEE-9
Clinical Implementation of an AI-driven Lung Nodule Algorithm QA Project in the ED Setting Irene Deo de Oliveira Santos, MD

VAEE-5
Vascular Ultrasound: A Primer on Arterial and Venous Doppler Waves, Interpretation, and Standardized Nomenclature Min Gyu Noh, MD

VAEE-4
Phenotypic Diversity of Intravascular Mesenchymal Tumors and Visceral Mesenchymal Tumors with Angiogenesis: Cross-sectional Imaging Spectrum Ajaykumar Chandralal Morani, MD

Quality Improvement Report Awards

M2-QI-3
Image Quality Improvement of Digital Mammography: Using an Artificial Intelligent Real Time Manage System Ying Guo

M2-QI-4
Improving Order to Completion Time for Urgent/STAT Inpatient Imaging and ED Pediatric MRI’s Requiring Anesthesia/Sedation Jay Kwan Pukale, MD

S3A-QI-4
Untangling the Spaghetti: Improving Retrieval Time for CT Supplies Using S5 Theresia Sinha Pham, MD, BS

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3D Printed Models for Pre-surgical Planning: What the Surgeon Wants to Know and Touch Eric Cooper

MSEE-69
Multimodality Imaging of Adenoid Cystic Carcinoma With Emphasis on PET/CT Ba Duong Nguyen, MD

MSEE-49
Obstetric Ultrasound: Imaging Pearls for Post-Operative Complications in Simultaneous Lico-Kidney Transplant Tejal Patel, MD

NREE-34
Neurosurgical Aspects of Craniofacial Anomalies: The Pathologist’s Perspective Ulrike C. Brehm, MD

NREE-33
Pediatric Imaging Pearls in the Pediatric Patient: What the Radiologist Needs to Know Reesa Salmen, MD, MPH

NREE-32
Imaging for Post-Operative Complications in Simultaneous Lico-Kidney Transplant Eric Cooper

NPMEE-32
Constructing Clinically Relevant, Indication Driven Reports: An Institutional Web-Based Platform for Musculoskeletal Radiography Reference Materials Blake-Ann Bartlofenon, MD

NPMEE-20
MRI Safety of Commonly Used Implants and Devices: What the Radiologist Needs to Know Vick H. Buijning, MD, MBAB, MBALS

NREE-104
Do Not Touch Lesions in Neuro-imaging Joshua L. Lipman, MD

NREE-117
Reversible Cerebral Vasospasm Syndrome: Learning Methods - How to Tighten the Mind Elizabete M. Malta, MD, PhD

NREE-119
CT Myelography: From Technical Aspects to Image Evaluation Thierry Cendron de Macedo Pontes, MD

NREE-122
Pearls and Pitfalls of Diagnosing Spinal Cord Abnormalities: Emphasis in Patterns in T2-, Postcontrast T1- and Diffusion-Weighted Images Marko Karkovina, MD

NREE-115
Cervical Lesions of Chiasmatic Hypothalamic Region: A Case Based Approach Virginia Rohena-Fernandez Sinonmini, MD

NREE-2
Photo-counting CT Applications in Neuroradiology Fidel Sch髑ter, MD

NREE-29
One Side at a Time - Unilateral and Asymmetric Controversial Lesions Sanjay Sapan Barve, MD

NREE-28
Neuropathology of Neurodegenerative Diseases: Pathophysiology and Neuroimaging Features Ron Karras, MD, PhD, FACP

NREE-27
Learning from Machines: A Resident’s Guide to AI Mistakes in Neuroradiology and What Residents Can Learn From Them Austin Irving

NREE-16
The path to mr expertise in endometriosis - correlation of mr cases with videohysteroscopy Alan Dico Hormis, DO

FIS-35
1D & Fast MRI: Optimization of Pelvis MRI Pulse Sequences in Gynecologic Imaging Rebecca Rakows-Penner, MD, PhD

FIS-2
How to Start an Endometriosis Imaging Program: the American Experience Leah Xia, MD

FIS-22
It’s Not All About the Bump: Imaging of the Adnexa During Pregnancy Catherine Renee Phillips, MD

FIS-24
The rilie focos: from a new perspective Giovanna Andreucci, MD

FIS-25
Peritoneum and Parietal Peritoneum Histology Nicole Maria Hoshman, DO

FIS-3
How to Improve Your Routine Transvaginal Ultrasound for Detection of Endometriosis - A Practical Guide for General Radiologists Luciana Paroshicz, MD, PA-C

FIS-7
Douching Problems: Troubleshooting Tips for Complete Total Gutters Urbanization Malformations April 1, 1949, Griffith, MD

POD-12
MR Insights into Fetal Brain Development: What is Normal and What is Not Maria Cecilia Cortes Albornoz, MD

POD-20
Staging and Restaging Pediatric Abdominal Tumors: A Practical Guide Luna Leitao de Faria, MD

POD-10
RASopathies for Radiologists: Familiarizing Radiologists With the Common Genetic Thread Linking Diseases of the Ras/MAPK Signaling Pathway Ashwini Hande, MD

POD-24
Imaging in Hemisplenic: Role in Ultrasound in Assessment and Surveillance of Grazes and Fistulas Irene Deo de Oliveira Santos, MD

POD-33
Penile by the Sex: Radiologic Manifestations of Childhood Related Injuries and Disorders in Pediatric Patients Anna Katheryn Fairfax, BS, MD

POD-34
Infantile Hemangiomata Pitfalls: Clinical and Radiological Evaluation Emilio Inarejos Clemente, MD

POD-48
Vertebral Artery Dissection in Children Stephen Brest Little, MD

POD-49
Imaging Diagnosis of Hydropsphero- and Ventricular Enlargement in Fetuses and Children Barnava Maro, MD

POD-50
Neuroimaging of Neonatal Stroke: Venous Fissures Lillian Mae Lee, MD

POD-58
Retrosternosclerotic Standardized Imaging Protocols and Reports With Relevance to Current Staging and Treatment Vick H. Buijning, MD, MBAB, MBALS

POD-15
ACR CT Accreditation Testing and Routine Quality Control for Clinical Photon-Counting Detector C1: Practical Tips and Tricks Michael Robert Brunetté, RN

POD-54
Safety Imaging Patients Impacted with MRI Conditional, Non-conditional, and Other Active Devices Matthew L. Harwood, MD

POD-16
Chemoradiation Complications in the Head and Neck: What the Oncologist Wants to Know Cameron J. Overfield, MD

VAEE-11
US Of the Hemorrhagic Patient: Mapping For Surgical And Percutaneous AVE, Grazes, and Postoperative US Evaluation, with Angiographic Correlation Kedar Gopal Sharbidre, MD

VAEE-24
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