

# 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

Berat Bersu Ozcan, MD

### BREE-89

Imaging the Male Breast: Gynecomastia, 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

Sunhyang Lee, MD

### CHEE-28

Going with the Flow: Understanding Flow Artifacts

Caroline Robb, MD

### CHEE-42

Distinguishing Fraternal Twins on Chest Radiograph: Primer for Residents

Kaitlin Marie Gibson, MD

### EREE-23

Confronting and Overcoming Emergency Radiology Biases

Se-Young Yoon, MD

### GIEE-171

Basics of RUQ Ultrasound for Trainees: Anatomy, How to Scan and Diagnoses to Know for Call

Gail Stanton, MD

### GIEE-46

Mimickers of Pancreatic Cancer: Lessons Learned

Camila Lopes Vendrami, MD

### GIEE-47

Liver MR Elastography: Practical Guidance for Interpretation and Reporting

Guilherme Moura Cunha, MD

### GUEE-4

MR Imaging of Postoperative Endometriosis

Patricia Perola Dantas, MD

### HNEE-16

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

Takashi Hiyama, MD, PhD

### INEE-27

Natural Language Processing in Radiology: State of the Art and Future Directions

Pratheek Bobba, BS

### IREE-77

Intra-arterial Treatment for Hepatocellular Carcinomas: How to Manage Shunting From the Artery

Hyo-Cheol Kim, MD

### MKEE-3

Radial Tunnel Anatomy in Supination and Pronation: Guidance for Imaging Interpretation and Interventional Procedures

Aurea Valeria Rosa Mohana-Borges, MD, MSc

### MKEE-73

Normal and Abnormal MRI of the CapsuloLabral Complex of the Hip

Dyan Vallejo Flores, MD

### MSEE-76

What's New in Pathogenesis, Imaging Findings, Prevention, and Management of Human Papillomavirus (HPV)-Related Malignancies? 2022 Update

Sammar Ghannam, MD, MPH

### NREE-3

Clinical Applications of MR Spectroscopy in the Era of Molecular and Genetic Diagnosis and Treatment

Mariko Kurokawa, MD

### NREE-54

Amide Proton Transfer Weighted Imaging (APTwi) in Brain Tumors: A Pictorial Review

Guillaume Hamon, MD

### OBEE-21

You should not pass: Simplifying MR Defecography

Brenda Hernandes dos Santos Teixeira, MD

### PDEE-37

Intra-articular Osteoid Osteomas: Imaging Characteristics and Mimickers

Jade Iwasaka-Neder, MD

## Cum Laude

### BREE-1

Imaging and Management of High-Risk Breast Lesions: An Update of Current Evidence

Richard Earnest Sharpe, MD, MBA

### BREE-32

The Many Faces of Triple Negative Breast Cancer

Beatriz E. Adrada, MD

### BREE-51

You've Got a Friend in Me: How Radiologists Can Help Patients and Multidisciplinary Colleagues in the Diagnosis and Management of Fibroepithelial Lesions

Jody Coleman Hayes, BS, MD

### BREE-95

Case-based Review of Contrast-enhanced Mammograms: False Positives and False Negatives with Strategies to Improve Cancer Detection and Staging

Molly Carnahan, MD

### CAEE-13

3D Printing in Cardiovascular Diseases: State-of-the-Art

Prabhakar Rajiah, MD, FRCP

### CAEE-3

Unraveling the Mysteries of Congenital Heart Disease: A Skills-based Approach

Shravan Sridhar, MD, MS

### CHEE-24

Spectral CT in Cardiothoracic Imaging: Potential Applications that Radiologists Should Know

Flavio Zuccarino, MD

### CHEE-30

Developments in Lung Cancer - What Radiologists Should Know About the WHO Classification Updates and Developments in Molecular Biology Research

Tomoaki Sasaki, MD

### CHEE-66

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

Yuzo Yamasaki, MD, PhD

### CHEE-68

From Lines & Stripes to Cubes & Cylinders: A 3D Visual Guide to Conventional Chest Radiography

Albert Dongzhou Jiao, MD

### EREE-4

Revised American Association for the Surgery of Trauma (AAST) Scales

Irene Dixe de Oliveira Santo, MD

### EREE-7

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

Dana Corinna Galvan, MD

### GIEE-115

Clinical And Radiological Features Of Hepatocellular Carcinoma: An Update In The Era Of Systemic Therapy

Mariko Irizato

### GIEE-13

Anatomic Basis of Rectal Cancer Staging: Clarifying Controversies and Confusion

Muhammad Osama Awiwi, MD

### GIEE-159

Atypical Focal Nodular Hyperplasia: Don't Let It Fool You

Brendan Michael O'Connor, MD

### GIEE-22

Posttreatment Challenges in Rectal Cancer MRI: A Systematic Approach

Lucas Roberto Leles Botelho De Oliveira, MD

### GIEE-29

Cruisin' the Lumen: Fluoroscopic Evaluation of Normal and Abnormal Gastrointestinal Tract Luminal Anatomy in the Postoperative Setting

Sonia Gaur, MD

### GIEE-80

LR-M in LI-RADS v2018: Non-HCC Malignancies and Atypical HCC

Tatsuyuki Tonan, MD

### GUEE-1

Imaging of Perirenal Retroperitoneal Lymphatic Systems: Anatomy, Function and Conditions

Hiroaki Takahashi, MD, PhD

### GUEE-3

"Mesh Mash"- Multimodality Imaging of Pelvic Floor Repair

Kanupriya Vijay, MBBS, MD

### HNEE-32

Clinical Impact of MR Bone Imaging on Head and Neck Diseases

Miho Gomyo

### HNEE-46

Advanced Imaging of Head and Neck Infection

Akira Baba

### INEE-47

Understanding and Mitigating Bias in Artificial Intelligence

Ali Shah Tejani, MD

### IREE-44

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

Omar Ali, BS

### IREE-47

Fistula Fix: Maturation, Maintenance, and De-Clots

Anne Sailer, MD

### MKEE-102

3T Magnetic Resonance Neurography - From Head to Toe!

Flavia Martins Costa, MD, PhD

### MKEE-112

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

Geoffrey M. Riley, MD

### MKEE-121

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

Peter Thomas Hoeksema, MD

### MKEE-129

The Repaired Rotator Cuff: Normal and Abnormal Appearance with Focus on US and MRI

Paola Cecy Kuenzer Goes, MD

### MKEE-58

Spondylarthritis (SpA): A Practical Imaging Diagnostic Approach and Current Definitions

Damaris Versiani Goncalves, MD

### MSEE-37

Multimodality Imaging in Metabolic Syndrome: A State-of-the-Art Review

Prabhakar Rajiah, MD, FRCP

### MSEE-74

Don't Overlook the Skin! Multimodality Imaging Review of Skin & Subcutaneous Malignancies with Radiology-Pathology Correlation

Priya Omprakash Pathak, MBBS, MD

### NMMIEE-23

Added Value of FDG-PET/MRI in Gynecologic Oncology: A Pictorial Review

Malak Itani, MD

### NPMEE-16

A Color Doppler Picture is Worth a Thousand Words

Sinan Ali Bana, MD

### NREE-1

Cranial Nerves Cavernoma: A Rare Presentation of an Usual Lesion

Danielly Viana Monteiro Santos

### NREE-22

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

Leandro Weber Souza, MD



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**What Can Go Wrong? Advanced Imaging of Malformation of Cortical Development**

*Julia Martins Brunelli, MD*

**NREE-90**  
**Retinoblastoma: Beyond What the Eyes Can See**

*Taisa Melo Guarilha, MD*

**OBEE-36**  
**Imaging of Female Pelvic Masses of Unknown Origin: Tips and Tricks**

*Francesca Rosa, MD*

**OBEE-8**  
**Pain Points: Making Sense of Pelvic Nerves Involved with Endometriosis and Chronic Pain**

*Ceylan Colak, MD*

**PDEE-1**  
**Cardiac and Pericardial Neoplasm in Children: Radiologic-Pathologic Correlation**

*Medina Perez, MD*

**PDEE-14**  
**Cancer Therapy-Related Hepatic Injury In Children: An Imaging Review From the Pediatric LI-RADS Workgroup**

*Cara Elizabeth Morin, PhD*

**VAEE-10**  
**Applications of 4D Flow MRI from Head to Toe**

*Prabhakar Rajiah, MD, FRCR*

**Certificate of Merit**

**BREE-104**  
**The Myriad of High Risk Breast Lesions: Review of Radiographic and Histologic Features and their Challenging Management**

*Saba Naamo, MD*

**BREE-105**  
**Implementation of Synthetic Mammography: Benefits, Drawbacks, and Pitfalls**

*Sona Ajit Chikarmane, MD*

**BREE-112**  
**Looking Through BI-RADS Terminology for Contrast-Enhanced Mammography - An Updated Guide to Understand CEM Supplement**

*Diana Maria Galvis Zambrano, BSc, MD*

**BREE-132**  
**Non-mass Lesion on Ultrasound - The New Finding to Incorporate**

*Karen Natali Mena Moreno, MD*

**BREE-15**  
**Problem-Solving Breast MRI**

*Beatriu Reig, MD, MPH*

**BREE-17**  
**Anatomical Approach for the Imaging and Diagnosis of Nipple Areolar Complex Abnormalities**

*Claudia Cotes, MD*

**BREE-26**  
**Rare Beauty in the Breast: Introduction to Unusual Breast Lesions**

*Hee Jung Choi, MD*

**BREE-27**  
**I Am Not Who You Think I Am: Benign Mimics of Breast Malignancy with Multimodality and Pathologic Correlation**

*Toma Omofoye, MD*

**BREE-31**  
**Breast Imaging and Intervention During Pregnancy and Lactation**

*Amy Marie Fowler, MD, PhD*

**BREE-36**  
**Histological Special Types of Breast Cancer - How Special Are They? A Pictorial Essay**

*Karina Pesce, MD*

**BREE-43**  
**Breast Cancer Recurrence: Multimodality Imaging in Patients Undergoing Breast Conservation Treatment**

*Miral Mahesh Patel, MD*

**BREE-47**  
**There is More to the Breast than Cancer - A Pictorial Case-based Quiz and Review of Rare Benign Breast Lesions**

*Ines Alonso Sanchez, MD*

**BREE-54**  
**How To Report a Contrast Enhanced Mammography (CEM) Study - An Illustrated and Practical Review of BIRADS 2022 Supplement for CEM**

*Rosa M. Lorente-Ramos, MD, PhD*

**BREE-63**  
**Evolving Role of Nuclear Medicine and Molecular Imaging in Breast Cancer - A Case-based Multimodality Pictorial Review with Teaching Pearls**

*Fatima Elahi, DO*

**BREE-7**  
**Abdominopelvic Manifestations of Metastatic Breast Cancer and Treatment-Related Complications**

*Annie Rhee, MD*

**BREE-76**  
**Don't Forget the Pec! A Case-based Review of Pectoral Muscle Abnormalities on Breast Imaging**

*Almir Bitencourt, MD, PhD*

**BREE-8**  
**Pearls and Pitfalls of Automated Breast Ultrasound Interpretation**

*Ashley Inciardi Huppe, MD*

**BREE-81**  
**All That Glitters is Not Gold - Malignant Breast Lesions with Hyperintense Signal on T2**

*Marina Santos*

**BREE-98**  
**All Roads Lead to Rome: Multimodality Imaging of Benign and Malignant Pathologies of the Nipple Areolar Complex**

*Mary Saber Guirguis, MD*

**BREE-99**  
**Multimodality Imaging of Post-mastectomy Breast Reconstruction Techniques and Complications**

*Faezeh Sodagari MD*

**CAEE-2**  
**Taking It to the Next Level - What's New with CAD-RADS 2022**

*Arzu Canan, MD*

**CAEE-25**  
**State of the Art Cardiac MR Imaging of Ischemic Heart Disease**

*Felipe Antonio Sanchez, MD*

**CAEE-26**  
**Arrhythmogenic Cardiomyopathies: What the Imager Should Know**

*Mauricio Stanzione Galizia, MD*

**CAEE-32**  
**What Hides in the Epicardial Space? Differential Diagnosis of Epicardial Masses**

*Adria Roset Altadill, MD*

**CAEE-36**  
**Multimodality Imaging of Atrioventricular Groove Masses - Diagnostic Approach**

*Prabhakar Rajiah, MD, FRCR*

**CAEE-38**  
**Multimodality Imaging of Valvular Infections**

*Jordi Broncano, MD*

**CAEE-42**  
**Out on the Road: Revisiting Coronary Artery Anomalies**

*Lucas Farias, MD*

**CAEE-5**  
**State of the Art Imaging in Surveillance of Repaired Tetralogy of Fallot: Imaging in Therapeutic Planning and Risk Assessment**

*Yoshiaki Ota, MD*

**CAEE-61**  
**Imaging of Acute and Chronic Cardiac Complications of COVID-19**

*Felipe Antonio Sanchez, MD*

**CHEE-1**  
**Postoperative Chest Imaging Findings: Pearls and Pitfalls**

*Sofia Ventura- Diaz, MD*

**CHEE-104**  
**Read Like A Pro: Tips and Tricks to Interpret Like a Cardiothoracic Radiologist**

*Melissa Carroll, MD*

**CHEE-11**  
**From Gemcitabine, through Checkpoint Inhibitors to CAR T Cell - Evolution of Managing Treatment Related Pneumonitis in Cancer: Beyond Diagnosis**

*Kaustav Bera, MD*

**CHEE-111**  
**Bronchoscopic Lung Volume Reduction: Pre and Post Procedure Imaging Assessment**

*Daniel B. Green, MD*

**CHEE-115**  
**Pulmonary Manifestations of IgG4 Related Disease**

*Carlos S. Restrepo, MD*

**CHEE-12**  
**Pulmonary Ablation: From Techniques to Complications**

*Jose Guilherme Maluf, MD, MD*

**CHEE-122**  
**CT in Acute Pulmonary Embolism: Filling Defects and Beyond**

*Kaustav Bera, MD*

**CHEE-123**  
**Spectrum of Pulmonary Aspergillosis**

*Gerald Matthew Hefferman, MD*

**CHEE-14**  
**Uncommon Non-thromboembolic Conditions Affecting the Pulmonary Vasculature - Beyond Thromboembolism**

*Helena Peris, MD*

**CHEE-19**  
**A Primer for Diagnostic Imaging of Thymus - From Age Related Changes to Thymic Tumors and Everything in Between**

*Daisuke Yamada, MD*

**CHEE-25**  
**Don't Touch the Animals: Chest Radiologists View- Zoonoses**

*Hannah Hodges, MD*

**CHEE-26**  
**Pitfalls in Thymic Imaging**

*Maximiliano Klug, MD*

**CHEE-33**  
**Photon-Counting CT in Chest Applications**

*Fides Schwartz, MD*

**CHEE-39**  
**Breast Implants in Chest CT: What Can We See?**

*Vinicius Nobre, MD*

**CHEE-61**  
**Air trapping in Diffuse Lung Diseases: An Imaging Approach to the Differential Diagnosis with Pathologic Correlation (Mechanisms and Imaging Clues)**

*Tomas C. Franquet, MD, PhD*

**CHEE-75**  
**Pearls and Pitfalls in Pulmonary Vascular Disease**

*Furkan Ufuk, MD*





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*Flavio Zuccarino, MD*

**CHEE-90**  
A Pictorial Review of Pleural Disease: Multimodality Imaging and Differential Diagnosis  
*Aya Yamada*

**CHEE-92**  
The Nerve of Some Chest Diseases: Conditions affecting the Thorax and Nervous System  
*Girish S. Shroff, MD*

**EREE-12**  
Automated CT Perfusion (CTP) interpretation in Acute Stroke: Primer for On-call Radiologist  
*Ashlesha Satish Udare, MBBS, MD*

**EREE-13**  
Empysematous Osteomyelitis: A Review of Imaging Features and Pitfalls for the Emergency Radiologist to Avoid  
*Kush Purohit, MD, MS*

**EREE-24**  
An Approach to Acute Traumatic and Non-traumatic Diaphragmatic Abnormalities  
*Nicolas Murray, MD, FRCPC*

**EREE-25**  
CT of Blunt Acute Thoracic Aortic Injury: A Primer for Diagnostic Radiologists  
*Alok Kumar Mittal, MBBS, MD*

**EREE-28**  
CT Evaluation of Abdominal Emergencies in Oncologic Patients  
*Joon-II Choi, MD, PhD*

**EREE-33**  
Pancreatic Trauma: Imaging and Illustrations of a Fragile Organ  
*Ali Haydar Baykan, MD*

**EREE-41**  
Pearls and Pitfalls in postmortem imaging: Dead Men Do Tell Tales  
*Yohei Ikebe, MD, PhD*

**GIEE-100**  
Gastrointestinal Neuroendocrine Neoplasms on Multimodality Imaging With Emphasis on Dynamic CT: Case Review with Radiology Pathology Correlation  
*Nobuyuki Takeyama, MD*

**GIEE-101**  
Anal Cancer Imaging: What We Know and What is On The Horizon  
*Jessica Lemos Leite Gomes, MD*

**GIEE-107**  
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*Amelia Kernizan, MD*

**GIEE-114**  
Simplified Approach to Lateral Pelvic Nodes in Rectal Cancer Addressing Controversies, Categorization and Involvement  
*Harmeet Kaur, MD*

**GIEE-126**  
Post-operative Abdominal Complications Following Colorectal Surgery on CT: Pearls and Pitfalls  
*Deevia Kotecha, MBChB, BSc*

**GIEE-133**  
Hepatic Hydatid Disease: Typical and Atypical Imaging Features with Clinical Correlation and Impact on Management  
*Mohamed Ibrahim, MBChB*

**GIEE-136**  
Peritoneal MRI: Dedicated Protocol, Tips and Tricks  
*Anais Delagnes*

**GIEE-148**  
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*Lucas Roberto Leles Botelho De Oliveira, MD*

**GIEE-15**  
Clinical Photon Counting Abdominopelvic CT: A Crash Course!  
*Bari Dane, MD*

**GIEE-16**  
Hepatocellular Carcinoma: A Primer for Residents  
*Marika A. Pitot, MD*

**GIEE-163**  
A Multimodality Approach to Inflammatory Bowel Disease and Complications  
*Weibo Fu, BS*

**GIEE-17**  
Imaging Diagnosis of Hepatocellular Carcinoma in the Era of Molecular Targeted Therapy and Immunotherapy  
*Azusa Kitao, MD, PhD*

**GIEE-172**  
Fantastic & Four &: Imaging of Hepatic Segment 4 - Management and Surgical Implications  
*Bryce Carson, MD*

**GIEE-18**  
It Looks Like Liver Cancer, But What Is It Really?: Pearls and Pitfalls for Diagnosis of Pathological Entities Mimicking Liver Malignancies  
*Hanna Rafaela Ferreira Dalla Pria, MD*

**GIEE-24**  
Post Pancreatic Surgery Complications: Diagnostic Imaging Approach  
*Ayman Hamdy Gaballah, MD, FRCR*

**GIEE-26**  
Out of Place: Ectopic and Accessory Tissues  
*Patricia Perola Dantas, MD*

**GIEE-3**  
Surgery or Follow-up? That is the Question: The Diagnostic Dilemma of Intraductal Papillary Mucinous Neoplasms  
*Akio Tamura, MD*

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Peritumoral Area of Focal Liver Lesions: Imaging-pathological Correlation and Clinical Significance  
*Kumi Ozaki, MD, PhD*

**GIEE-37**  
Why Do Mucin-producing Cystic Neoplasms of the Liver Confuse Us?: Top Tips To Get the Right Diagnosis  
*Sofia Frade Santos, MD*

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Postoperative Complications of Hepatobiliary Surgery: An Imaging Review  
*John W. Kirby, MD*

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2022 Update of the Barcelona Clinic Liver Cancer Recommendations: What the Radiologist Needs to Know  
*Vikrant Khare, MD*

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Imaging Findings of Early Gastrointestinal and Hepatobiliary Cancers: Pitfalls and Pearls  
*Alecio Fernando Lombardi, MD*

**GIEE-52**  
Periapillary Disorders: Running Away From the Obvious - A Pictorial Essay of Periapillary Lesions  
*Ulysses Santos Torres, MD, PhD*

**GIEE-53**  
Body MRI Pulse Sequences: An Atlas and User Guide  
*Anup Shashindra Shetty, MD*

**GIEE-58**  
MRI Findings of the Rectum and Anus: Beyond Tumor Staging  
*Sergio Jimenez Serrano*

**GIEE-62**  
Rectal MR: A Refresher on Low Rectal Cancers at Initial Staging  
*David H. Kim, MD*

**GIEE-76**  
Liver Transplant Primer For Radiologists: A Question-Based and Case-Based Review  
*Roberta Catania, MD*

**GIEE-92**  
Inflammatory Bowel Disease: Fluoroscopic Assessment and Post-operative Complications  
*Linda Caroline Kelahan, MD*

**GUEE-12**  
Keeping it Retro: Reflecting on the Spaces, Planes, &#38; Pathologies of the Retroperitoneum  
*Jessica Lovett, MD*

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What Do We See When We Don't See the Bladder? Review of the Main Urinary Diversion Techniques and Their Complications  
*Alba Salgado Parente, MD*

**GUEE-17**  
To Infinity and Beyond: Present and Future of Contrast Enhanced Ultrasound (CEUS) in Renal Transplant  
*Tomas Fernandez, MD*

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Multicenter Lessons from Adrenal Multidisciplinary Tumor Boards: Expert Evidence-Based Views of the Society of Abdominal Radiology Adrenal Neoplasm Disease Focused Panel  
*Ryan Chung, MD*

**GUEE-30**  
Ups and Downs in the Andes: Soft Tissue Sarcomas of the Genitourinary Tract with Radiologic-pathologic Correlation  
*Jorge Luis Huayanay, MD*

**GUEE-31**  
MR Imaging of the Penis - What a Radiologist Needs to Know  
*Pankaj Nepal, MD*

**GUEE-34**  
Pheochromocytoma and Paraganglioma: Key Findings, Clinical Features, and Their Association with Anatomic and Functional Imaging - Tutorial for Residents  
*Leonela Ramirez Almanza*

**GUEE-38**  
Pitfalls in Prostate MRI: How to Avoid These Common Errors of Under and Over Diagnosis  
*Omar Kamal, MD, MSc*

**GUEE-41**  
Propensity for Density: Hyperdense and Calcified Disease throughout the Genitourinary System on CT  
*Virginia Barnes Planz, MD*

**HNEE-1**  
A Blurry Confusion-Optic Neuropathy Etiologies And Imaging  
*Luis Eduardo Almeida Souza, MD*

**HNEE-10**  
Perimarginal Nodes - An Underestimated Site for Metastatic Squamous Cell Oral Cancer: A CT Pictorial Review  
*Erik Radin, MD*

**HNEE-12**  
A Joint Affair: Radiologic Findings of TMJ Anatomy and Pathology  
*Samantha Platt, MD*

**HNEE-18**  
Multimodality Imaging of The Lacrimal Drainage System  
*Viviana Loureiro, MD*

**HNEE-19**  
Facial Pain: Classification, Clinical Features, and Imaging Findings  
*Rodrigo Pinto De Azevedo, MD*

**HNEE-27**  
Don't Let Your Mouth Water - Everything You Need to Know About the Parotid Glands  
*Marcio Ricardo Taveira Garcia, MD*







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*Samya Saraiva Alves, MD*

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High Resolution CT Angiography of the Orbits, Skull Base and Pterygopalatine Fossa  
*Norbert Gilles Joseph Campeau, MD*

**HNEE-54**  
Unboxing the Voice Box: Imaging in Laryngeal Malignancy  
*Anu Kamalasanan, FRCR, MBBS*

**HNEE-57**  
Lymphoproliferative Lesions of the Orbit  
*Taisa Santos, MD*

**INEE-12**  
Standardized Operational Log of Events (SOLE) for Artificial Intelligence (AI) Monitoring  
*Ali Shah Tejani, MD*

**INEE-2**  
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*Kaito Oikawa*

**INEE-3**  
Prognostic AI-imaging Biomarkers: How to Predict the Survival of Patients With Idiopathic Pulmonary Fibrosis (IPF)  
*Chinatsu Watari, MD*

**INEE-30**  
Mastering Basic Machine Learning Principles Without Coding Experience: A Tutorial on Googles Teaching Machine  
*Adam Eugene Flanders, MD*

**INEE-31**  
Robust AI in Brain MRI&#8217;s Large-Factor Super-Resolution - And Its Application In Improving Brain CAD System&#8217;s Precision  
*Tong Zheng*

**INEE-4HC**  
Building the Administrative and Operational Infrastructure for an AI Enabled Radiology Department  
*Holly Meyer, RT*

**IREE-1**  
Arterial Embolization for Gynecological and Obstetric Hemorrhage - Indications, Preparation, Technique, Results, and Complications  
*Mario Matute Gonzalez, MD*

**IREE-29**  
Middle Meningeal Artery Embolization for the Management of Chronic Subdural Hematoma  
*Angela Huete Schmolling*

**IREE-36**  
Percutaneous Transjejun Biliary Intervention: A Primer for the Diagnostic and Interventional Radiologist  
*Ryan Gabos*

**IREE-38**  
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*Kenneth N. Huynh, BS*

**IREE-43**  
Interventional Pain Management in Extraspinal Osseous Metastases  
*Kenneth N. Huynh, BS*

**IREE-48**  
Various Approaches to the Portal Venous System  
*Yoshitaka Tamura*

**IREE-58**  
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*Hyo-Cheol Kim, MD*

**IREE-6**  
Balloon Pulmonary Angioplasty for Chronic Thromboembolic Pulmonary Hypertension: Indications, Preparation, Technique, Results and Complications.  
*Mario Matute Gonzalez, MD*

**IREE-68**  
Complications After Radioembolization of Hepatic Tumors: Spectrum of Imaging Findings  
*Hyo-Cheol Kim, MD*

**IREE-7**  
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*Satoru Morita, MD, PhD*

**IREE-70**  
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*Mohamed Ibrahim, MBCh*

**MKEE-1**  
Achilles-calcaneus-plantar fascia system: Anatomy, Biomechanics and Patterns of Injury  
*Dyan Vallejo Flores, MD*

**MKEE-101**  
Cervical Spine Infections and their Mimics  
*Samantha Salmon, MD*

**MKEE-104**  
Pediatric Spine and Spinal Cord Tumors: Imaging Answers to Clinical and Surgical Needs  
*Vinicius Roeffero Brambilla, MD*

**MKEE-114**  
Vascular Changes that Every Musculoskeletal Radiologist Should be Aware of  
*Eduarda Castelo Branco Araujo Bernal, MD*

**MKEE-117**  
Ultrasound-guided Intervention of Small Joints  
*Dyan Vallejo Flores, MD*

**MKEE-158**  
Pitch Perfect: Biomechanics and Patterns of Injury In the Throwing Arm  
*Dyan Vallejo Flores, MD*

**MKEE-161**  
Not All Erosions are Created Equal - Approach to Hand and Wrist Arthropathy: What a Radiologist Needs to Know?  
*Neha Antil, MD*

**MKEE-24**  
Axial Spondyloarthritis: What the Radiologist Needs to Know  
*Taiki Nozaki, MD*

**MKEE-25**  
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*Sean Mckell Rodich, MD, MS*

**MKEE-26**  
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*Marina Cristina Akuri, MD*

**MKEE-30HC**  
Susceptibility-Weighted Imaging (SWI) Emerging Role in Musculoskeletal (MSK) Oncology  
*Mathew Canjirathinkal, MD*

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*Kristin L. Shute, DO*

**MKEE-68**  
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*Massimo Donalizio, MD*

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*Allison Meijay Khoo, MD*

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DECT In The Emergency Room: Play Your Best Game and Leave It All Out On The Field!  
*Kirbi Sullivan, MD*

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**MSEE-26**  
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*Thamiris De Sousa Garcia, MD, MD*

**MSEE-39**  
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*Irene Dixe de Oliveira Santo, MD*

**MSEE-46**  
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*Majid Chalian, MD*

**MSEE-48**  
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*Thurl Hugh Casal Cledera, MD*





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*Eric Cooper*

**MSEE-64**  
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*Christian Gomez, MD*

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*Alison Rebecca Gegios, MD*

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*Blake Ammon Bartholomew, MD*

**NPMEE-20**  
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*Nicole Maria Hindman, MD*

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*Luciana Pardini Chamie, MD, PhD*

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*April M. Griffith, MD*

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*Luisa Leitao de Faria, MD*

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*Lillian May Lai, MD*

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*Michael Robert Bruesewitz, RT*

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*Kedar Gopal Sharbidre MD*

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*Irene Dixe de Oliveira Santo, MD*

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*Min Gyu Noh, MD*

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**Quality Improvement Report Awards**

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*Ying Guo*

**M2-Q1-6**  
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*Jay Kumar Pahade, MD*

**S3A-Q1-4**  
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*Theresa Xuan Pham, MD, BS*

**S3A-Q1-5**  
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*Eric Allan Brandser, MD*

**S3A-Q1-7**  
Clinical Implementation of an AI-driven Lung Nodule Algorithm QA Project in the ED Setting  
*Irene Dixe de Oliveira Santo,MDNR*

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