

RSNA® 2019  
DECEMBER 1-6

# Magnetic Resonance Imaging

RADIOLOGICAL SOCIETY  
OF NORTH AMERICA  
105<sup>TH</sup> Scientific Assembly  
and Annual Meeting

*Meeting.RSNA.org*  
#RSNA19

## Walk Through the Week

### Sunday, Dec. 1, 2019

#### 10:30 AM–12:00 PM

##### Educational Courses

RSNA AI Deep Learning Lab: Beginner Class: Classification Task (Intro)

**Session SPAI11 . . . . AI Showcase North Building Level 2**

#### 10:45 AM–12:15 PM

##### Educational Courses

Best Clinical Trials @ RSNA 2019

**Session SPCT10 . . . . .E352**

#### 10:45 AM–12:15 PM

##### Scientific Papers Sessions

Breast Imaging (MRI Diagnostics)

**Session SSA02 . . . . . S402AB**

Cardiac (Myocardial Ischemia and Viability (MRI))

**Session SSA04 . . . . . S102CD**

Gastrointestinal (LIRADS)

**Session SSA07 . . . . . S103AB**

Gastrointestinal (Radiomics)

**Session SSA08 . . . . . S104A**

Gastrointestinal (Rectal Cancer)

**Session SSA09 . . . . . S103CD**

Science Session with Keynote: Genitourinary (Benign Gynecologic Disease)

**Session SSA10 . . . . . N228**

Science Session with Keynote: Molecular Imaging (Neuroimaging)

**Session SSA13 . . . . . S503AB**

Neuroradiology (Brain Tumors 1)

**Session SSA18 . . . . . S401CD**

Physics (MRI - New Techniques and Image Quality)

**Session SSA22 . . . . . E353A**

#### 1:00–2:30 PM

##### Educational Courses

RSNA AI Deep Learning Lab: Segmentation

**Session SPAI12 . . . . AI Showcase North Building Level 2**

### Accreditation and Designation Statements

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

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

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

### Corporate Symposium

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

Program information is subject to change. For the most up-to-date information, please use your Meeting App or visit [Meeting.RSNA.org](http://Meeting.RSNA.org).



**1:00-1:20 PM**

**Showcase Presentations**

RSNA AI Theater: Comparing Advanced MRI Acquisition Acceleration Methods: Compressed Sensing versus AI-based Iterative Image Reconstruction: Presented by Medic Vision  
**Session AI16 . . . . . AI Showcase North Building Level 2**

**1:05-2:15 PM**

**Vendor Workshops**

A Practical Approach to Breast Magnetic Resonance Imaging (MRI) Interpretation: Presented by Siemens Healthineers  
**Session VW14 . . . . . North Building, Booth 8563**

**2:00-3:30 PM**

**Educational Courses**

Advanced Muscle Imaging: State of the Art  
**Course RC104 . . . . . E450A**

Abbreviated/Faster MRI Abdominal Pelvic Protocols  
**Course RC109 . . . . . E450B**

Peripheral Artery Disease: CTA and MRA (Interactive Session)  
**Course RC112 . . . . . S404CD**

Advanced MRI Applications  
**Course RC115 . . . . . E353C**

Emerging Technology: Imaging of Dementias and Movement Disorders Update 2019  
**Course RC117 . . . . . S504CD**

Interactive Game: Cases in Body Oncologic Imaging that I Have Learned the Most From (Interactive Session)  
**Course RC118 . . . . . S102CD**

Innovations in Hybrid Imaging  
**Course RC121 . . . . . E351**

MRI O-RADS (Interactive Session)  
**Course RC129 . . . . . N227B**

MR Imaging-guided Breast Biopsy (Hands-on)  
**Course RC150 . . . . . E260**

**Monday, Dec. 2, 2019**

**8:30-9:30 AM**

**Corporate Symposium**

Density "Inform" and Insurance Legislation Update: Presented by Bayer  
**Session CS23 . . . . . S105D**

**8:30-10:00 AM**

**Educational Courses**

Molecular Imaging Symposium: Basics of Molecular Imaging  
**Course MSMI21 . . . . . S405AB**

Body Imaging Expert Panel: CTA or MRA?  
**Course RC212 . . . . . S104A**

Emerging Technology: 3D Joint MR Imaging  
**Course RC217 . . . . . S504CD**

Whole Body MRI for Precision Oncology in Malignant Bone Disease  
**Course RC218 . . . . . S103AB**

Abbreviated Liver MRI  
**Course RC229 . . . . . N228**

**8:30 AM-12:00 PM**

**Educational Courses**

Musculoskeletal Series: MRI of Ankle and Foot  
**Course RC204 . . . . . E451B**

Breast Series: MRI  
**Course RC215 . . . . . Arie Crown Theater**

**9:00-10:30 AM**

**Corporate Symposium**

Hot Topics in Contrast-Enhanced MRI: Presented by Northwest Imaging Forums, educational grant provided by Bracco Diagnostics, Inc.  
**Session CS21 . . . . . S101AB**

**10:30 AM-12:00 PM**

**Educational Courses**

Molecular Imaging Symposium: Oncologic MI Applications  
**Course MSMI22 . . . . . S405AB**

RSNA AI Deep Learning Lab: Beginner Class: Classification Task (Intro)  
**Session SPAI21. . . . . AI Showcase North Building Level 2**

**10:30 AM-12:00 PM**

**Scientific Papers Sessions**

Cardiac (Nonischemic Cardiomyopathies)  
**Session SSC02 . . . . . S401CD**

Gastrointestinal (Hepatocellular Carcinoma)  
**Session SSC05 . . . . . N228**

Science Session with Keynote: Genitourinary (Prostate MRI in Biopsy, Therapy, and Surveillance)  
**Session SSC07 . . . . . E260**

Neuroradiology (Diffusion/Perfusion)  
**Session SSC10 . . . . . S502AB**



**11:30-11:50 AM**

**Showcase Presentations**

3D + AV Theater: Overcoming Common Challenges to Scale 3DP at the Point-of-Care. Lessons from an Innovation Lab: Presented by Formlabs

**Session 3D22** . . . . . **3D Printing & AV Theater North Building**

**1:05-2:15 PM**

**Vendor Workshops**

A Practical Approach to Breast Magnetic Resonance Imaging (MRI) Interpretation: An Interactive Session: Presented by Siemens Healthineers

**Session VW19** . . . . . **North Building, Booth 8563**

**1:30-3:30 PM**

**Educational Courses**

Contrastes y Trazadores: Estado del Art-Sesion del Colegio Interamericano de Radiologia (CIR) en Espanol/Contrast Agents and Radiopharmaceuticals: State of the Art-Session of Interamerican College of Radiology (CIR) in Spanish

**Session SPSP21** . . . . . **E353C**

**1:30-5:45 PM**

**Educational Courses**

Physics Symposium: Highlights of AAPM Clinical Brachytherapy Physics Summer School

**Session SPPH22** . . . . . **S503AB**

**2:00-3:00 PM**

**Corporate Symposium**

Advances in MR & CT Imaging: Emphasis on Artificial Intelligence: Presented by the Institute for Advanced Medical Education (IAME), educational grant provided by Canon Medical Systems USA, Inc.

**Session CS24** . . . . . **S101AB**

**3:00-4:30 PM**

**Educational Courses**

RSNA AI Deep Learning Lab: Generative Adversarial Networks (GANs)

**Session SPAI23** . . . **AI Showcase North Building Level 2**

**3:00-4:00 PM**

**Scientific Papers Sessions**

Science Session with Keynote: Cardiac (Congenital and Pediatric Imaging)

**Session SSE03** . . . . . **E350**

Musculoskeletal (Accelerated Imaging)

**Session SSE15** . . . . . **N228**

Musculoskeletal (Arthritis and Cartilage)

**Session SSE16** . . . . . **N227B**

Neuroradiology (Epilepsy/Metabolism/Infection)

**Session SSE18** . . . . . **S401CD**

Neuroradiology (Structural Imaging)

**Session SSE20** . . . . . **S504CD**

**4:30-6:00 PM**

**Educational Courses**

Special Interest Session: Value MR Imaging-Paradigm Shift from Generic to Targeted-Why and How

**Session SPSI23** . . . . . **E353C**

**Tuesday, Dec. 3, 2019**

**7:15-8:15 AM**

**Educational Courses**

Controversy Session: MR Elastography versus US Elastography of Liver

**Session SPSC30** . . . . . **E350**

**8:30-10:00 AM**

**Educational Courses**

How Do I Image That? Tips for Improving Challenging Head and Neck Protocols

**Course RC306** . . . . . **E353C**

Body MR Angiography: 2019 Update

**Course RC312** . . . . . **N229**

Emerging Technologies: Prostate Cancer Imaging & Management - Update 2019

**Course RC317** . . . . . **S505AB**

Innovations in MR

**Course RC321** . . . . . **S102CD**

Liver MRI Essentials (Interactive Session)

**Course RC329** . . . . . **N227B**

**8:30 AM-12:00 PM**

**Educational Courses**

Cardiac Series: Emerging Cardiovascular MR and CT Imaging

**Course RC303** . . . . . **E350**

**10:30 AM-12:00 PM**

**Educational Courses**

RSNA AI Deep Learning Lab: Generative Adversarial Networks (GANs)

**Session SPAI31** . . . **AI Showcase North Building Level 2**



**10:30 AM-12:00 PM**

**Scientific Papers Sessions**

- Cardiac (CT, MRI, and Nuclear Medicine: General Topics)  
**Session SSG02** . . . . . **S104A**
- Gastrointestinal (Liver Fibrosis)  
**Session SSG04** . . . . . **E353A**
- Gastrointestinal (MR Diagnosis)  
**Session SSG05** . . . . . **E351**
- Neuroradiology (Stroke 2)  
**Session SSG10** . . . . . **N229**
- Physics (MRI - Clinical Applications)  
**Session SSG14** . . . . . **S504AB**

**11:00-11:20 AM**

**Showcase Presentations**

- RSNA AI Theater: AI in Clinical Cardiac MRI: Presented by Circle Cardiovascular Imaging  
**Session AI32** . . . . . **AI Showcase North Building Level 2**

**12:00-12:20 PM**

**Showcase Presentations**

- 3D + AV Theater: Next Generation of Advanced Visualization for Surgical Planning and Optimizing Analysis Utilizing Immersive Reality with Haptic Feedback and Air Models: Presented by ImmersiveTouch, Inc.  
**Session 3D33** . . . . . **3D Printing & AV Theater North Building**

- RSNA AI Theater: ScanDiags-AI-driven Decision Support from Musculoskeletal MRI: Presented by Balzano AI Engineers  
**Session AI34** . . . . . **AI Showcase North Building Level 2**

**1:00-2:30 PM**

**Educational Courses**

- RSNA AI Deep Learning Lab: Segmentation  
**Session SPAI32** . . . . . **AI Showcase North Building Level 2**

**3:00-4:30 PM**

**Educational Courses**

- RSNA AI Deep Learning Lab: Beginner Class: Classification Task (Intro)  
**Session SPAI33** . . . . . **AI Showcase North Building Level 2**

**3:00-4:00 PM**

**Scientific Papers Sessions**

- Cardiac (MRI: General Topics)  
**Session SSJ04** . . . . . **N230B**
- Gastrointestinal (CT Dose and Abbreviated MR Screening Techniques)  
**Session SSJ08** . . . . . **S401CD**

Science Session with Keynote: Genitourinary (Quantitative Prostate MRI)

- Session SSJ10** . . . . . **S502AB**
- Musculoskeletal (Knee)  
**Session SSJ16** . . . . . **E353A**

**3:30-5:00 PM**

**AI Hands-on Workshop**

- Deep Learning for MRI Interpretation on the Microsoft Azure ML Platform: Presented by Balzano AI Engineers  
**Session HW33** . . . . . **AI Showcase, Booth 11536, North Building, Level 2,**

**3:50-5:00 PM**

**AI Hands-on Workshop**

- A Practical Approach to Breast Magnetic Resonance Imaging (MRI) Interpretation: An Interactive Session: Presented by Siemens Healthineers  
**Session VW26** . . . . . **North Building, Booth 8563**

**4:30-6:00 PM**

**Educational Courses**

- Articular Discs, Menisci, and Labra: Structure, Function, and Dysfunction Using MRI with Emphasis on the Knee Meniscus, Triangular Fibrocartilage, and Glenoid and Acetabular Labrum  
**Course RC404** . . . . . **E451B**
- Chronic Pelvic Pain: Added Value of MRI in Endometriosis, Fibroids, and Pelvic Floor Relaxation  
**Course RC407** . . . . . **N226**
- The Newly Diagnosed Cancer: Different Viewpoints  
**Course RC415** . . . . . **E451A**
- Anatomical MR Imaging for Radiotherapy Planning and Guidance  
**Course RC422** . . . . . **S501ABC**
- MRI Safety Course (Gadolinium and Pacemakers) (Interactive Session) (The In-Person Session is Supported in part by an Unrestricted Educational Grant from Bayer)  
**Course RC429** . . . . . **E350**

**Wednesday, Dec. 4, 2019**

**8:00-10:00 AM**

**Educational Courses**

- PI-RADS Hands-on Workshop (Interactive Session)  
**Course RC507** . . . . . **E450A**

**8:30–10:00 AM****Educational Courses**

BI-RADS Interactive Challenge (Interactive Session)

**Course RC515** . . . . . E451A

Metabolic Tumor Imaging: Current and Beyond

**Course RC518** . . . . . S501ABC

MR Image Guidance Radiotherapy

**Course RC520** . . . . . E353A

Practical Aspects of MR

**Course RC521** . . . . . E351

Protocol Optimization and Artifacts in MRI (Interactive Session)

**Course RC529** . . . . . N227B**8:30 AM–12:00 PM****Educational Courses**

Musculoskeletal Series: MRI of Elbow, Wrist, and Hand

**Course RC504** . . . . . S406A

Vascular Series: MR Angiography-New Techniques and Their Application

**Course RC512** . . . . . S503AB**10:15–11:25 AM****Vendor Workshops**

A Practical Approach to Breast Magnetic Resonance Imaging (MRI) Interpretation: An Interactive Session: Presented by Siemens Healthineers

**Session VW27** . . . . . North Building, Booth 8563**10:30 AM–12:00 PM****Educational Courses**

BOOST: Lymphoma-Case-based Multidisciplinary Review (Interactive Session)

**Course MSRO42** . . . . . S103CD

RSNA AI Deep Learning Lab: Segmentation

**Session SPAI41** . . . . . AI Showcase North Building Level 2**10:30 AM–12:00 PM****Scientific Papers Sessions**

Neuroradiology (Movement Disorders)

**Session SSK16** . . . . . S401CD**11:30–11:50 AM****Showcase Presentations**

RSNA AI Theater: Hitting the Bull's AI in Neuroradiology: Unlocking Value from Workflow to Patient: Presented by icometrix

**Session AI43** . . . . . AI Showcase North Building Level 2**1:00–2:30 PM****Educational Courses**

RSNA AI Deep Learning Lab: Generative Adversarial Networks (GANs)

**Session SPAI42** . . . . . AI Showcase North Building Level 2**3:00–4:15 PM****Educational Courses**

BOOST: Advanced Techniques in Image-guided Therapy (Interactive Session)

**Course MSRO44** . . . . . S103CD**3:00–4:30 PM****Educational Courses**

RSNA AI Deep Learning Lab: Beginner Class: Classification Task (Intro)

**Session SPAI43** . . . . . AI Showcase North Building Level 2**3:00–4:00 PM****Scientific Papers Sessions**

Cardiac (Myocardial Disease)

**Session SSM03** . . . . . S401CD

Cardiac (Anatomy and Function)

**Session SSM04** . . . . . S404AB

Genitourinary (Bi-Parametric versus Multi-Parametric Prostate MRI)

**Session SSM12** . . . . . N229**3:30–5:00 PM****Educational Courses**

RSNA/ESR Sports Imaging Symposium: Postoperative Imaging of Sports Injuries (Interactive Session)

**Session MSSR44** . . . . . E350**4:30–6:00 PM****Educational Courses**

Controversy Session: Hepatocellular Carcinoma: Should We Use CT, MR, or US?

**Session SPSC42** . . . . . N227B**Thursday, Dec. 5, 2019****8:30–10:00 AM****Educational Courses**

Case-based Review of Magnetic Resonance (Interactive Session)

**Course MSCM51** . . . . . S100AB

Pulmonary Vascular Imaging

**Course RC601** . . . . . S103CD



- Nonischemic Cardiomyopathies: Role of Cardiac MRI  
**Course RC603** . . . . . **S103AB**
- Case Review: Rectal MRI (Interactive Session)  
**Course RC609** . . . . . **E451B**
- Head and Neck PET/CT: Clinical Approach  
**Course RC611** . . . . . **S504CD**
- Emerging Technology: Elastography of the Liver - Update 2019  
**Course RC617** . . . . . **S505AB**
- Functional MR Imaging for Tumor Targeting in Radiotherapy  
**Course RC622** . . . . . **E353A**
- Machine Learning and Radiomics in MRI  
**Course RC629** . . . . . **E451A**

**8:30 AM–12:00 PM**

- Educational Courses**  
 Pediatric Series: Pediatric Safety and Quality  
**Course RC613** . . . . . **S502AB**

**10:30 AM–12:00 PM**

- Educational Courses**  
 Case-based Review of Magnetic Resonance (Interactive Session)  
**Course MSCM52** . . . . . **S100AB**

**10:30 AM–12:00 PM**

- Scientific Papers Sessions**  
 Cardiac (Coronary Artery Disease: CT and MRI Techniques)  
**Session SSQ03** . . . . . **E450B**
- Science Session with Keynote: Chest (Thoracic MRI)  
**Session SSQ05** . . . . . **E350**
- Gastrointestinal (Advanced MRI Techniques)  
**Session SSQ07** . . . . . **S103CD**
- Genitourinary (Imaging of Pregnancy)  
**Session SSQ09** . . . . . **E351**
- Nuclear Medicine (Breast/General Oncology Nuclear Medicine and PET)  
**Session SSQ14** . . . . . **S402AB**
- Neuroradiology (White Matter)  
**Session SSQ16** . . . . . **S404CD**

**11:00–11:20 AM**

- Showcase Presentations**  
 RSNA AI Theater: Big Data and Its Impact on Stroke Imaging: Presented by Cercare Medical  
**Session AI52** . . . . . **AI Showcase North Building Level 2**

**11:45 AM–12:45 PM**

- Educational Courses**  
 ASRT@RSNA 2019: Quantitative Liver MR Imaging  
**MSRT54** . . . . . **N230B**

**1:00–2:30 PM**

- Educational Courses**  
 RSNA AI Deep Learning Lab: Segmentation  
**Session SPAI52** . . . . . **AI Showcase North Building Level 2**

**1:30–1:50 PM**

- Showcase Presentations**  
 RSNA AI Theater: AI for Diagnosis, AI for the World: Presented by LPIXEL, Inc.  
**Session AI57** . . . . . **AI Showcase North Building Level 2**

**4:30–6:00 PM**

- Educational Courses**  
 Advanced Imaging of Arthritis  
**Course RC704** . . . . . **S402AB**
- What's in the Pipeline for Neuro MRI?  
**Course RC705** . . . . . **E451B**
- Emerging Technology: PET/MRI Update 2019  
**Course RC717** . . . . . **S505AB**
- Innovations in MR and CT Perfusion  
**Course RC721** . . . . . **S103AB**
- Functional MR Imaging for Normal Tissue Response Assessment in Radiotherapy  
**Course RC722** . . . . . **S503AB**
- Rectal MRI (Interactive Session)  
**Course RC729** . . . . . **S105AB**
- MR Imaging-guided Breast Biopsy (Hands-on)  
**Course RC750** . . . . . **E260**

**Friday, Dec. 6, 2019**

**8:30–10:00 AM**

- Educational Courses**  
 Practical MR Imaging  
**Course RC801** . . . . . **E353B**
- Avulsion Injuries of the Upper and Lower Extremities  
**Course RC804** . . . . . **E451B**
- The Neoadjuvant Patient  
**Course RC815** . . . . . **E352**
- Abdominal/Pelvic MRI in the Emergent Setting  
**Course RC829** . . . . . **E263**



# Posters and Exhibits Discussions

*(CME is available when the author is present for discussion during the lunch period)*

## Sunday, Dec. 1, 2019

### 12:30–1:00 PM

#### Scientific Posters

An Experimental Study of MRI - Induced Heating in Conductive Loops  
PH236-SD-SUA2 . . . . . Station #2

Association of the Kaiser Score with Invasiveness of Breast Cancer: Could it Provide Actionable Information?  
BR258-SD-SUA5 . . . . . Station #5

Markers of Myocardial Injury Based on 3.0T MRI in Predicting the Recovery of Segmental Recovery After Acute Myocardial Infarction  
CA238-SD-SUA4 . . . . . Station #4

### 1:00–1:30 PM

#### Scientific Posters

Comparing 3D MSK-View with 2D Standard Scans: Shortening Imaging Time of the Shoulder MRI Study - A Clinical Quality Feasibility Study  
PH240-SD-SUB4 . . . . . Station #4

Deep-Learning-Based Technology for Eliminating Gadolinium Contrast Agents in Myocardial Infarction MR Imaging  
CA203-SD-SUB1 . . . . . Station #1

Modification of Left Ventricle Myocardial Perfusion Reserve After the Implantation of Coronary Sinus Stent: A Stress-Rest CMR Study  
CA240-SD-SUB4 . . . . . Station #4

Reproducibility of Cardiac Magnetic Resonance Imaging Methods in Patients With or Without Pacemakers and/or Implantable Cardioverter-Defibrillators in the CONCERT-HF Trial  
CA204-SD-SUB2 . . . . . Station #2

The Value of DWI Combined with DCE in the Differential Diagnosis of Orbital Lymphoma and Inflammatory Pseudotumor  
PH202-SD-SUB6 . . . . . Station #6

Unenhanced Breast Cancer Screening with Diffusion Weighted MRI: Increased Image Quality and Lesion Visibility Using Synthetic b-Values  
BR260-SD-SUB5 . . . . . Station #5

## Monday, Dec. 2, 2019

### 12:15–12:45 PM

#### Scientific Posters

Predictors for Adequate Stress Response to Adenosine Triphosphate in Perfusion Cardiac Magnetic Resonance  
CA206-SD-MOA1 . . . . . Station #1

### 12:15–12:45 PM

#### Education Exhibits

False Negatives and Missed Opportunities on Breast MRI: How Can We Do Better?  
BR198-ED-MOA8 . . . . . Station #8

### 12:45–1:15 PM

#### Scientific Posters

Shear Wave Elastography for Early Prediction of Response to Neoadjuvant Chemotherapy in Patients with Invasive Breast Cancer  
BR232-SD-MOB3 . . . . . Station #3

### 12:45–1:15 PM

#### Education Exhibits

RECIST Applied to Breast MRI: The Real Life  
BR202-ED-MOB9 . . . . . Station #9

## Tuesday, Dec. 3, 2019

### 12:15–12:45 PM

#### Scientific Posters

Does the Change in Volumetric Functional MR Metrics Post-TACE Predict Histopathologic Grading of Hepatocellular Carcinoma?  
GI392-SD-TUA5 . . . . . Station #5

Influence of Sequence Selection of MR Enterography Diagnostic Accuracy  
GI394-SD-TUA7 . . . . . Station #7

### 12:15–12:45 PM

#### Education Exhibits

Abbreviated Breast MRI: Past, Present, and Future  
BR205-ED-TUA10 . . . . . Station #10

### 12:45–1:15 PM

#### Scientific Posters

An AI Driven Module to Automatically Assess Motion and Imaging Artifacts in Neuro-MRI for Clinical Trial Quality Assurance  
PH254-SD-TUB3 . . . . . Station #3





- Application of MT in Kidney: A Comparison Analysis with Physiological Features  
**PH257-SD-TUB6** . . . . . **Station #6**
- Impaired Glucose Tolerance: Relationship with Pancreatic Fibrosis Using T1 Mapping and Pancreatic Exocrine Function Estimated by Cine-Dynamic MRCP Using a Spatially Selective Inversion-Recovery Pulse  
**GI399-SD-TUB5** . . . . . **Station #5**
- Macro Regenerative Nodules in PSC Disease: MRI Features  
**GI398-SD-TUB4** . . . . . **Station #4**
- Tissue Sound Speed: A Novel Imaging Biomarker for Measuring Tamoxifen Response  
**BR238-SD-TUB3** . . . . . **Station #3**

## Wednesday, Dec. 4, 2019

**12:15–12:45 PM**

### Scientific Posters

- Low Flow Continuous Oxygen Inhalation May Avoid the Incidence of “Transient Severe Motion” (TSM) after Administration of Gadoxetate Disodium  
**GI405-SD-WEA6** . . . . . **Station #6**

**12:15–12:45 PM**

### Education Exhibits

- Test Yourself! MR Evaluation of Response to Neoadjuvant Therapy  
**BR211-ED-WEA10** . . . . . **Station #10**

**12:45–1:15 PM**

### Scientific Posters

- Quantitative Analysis of Hepatic Fibrosis and Adiposity Using Intravoxel Incoherent Motion and Magnetic Resonance Spectroscopy  
**PH217-SD-WEB2** . . . . . **Station #2**
- Quantitative Radiological Features Affecting 2HG Detection with MEGA-PRESS Sequence  
**NR387-SD-WEB3** . . . . . **Station #3**
- Study of Cardiac Structure and Function in Patients with Chronic Kidney Disease by Cardiac MR  
**PH265-SD-WEB5** . . . . . **Station #5**

**12:45–1:15 PM**

### Education Exhibits

- Trials and Tribulations in the Early Implementation of an Abbreviated Screening Breast MR Program  
**BR214-ED-WEB10** . . . . . **Station #10**

## Thursday, Dec. 5, 2019

**12:15–12:45 PM**

### Scientific Posters

- Deep Learning Assisted MRI Prediction of Tumor Response to Chemotherapy for Patients with Colorectal Liver Metastases  
**GI358-SD-THA1** . . . . . **Station #1**
- Low-Dose Imaging Technique (LITE) MRI: Introduction of a Reduced-Dosage Dynamic Contrast-Enhanced MRI Technique in Breast Imaging  
**BR246-SD-THA2** . . . . . **Station #2**
- Reduction of Motion Artifact and Improvement of Lesion Visibility of the Left Lobe in the Liver: Usefulness of Velocity-Compensated Diffusion-Weighted MRI  
**GI387-SD-THA4** . . . . . **Station #4**
- Value of MRI as A Screening Tool for Hepatocellular Carcinoma in a High-Risk Population  
**GI359-SD-THA2** . . . . . **Station #2**

**12:15–12:45 PM**

### Education Exhibits

- Abbreviated and Ultrafast Breast Magnetic Resonance Imaging (MRI) in Clinical Practice: What the Radiologist Needs to Know  
**BR215-ED-THA6** . . . . . **Station #6**
- Self Help: Creating Research Opportunities in a Hybrid Training Setting  
**HP128-ED-THA4** . . . . . **Station #4**

**12:45–1:15 PM**

### Scientific Posters

- Comprehensive Morpho-Functional and Structural Characterization of the Left-Ventricle in a Mouse Model of Acute Ischemia/Reperfusion Injury with a Single CMR 3D Flash Intra-Gate Cine Sequence  
**CA229-SD-THB3** . . . . . **Station #3**



## Education Exhibits

SPACE No.	EXHIBIT TITLE
BR101-ED-X	Demystifying Breast MRI: A Pictorial Review of the ACR BI-RADS MRI Lexicon and Reporting
BR114-ED-X	MRI Features of Breast Implant-Associated Anaplastic Large Cell Lymphoma: A Pictorial Review
BR121-ED-X	Problem Solving with Breast MRI
BR130-ED-X	False Negative Lesions of Breast Cancer: The Variable Features in Previous MRI
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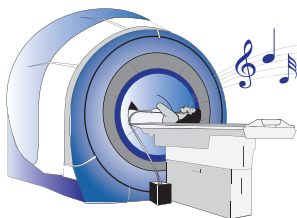


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- 🎵 Compatible with All MRI's **GUARANTEED!**
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