

MAGNETIC RESONANCE IMAGING

**104TH Scientific Assembly
and Annual Meeting**

Radiological Society of North America
McCormick Place, Chicago

November 25–30

Meeting.RSNA.org #RSNA18

RSNA[®] 2018
TOMORROW'S
RADIOLOGY TODAY 

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 **99.25 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.

Walk Through The Week

SATURDAY, NOV 24, 2018

12:00–2:00 PM

Educational Courses

AAPM/RSNA Physics Tutorial Session 1

Session SPPH01E351

SUNDAY, NOV 25, 2018

10:45 AM–12:15 PM

Scientific Papers Sessions

Science Session with Keynote: Cardiac (Nonischemic Cardiomyopathies)

Session SSA04 S404CD

Chest (Emphysema/COPD)

Session SSA05E451A

Science Session with Keynote: Gastrointestinal (Radiomics)

Session SSA07 N226

Science Session with Keynote: Gastrointestinal (Crohn's Disease and Small Bowel)

Session SSA08 N227B

Genitourinary (Multi-Parametric Prostate MRI)

Session SSA10 N229

Genitourinary (Gynecologic Malignancy)

Session SSA11 N230B

Molecular Imaging (Brain)

Session SSA13 S504CD

Musculoskeletal (Bone Marrow and Neoplasms)

Session SSA14 E353C

Musculoskeletal (Lower Extremity)

Session SSA15 E353B

Neuroradiology (White Matter Diseases: Beyond Bright T2)

Session SSA18E352

2:00–3:30 PM

Educational Courses

Update on Imaging in Dementia

Course RC105E451A

Abbreviated/Faster MRI Abdominal Pelvic Protocols

Course RC109 S102CD

Anatomical MR Imaging for Radiotherapy Planning and Guidance

Course RC122 S103AB

MR Imaging of the Female Pelvis for Planning Fertility Preservation Therapy and the Appearance of the Pelvis Post Therapy (Interactive Session)

Course RC129 **S404CD**

MR Imaging-guided Breast Biopsy (Hands-on)

Course RC150 **E260**

MONDAY, NOV 26, 2018

7:15–8:15 AM

Educational Courses

Controversy Session: Screening Breast MRI: Abbreviated versus Full Protocol

Session SPSC20 **E350**

8:00–10:00 AM

Educational Courses

Prostate MRI (Hands-on)

Course RCA21 **S401AB**

8:30–10:00 AM

Educational Courses

Evolving Imaging Methods for the Cancer Patient - Part 1 (Interactive Session)

Course MSAS21 **S105AB**

Case-based Review of Magnetic Resonance (Interactive Session)

Course MSCM21 **S100AB**

Molecular Imaging Symposium: Basics of Molecular Imaging

Course MSMI21 **S405AB**

MR Angiography: 2018 Update

Course RC212 **E352**

Emerging Technology: Elastography - Update 2018

Course RC217 **S504CD**

Whole-body MRI for Oncologic Decision Making in Bone Disease

Course RC218 **S103AB**

Functional MR Imaging for Tumor Targeting in Radiotherapy

Course RC222 **S502AB**

MRI Safety Issue for Implants, Devices, and Contrast: Update 2018 (Interactive Session)

Course RC229 **N228**

8:30 AM–12:00 PM

Educational Courses

Musculoskeletal Series: Knee MRI

Course RC204 **E451B**

Neuroradiology Series: Brain Tumors

Course RC205 **S406B**

9:00–10:30 AM

Corporate Symposium

Perspectives in MR Contrast Use: What You Should Know for Your Practice: Presented by Northwest Imaging Forums, educational grant provided by Bracco Diagnostics, Inc.

Session CS21 **S101AB**

10:30 AM–12:00 PM

Educational Courses

Case-based Review of Magnetic Resonance (Interactive Session)

Course MSCM22 **S100AB**

Molecular Imaging Symposium: Oncologic MI Applications

Course MSMI22 **S405AB**

Rectal MRI - Bring Your Own Device (Hands-on)

Course RCA22 **S404CD**

10:30 AM–12:00 PM

Scientific Papers Sessions

Cardiac (Myocardial Ischemia and Viability (MRI): I)

Session SSC02 **S502AB**

Science Session with Keynote: Gastrointestinal (LiRADS)

Session SSC05 **N228**

Gastrointestinal (Liver Diffuse Disease, Fibrosis)

Session SSC06 **N229**

Science Session with Keynote: Musculoskeletal (Body Composition)

Session SSC10 **S102CD**

Neuroradiology/Head and Neck (Trauma Imaging: Picking Up the Pieces)

Session SSC11 **S402AB**

Physics (MR: New Techniques, Systems, Evaluation)

Session SSC12 **N226**

Vascular Interventional (Prostate and Uterine Embolization)

Session SSC15 **E352**

12:00–12:20 PM

Showcase Presentations

Machine Learning Theater: AI Improves Imaging Workflow for MR and PET Exams: Faster, Safer, and Smarter: Presented by Subtle Medical

Session ML23 . . . **Machine Learning Showcase North Hall**

3:00–4:00 PM**Scientific Papers Sessions**

Cardiac (MRI: General Topics)

Session SSE04 N226

Gastrointestinal (Advanced Imaging Texture Analysis)

Session SSE09 S404CD

Musculoskeletal (Upper Extremity)

Session SSE15 N228

Musculoskeletal (Metal Artifact Reduction Techniques)

Session SSE16 N227B

Neuroradiology (Epilepsy Imaging)

Session SSE19 E352

Pediatrics (Oncology and Nuclear Medicine)

Session SSE21 E353B

Physics (MR: Diffusion and Susceptibility Imaging)

Session SSE24 S504CDScience Session with Keynote: Radiation Oncology
(Gynecologic Cancers)**Session SSE25** S104B**4:30–6:00 PM****Educational Courses**

Special Interest Session: Imaging Cognition 2018: Addiction

Session SPSI22 E353CSpecial Interest Session: High-value MRI: Updates from the
February 2018 ISMRM-RSNA Co-provided Workshop**Session SPSI23** E450B**TUESDAY, NOV 27, 2018****7:15–8:15 AM****Educational Courses**Controversy Session: Prostate Cancer Imaging: Is the
Endorectal Coil Necessary?**Session SPSC30** E350**8:00–10:00 AM****Educational Courses**

Prostate MRI (Hands-on)

Course RCA31 S401AB**8:30 AM–12:00 PM****Educational Courses**Cardiac Series: Emerging Cardiovascular MR and CT Imaging
Techniques**Course RC303** E350

Genitourinary Series: Prostate MRI in the PI-RADS Era:
Detection, Diagnosis and MRI Guided/Targeted Interventions
Course RC307 **E353B**

Breast Series: MRI
Course RC315 **Arie Crown Theater**

8:30–10:00 AM

Educational Courses

Radiology Safety: Effective Strategies in Patient Care
(Interactive Session)
Course MSAS31 **S105AB**

Pulmonary Vascular Imaging
Course RC301 **S104B**

Challenging Cases in Body Oncologic Imaging (Interactive
Session)
Course RC318 **E353A**

Role of MR Imaging in Cancer Staging and Treatment
Course RC320 **S403B**

Functional MR Imaging for Normal Tissue Response
Assessment in Radiotherapy
Course RC322 **S104A**

MR Imaging of Rectal Cancer Before and After Therapy and
Recent Advances in Imaging (Interactive Session)
Course RC329 **N227B**

10:30 AM–12:00 PM

Scientific Papers Sessions

Gastrointestinal (Advanced Liver MR Imaging Techniques)
Session SSG05 **S503AB**

Nuclear Medicine (Gastrointestinal Oncology Nuclear Imaging)
Session SSG09 **S505AB**

Neuroradiology (Brain Tumors: Looking Beyond the Obvious)
Session SSG10 **E353A**

Neuroradiology (Molecular Neuroimaging: From Diffusion to
Beyond)
Session SSG11 **E351**

Radiation Oncology (CNS Malignancies)
Session SSG15 **S403B**

12:30–1:30 PM

Lunch and Learns

Lunch and Learn: Gadolinium Based Contrast Agents: Review
of Class Label Updates and Medication Guides and Current
Contrast Documentation Considerations: Presented by Bayer
(invite-only)
Session LL22 **S403A**

1:30–3:00 PM**Educational Courses**

Essentials of Neuro Imaging

Course MSES33 S100AB**3:00–4:00 PM****Scientific Papers Sessions**

Breast Imaging (Monitoring Response to Treatment)

Session SSJ01 E450A

Breast Imaging (US Advanced Applications)

Session SSJ02 E353C

Cardiac (Myocardial Disease)

Session SSJ03 E353A

Science Session with Keynote: Cardiac (Oncology)

Session SSJ04 E260

Science Session with Keynote: Chest (Thoracic MRI)

Session SSJ05 S404AB

Gastrointestinal (Hepatocellular Carcinoma Response Imaging)

Session SSJ07 S104A

Gastrointestinal (Pancreas Imaging)

Session SSJ08 S102CDScience Session with Keynote: Genitourinary (Benign
Gynecologic Disease)**Session SSJ10 S404CD**

Genitourinary (Scrotum and Bladder)

Session SSJ11 S403A

Molecular Imaging (Novel Multi-Modal Applications)

Session SSJ14 S505AB

Musculoskeletal (Muscle, Tendon and Nerve)

Session SSJ16 E353BScience Session with Keynote: Nuclear Medicine (Chest/
Breast Oncology Nuclear Imaging)**Session SSJ17 S504CD**

Neuroradiology (Artificial Intelligence in Neuroimaging)

Session SSJ18 E451BNeuroradiology (Movement Disorders: Moving Fast and
Moving Slow)**Session SSJ19 E351**

Physics (Image Reconstruction)

Session SSJ22 N227B

Vascular Interventional (Spine and Bone Intervention)

Session SSJ26 S502AB

4:30–6:00 PM**Educational Courses**

Nonischemic Cardiomyopathies: New Role of Cardiac MRI

Course RC403 E350

Imaging of the Colorectum

Course RC409 E352

Peripheral Artery Disease: CTA and MRA

Course RC412 N230B

The Neoadjuvant Patient

Course RC415 E353B

Emerging Technology: 3D Joint Imaging

Course RC417 S505AB

Tips, Tricks and Pitfalls in Body Oncological Imaging: Experts Tell All

Course RC418 N229

Imaging Cancer in the Cirrhotic Liver: What We Need to Know (Interactive Session)

Course RC429 S404CD**WEDNESDAY, NOV 28, 2018****7:15–8:15 AM****Educational Courses**

Hot Topic Session: Fast MSK MR Imaging

Session SPSH40 E450A**8:00–9:00 AM****Educational Courses**

ASRT@RSNA 2018: Ultrasound versus MRI for Imaging of the Female Pelvis

Course MSRT41 N230B**8:00–10:00 AM****Educational Courses**

Prostate MRI (Hands-on)

Course RCA41 S401AB**8:30–10:00 AM****Educational Courses**

Essentials of Temporal Bone Imaging

Course RC506 E451A

Head and Neck PET/CT: Clinical Approach

Course RC511 S504CD

BI-RADS Interactive Challenge (Interactive Game)

Course RC515 N227B

Emerging Technology: PET/MRI Update 2018

Course RC517 S505AB

Metabolic Tumor Imaging: Current and Beyond

Course RC518 N229

The Abbreviated Liver MRI Imaging Protocol

Course RC529 S102CD

8:30 AM–12:00 PM

Educational Courses

Musculoskeletal Series: Shoulder MRI

Course RC504 S406A

Neuroradiology Series: Stroke

Course RC505 E450A

Vascular Series: MR Angiography: New Techniques and Their Application

Course RC512 S503AB

Pediatric Series: Pediatric Radiology

Course RC513 S405AB

10:30 AM–12:00 PM

Educational Courses

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

Course MSR042 S103CD

10:30 AM–12:00 PM

Scientific Papers Sessions

Cardiac (CT, MRI and PET: General Topics)

Session SSK03 S102CD

Science Session with Keynote: Gastrointestinal (Colorectal Imaging)

Session SSK06 S502AB

Genitourinary (Renal Masses)

Session SSK09 N226

Genitourinary (PI-RADS)

Session SSK10 N228

Molecular Imaging (New Tracers)

Session SSK12 S504CD

Musculoskeletal (Advances in MR Imaging)

Session SSK13 N229

Neuroradiology (Functional Neuroimaging)

Session SSK16 E351

Physics (MR: Applications)

Session SSK17 E353B

12:30–1:30 PM

Lunch and Learns

Lunch and Learn: Thinking Faster, Safer, & Smarter: How You Can Use AI to Improve MR and PET Imaging Efficiency, Patient Satisfaction, and Safety: Presented by Subtle Medical (invite-only)

Session LL33 S403B

3:00–4:15 PM

Educational Courses

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

Course MSR044 S103CD

3:00–4:00 PM

Scientific Papers Sessions

Cardiac (Anatomy)

Session SSM03 S102CD

Cardiac (Arrhythmia and Electrophysiology)

Session SSM04 S103AB

Gastrointestinal (Gallbladder and Bile Ducts)

Session SSM09 S503AB

Informatics (Quantitative Imaging)

Session SSM12 E353B

Musculoskeletal (Novel Signs and Patterns)

Session SSM15 E450B

Neuroradiology (Advances in Neuro MRI)

Session SSM18 N226

Radiation Oncology (Genitourinary)

Session SSM22 E261

3:30–5:00 PM

Educational Courses

RSNA/ESR Sports Imaging Symposium: Postoperative Imaging of Sports Injuries

Course MSSR44 E352

4:30–6:00 PM

Educational Courses

Controversy Session: CT or MRI after Equivocal Appendix Visualization on Pediatric Ultrasound?

Session SPSC43 N226

Controversy Session: Gadolinium for MR Examination: To Give or Not to Give

Session SPSC44 N228

Controversy Session: CTA or MRA?

Session SPSC45 E353A

THURSDAY, NOV 29, 2018

7:15–8:15 AM

Educational Courses

Neuro Nightmares: Headscratchers from Overnight (Case-based Competition)

Session SPDL50 **E451B**

Controversy Session: In Stenotic Vascular Disease, Diameter Stenosis is All that Matters

Session SPSC50 **E350**

8:00–10:00 AM

Educational Courses

Prostate MRI (Hands-on)

Course RCA51 **S401AB**

8:30–10:00 AM

Educational Courses

Cardiac Imaging for Transcatheter Intervention Planning

Course RC603 **S103CD**

Chronic Pelvic Pain: Added Value of MRI in Endometriosis, Fibroids, and Pelvic Floor Relaxation

Course RC607 **S402AB**

Advanced Breast Imaging Technologies

Course RC615 **E451A**

Emerging Technologies: Prostate Cancer Imaging & Management - Update 2018

Course RC617 **S505AB**

Quantitative MR Imaging and Clinical Applications (Interactive Session)

Course RC629 **S103AB**

10:30 AM–12:00 PM

Scientific Papers Sessions

Breast Imaging (Abbreviated MRI, Ultrafast Imaging and Artificial Intelligence)

Session SSQ01 **E450A**

Cardiac (Great Vessels and Cardiopulmonary Disease)

Session SSQ02 **S404AB**

Science Session with Keynote: Cardiac (Coronary Artery Disease: CT and MR Techniques)

Session SSQ03 **S404CD**

Chest (Functional Lung Imaging/Dual-Energy CT/Radiation Dose Reduction)

Session SSQ05 **E353B**

Gastrointestinal (General Abdominal Imaging)

Session SSQ06 **E350**

Genitourinary (Functional Renal Imaging)

Session SSQ09 S103CD

Genitourinary (New Techniques in Prostate Imaging and Intervention)

Session SSQ10 S102CD

Molecular Imaging (Musculoskeletal, Gastrointestinal, Cardio)

Session SSQ12 S504CD

Musculoskeletal (Arthritis and Cartilage)

Session SSQ13 E451A

Nuclear Medicine (Technical Innovations and Emerging Opportunities)

Session SSQ14 S505AB

Neuroradiology (Dots and Dashes: Image Analysis in Neuroradiology)

Session SSQ15 S503AB

Neuroradiology (Cervicocranial Vascular Imaging)

Session SSQ16 S504AB

2:30–4:00 PM

Educational Courses

Rectal MRI - Bring Your Own Device (Hands-on)

Course RCA54 S404CD

3:00–4:00 PM

Educational Courses

Hot Topic Session: Immunotherapy for Cancer-A Demanding New Imaging Frontier

Session SPSH54 S503AB

4:30–6:00 PM

Educational Courses

Imaging of Thoracic Neoplasms: Update 2018 (Interactive Session)

Course RC701 E450A

Emerging Technology: Imaging of Dementias

Course RC717 S505AB

Pancreaticobiliary MR Imaging (Interactive Session)

Course RC729 S404CD

MR Imaging-guided Breast Biopsy (Hands-on)

Course RC750 E260

FRIDAY, NOV 30, 2018

8:30–10:00 AM

Educational Courses

MR Imaging in the Thorax

Course RC803 E353C

Ligamentous Injuries of the Knee: Mechanistic Approach with Emphasis on MR Imaging

Course RC804 **E451A**

Six Common Difficult Problems in GI and GU MRI: The Experts' Approach

Course RC829 **E351**

9:30 AM–12:30 PM

Educational Courses

International Symposium in Musculoskeletal Radiology (In Conjunction with Asian Musculoskeletal Society (AMS), European Society of Musculoskeletal Radiology (ESSR), German Society of Musculoskeletal Radiology (DGMSR), International Skeletal Society (ISS), Korean Society of Musculoskeletal Radiology (KSMR) and Society of Skeletal Radiology (SSR))

Session SPIS61 **E450A**

10:30 AM–12:00 PM

Scientific Papers Sessions

Chest (Thoracic Malignancy)

Session SST02 **E350**

Gastrointestinal (Advanced MRI Techniques)

Session SST03 **E352**

Genitourinary (Imaging of Pregnancy)

Session SST04 **E260**

Musculoskeletal (Spine)

Session SST05 **E351**

Nuclear Medicine (Abdomen and Pelvis Nuclear Imaging)

Session SST06 **E261**

Neuroradiology/Head and Neck (Head and Neck Imaging: Back to the Future)

Session SST07 **E353A**

Pediatrics (Neuroradiology)

Session SST08 **E263**

Posters and Exhibits Discussions

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

SUNDAY, NOV 25, 2018

12:30–1:00 PM

Scientific Posters

MRI Projection Mapping for Conserving Surgery of Breast Cancer in the Operation Room: A Feasibility Study

PH200-SD-SUA1 Station #1

1:00–1:30 PM

Scientific Posters

Abdominal Fast Advanced Spin Echo Diffusion-Weighted Imaging at High B Value: Phantom and Clinical Studies

GI333-SD-SUB1 Station #1

1:00–1:30 PM

Education Exhibits

New Findings on Breast MRI with Benign or Probably Benign Characteristics: Evaluation, Differential, and Management Dilemmas

BR174-ED-SUB10 Station #10

MONDAY, NOV 26, 2018

12:15–12:45 PM

Scientific Posters

Chemical Exchange Saturation Transfer MR Imaging for Mediastinal Masses: Phantom Study and Clinical Cases

PH211-SD-MOA2. Station #2

Diagnostic Performance of Intravoxel Incoherent Motion Diffusion-Weighted Imaging in the Assessment of the Dynamic Status of Myocardial Microvascular Circulation

CA210-SD-MOA1. Station #1

Eliminating Susceptibility Induced Hyperintensities in Ultra High Field T1w MPRAGE Brain Images

PH213-SD-MOA4 Station #4

Unmodified, Autologous Adipose Tissue Derived Regenerative Cells Improve Cardiac Function, Structure and Revascularization in a Porcine Model of Chronic Myocardial Infarction

CA215-SD-MOA6 Station #6

Use of KZ-Space in Multislice MRI for Sub-mm Through-Plane Resolution

PH217-SD-MOA8. Station #8

12:15–12:45 PM

Education Exhibits

Factors Affecting MRI Accuracy in Evaluating of Neoadjuvant Therapy Response in Breast Cancer: A Pictorial Review with Radiopathological Correlation

BR177-ED-MOA8. Station #8

Mentorship in Radiology: It Doesn't Have to Be All Greek to You

HP008-EB-MOA. Hardcopy Backboard

Probably Benign Assessment on Breast MRI: Appropriate and Inappropriate Utilization

BR181-ED-MOA12 Station #12

12:45–1:15 PM

Scientific Posters

Characterisation of Dynamic Nuclear Hyperpolarization by Hydrodynamics, Liquid-Surface Interaction and Liquid-to-Tissue Ratio

PH223-SD-MOB6 Station #6

Comparison of Diagonal and Three-Scan Trace Diffusion Modes in Diffusion-Weighted Imaging of Bladder Cancer

PH222-SD-MOB5 Station #5

Dynamic ADC Analysis of the Brain in the Supine and Upright Postures

PH219-SD-MOB2 Station #2

Intraindividual Comparison of Double Arterial-Phases Using Compressed Sensing Reconstruction with Conventional Single Arterial-Phase for Gadoteric Acid Liver MR Imaging

GI349-SD-MOB3. Station #3

Therapeutic Nipple Sparing Mastectomy (NSM): Tumor-To-Nipple Distance (TND) on Preoperative MRI as Useful Variable in Surgical Patient Selection and Outcomes

BR236-SD-MOB2 Station #2

Usefulness of Strain Imaging During Stress-CMR with Adenosine Infusion for a Combined Perfusion-Contractility Evaluation in Detection of Myocardial Ischaemia and Viability

CA222-SD-MOB6 Station #6

TUESDAY, NOV 27, 2018

12:15–12:45 PM

Scientific Posters

Differential Subsampling with Cartesian Ordering (DISCO) with Respiratory Triggering versus Conventional Liver Acquisition with Volume Acquisition (LAVA): A Multiple-Reader Preference Study

GI361-SD-TUA7 **Station #7**

Histological Whole-Slide Imaging for Invasive Breast Cancer: A Novel Technique to Obtain Quantitative Parameters Correlating with the Apparent Diffusion Coefficient

BR244-SD-TUA4 **Station #4**

Pre-Treatment Prediction of Pathologic Complete Response to Neoadjuvant Chemotherapy in Node-Positive Breast Cancer Patients: A Breast MRI Radiomics Pilot Study

BR243-SD-TUA3 **Station #3**

12:15–12:45 PM

Education Exhibits

Quantitative MRI Radiomics in Breast Cancer: Tumor Perfusion and Heterogeneity

BR009-EB-TUA **Hardcopy Backboard**

12:45–1:15 PM

Scientific Posters

Clinical Usefulness of Digital Breast Tomosynthesis (DBT) and Hybrid 18F-FDG PETMRI (PETMR) for Monitoring Neoadjuvant Chemotherapy (NAC) in Breast Cancer

BR247-SD-TUB1 **Station #1**

WEDNESDAY, NOV 28, 2018

12:15–12:45 PM

Scientific Posters

Accelerating MR Elastography: Comparison of Breath-Held, Free-Breathing, and Compressed Sensing Gradient Recalled Echo MR Elastography for Evaluating Liver Stiffness

GI369-SD-WEA1 **Station #1**

Associations Between Magnetic Resonance Imaging (MRI) Biomarkers and Tumor-Infiltrating Lymphocytes (TILs) in Breast Cancer: Results from a Preliminary Study

BR254-SD-WEA1 **Station #1**

Can MR Differentiate Between Low Rectal Cancer and Anal Cancer?

GI373-SD-WEA5 **Station #5**

Magnetic Resonance Liver Hepatic Quantification: Hepatic Steatosis Normalization after 6 Months of Sleeve Gastrectomy—Preliminary Results

GI372-SD-WEA4 Station #4

Magnetization Transfer Helps to Evaluate the Curative Effect Before and After Treatment of Diabetic Nephropathy

PH245-SD-WEA6 Station #6

Peritumoral Fat Content Correlates with Histologic Prognostic Factors in Breast Carcinoma: Iterative Decomposition of Water and Fat with Echo Asymmetry and Least-Squares Emission (IDEAL) Study

BR256-SD-WEA3 Station #3

12:45–1:15 PM

Scientific Posters

Performance of Screening Breast MRI According to Different Risk Categories

BR266-SD-WEB6 Station #6

Peristalsis MR Imaging in Direct Visualization of Physiological Intestinal Flow by Spin Labeling Technique

PH246-SD-WEB1 Station #1

THURSDAY, NOV 29, 2018

12:15–12:45 PM

Scientific Posters

Comparison between Abbreviated Protocol (AB-MR) and Full Diagnostic Protocol (FD-MR) in the Characterization of Lesions Detected by Breast MRI: A Multi-reader Study

BR272-SD-THA6. Station #6

Free Breathing Abdominal MRI: Preliminary Experience with In-Table Respiratory Gating

GI387-SD-THA7 Station #7

Prediction of Axillary Response by Monitoring with Ultrasound and MRI During and After Neoadjuvant Chemotherapy in Breast Cancer Patients

BR268-SD-THA2 Station #2

12:15–12:45 PM

Education Exhibits

Neck Magnetic Resonance Angiography for Determination of Neointimal Coverage of the Stenting Site After Carotid Artery Stenting

VI171-ED-THA8 Station #8

Systematic Approach to Lesions Involving Nipple-Areolar Complex Using MRI

BR212-ED-THA8 Station #8

12:45–1:15 PM**Scientific Posters**

Influence of Fat Deposition on T1 Mapping of the Pancreas:
Evaluation by Dual Flip Angle MR Imaging with and Without
Fat Suppression

GI390-SD-THB2 Station #2

T2-Weighted and Diffusion-Weighted MRI of Liver on 1.16 T
Open MRI Scanner: Image Quality Considerations in
Comparison to 1.5 T

GI392-SD-THB4 Station #4

12:45–1:15 PM**Education Exhibits**

MRI Biopsy Radiology/Pathology Concordance: A Rapid
Review of Common Pathologic Entities

BR219-ED-THB9 Station #9

Education Exhibits

SPACE NO.	EXHIBIT TITLE
BR012-EB-X	Incidental Extra-Mammary Findings on Breast MRI: A Pictorial Illustration
BR104-ED-X	A Radiologist's Practical Guide to use of DWI during Breast MRI
BR119-ED-X	How to Identify Women Who Are Above Average Risk for Developing Breast Cancer: Retrospective Review of our Institution's First Year Experience After Implementing a Breast Cancer Risk Assessment Program in Breast Imaging
BR129-ED-X	A Standardized Approach and Lexicon for Effective Reporting of Breast Cancer MRIs Pre and Post-Neoadjuvant Chemotherapy
BR137-ED-X	What Radiologists Should Know About Artifacts in Breast MRI
BR138-ED-X	Out With the Old... Let 'Go with the New BI-RADS MRI Guide for the Resident
BR140-ED-X	Looking Beyond: Extramammary Findings in Breast MRI
BR142-ED-X	The Role of Diffusion Weighted Mr Imaging in Breast Lesions
BR156-ED-X	Breast Cancer MRI Staging: An Easy to Follow Algorithm
BR159-ED-X	MRI vs Pathology: Evaluation of Pathologic Complete Response of Breast Cancer Subtypes After Neoadjuvant Chemotherapy - Can We Avoid Breast Surgery in the Era of Personalized Medicine?

VISIT THE RSNA SHOP

Located in RSNA Connections Center

**Take home great gifts
for family and staff!**



Clothing, Accessories and Souvenirs.
Quantities are limited.

RSNA[®]
Radiological Society
of North America



MAXIMIZE YOUR MEETING EXPERIENCE WITH VIRTUAL MEETING

Get the most out of RSNA 2018

- 200+ live and on-demand sessions
- CME credit for live and select on-demand courses
- Cases of the Day, scientific presentations, education exhibits
- Access through April 30, 2019

Upgrade to the Deluxe Package to get Virtual Meeting.

To purchase, log into your registration account at ***RSNA.org/Register***

VIRTUAL MEETING
RSNA® 2018
TOMORROW'S
RADIOLOGY TODAY





RSNA QUALITY ESSENTIALS AND ADVANCED LEVEL QUALITY CERTIFICATES

- Earn a Quality Essentials Certificate (QEC) by scoring 80% or higher on the SAM test at any of the following quality sessions: MSQI31, MSQI32 and MSQI33 on Monday, November 26 (Room S406B).
- Learn more about online opportunities for earning QECs and how QECs can lead to an Advanced Level Quality Certificate at [RSNA.org/Quality-Improvement](https://www.rsna.org/Quality-Improvement).

QUALITY IMPROVEMENT REPORT WALKTHROUGH

Learning Center, Quality Improvement Reports

Join experts in quality improvement in radiology, as they walk through the QI reports, highlighting examples of great work and sound methodology. Bring your walking shoes and come prepared for an interactive session. Those who are interested in leading and publishing QI projects in the coming months and years will find this especially valuable.

WALKTHROUGH DATE:

Monday, November 26,
3 to 4 PM

Questions? Please
email quality@rsna.org
for more information.

RSNA® 2018

MagnaTouch™



Our *multi-lingual* **MUSIC SYSTEM**

works with
ALL MRI's,
relaxing patients
and streamlining
through-put
GUARANTEED!

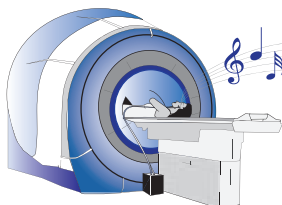


FEATURES AND BENEFITS:

- 🎵 Compatible with All MRI's **GUARANTEED!**
- 🎵 Compact design with **H**uman **F**actors **E**ngineering.
- 🎵 Multiple Listening Sources:
Internet Streaming, CD, MP3, USB, BlueTooth, Auxiliary Input for other devices.
- 🎵 Patented 8 Driver Transducer: *a lifetime warranty.*
- ★ **Patented MagnaCoil Headset System:**
Provides 30db of attenuation & fits in all coils.

*Visit us
for a
sweet treat!*

BOOTH
1900
HALL A



MAGNACOUSTICS™

www.mrimusic.com
TOLL FREE: 800.637.2282
OFFICE: 516.239.0042
EMAIL: sales@mrimusic.com