

# HEALTH POLICY/ LEADERSHIP & MANAGEMENT/ SAFETY & QUALITY/ PROFESSIONALISM

**104<sup>TH</sup> Scientific Assembly  
and Annual Meeting**

Radiological Society of North America  
McCormick Place, Chicago

**November 25–30**

Meeting.RSNA.org #RSNA18

**RSNA<sup>®</sup> 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

## Demonstrations

National Cancer Institute Image Perception Research Lab

**Session DM002. . . . . Learning Center, Hall D,  
Lakeside Center East**

## SUNDAY, NOV 25, 2018

### 8:30–10:15 AM

#### Plenary Sessions

Opening Session

**Session PS10 . . . . . Arie Crown Theater**

### 12:30–1:00 PM

#### Posters and Exhibits: Discussions

Health Service, Policy and Research Sunday Poster

Discussions

**Session HPS-SUA. . . . . HP Community, Learning Center**

### 1:00–1:30 PM

#### Posters and Exhibits: Discussions

Health Service, Policy and Research Sunday Poster

Discussions

**Session HPS-SUB. . . . . HP Community, Learning Center**

### 2:00–3:30 PM

#### Educational Courses

Radiology Stewardship in the Transition to High-Value Practice: A Primer for Resident and Faculty Education, Engagement, and Effectiveness

**Course RC102 . . . . . S502AB**

Experiencing Radiology: Patients' Perspectives (Sponsored by RSNA Public Information Committee)

**Course RC116 . . . . . E350**

Near Misses and Errors in Diagnostic Radiology and Radiation Oncology: What to Do Next?

**Course RC120 . . . . . S404AB**

Radiologist Peer-Review and Peer Learning-Options, Best Practices, and Future Directions

**Course RC127 . . . . . S403B**

Qualities of a Successful Leader

**Course RC132 . . . . . N227B**

Leveraging IT to Optimize Quality in Radiology

**Course RC154 . . . . . N229**

**MONDAY, NOV 26, 2018****8:30–10:00 AM****Educational Courses**

Medicolegal Issues for Radiologists-To Divulge or Not to Divulge: Diagnostic Misses and Errors (Sponsored by the RSNA Professionalism Committee)

**Course RC216 . . . . . N230B**

CT Dose Monitoring: Nuts, Bolts, and Tools... and What We Need to Build

**Course RC224 . . . . . N229**

Patient Centered Imaging: Research, Dissemination and Practice

**Course RC227 . . . . . E353A**

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

**Course RC229 . . . . . N228**

Burnout of a Radiology Physician Workforce

**Course RC232 . . . . . N226**

**10:30 AM–12:00 PM****Scientific Papers Sessions**

Health Service, Policy and Research (Education Research)

**Session SSC08 . . . . . S104A**

**10:30 AM–12:00 PM****Educational Courses**

Using Imaging Informatics to Enable Patient Experience Improvements in Radiology

**Course RCC22 . . . . . S501ABC**

**12:15–12:45 PM****Posters and Exhibits: Discussions**

Health Service, Policy and Research Monday Poster Discussions

**Session HPS-MOA . . . . HP Community, Learning Center**

**12:45–1:15 PM****Posters and Exhibits: Discussions**

Health Service, Policy and Research Monday Poster Discussions

**Session HPS-MOB . . . . HP Community, Learning Center**

**1:30–2:45 PM****Plenary Sessions**

Monday Plenary Session

**Session PS20 . . . . . Arie Crown Theater**

## 1:30–5:45 PM

### Educational Courses

Physics Symposium: Highlights of Medical Physics Leadership Academy (MPLA) Summer School

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

## 3:00–4:00 PM

### Scientific Papers Sessions

Breast Imaging (Patient-Centric Care)

**Session SSE02** . . . . . **E450B**

Health Service, Policy and Research (Trends and Utilization)

**Session SSE13** . . . . . **S403B**

Physics (CT: QA and Protocols)

**Session SSE22** . . . . . **S504AB**

Physics (Breast X-Ray Imaging)

**Session SSE23** . . . . . **S502AB**

## 3:30–5:00 PM

### Educational Courses

Commitment to Safety: Providing Effective & Efficient Imaging Services (Interactive Session)

**Course MSAS24** . . . . . **S105AB**

## 4:30–6:00 PM

### Educational Courses

Special Interest Session: High-value MRI: Updates from the February 2018 ISMRM-RSNA Co-provided Workshop

**Session SPSI23** . . . . . **E450B**

# TUESDAY, NOV 27, 2018

## 8:30 AM–12:00 PM

### Educational Courses

Health Policy & Practice Series: How to Take on the Role of Quality Officer in Radiology-Just Do It!

**Course RC327** . . . . . **N229**

## 8:30–10:00 AM

### Educational Courses

Radiology Safety: Effective Strategies in Patient Care (Interactive Session)

**Course MSAS31** . . . . . **S105AB**

Quality Improvement Symposium: Value in Imaging 1: Value in Radiology

**Course MSQI31** . . . . . **S402AB**

Communicating Effectively with Patients in the Digital Age (Sponsored by the RSNA Public Information Committee)

**Course RC316** . . . . . **S503AB**

Evolving Perspectives on Ultrasound Safety

**Course RC323** . . . . . **S504AB**

Clinical Optimization: Current and Future States

**Course RC332** . . . . . **S404CD**

Contrast Reaction (Hands-on)

**Course RC350** . . . . . **E260**

How Did I Miss That? Perceptual and Attentional Roots of  
Medical Errors

**Course RC354** . . . . . **N226**

## 10:30 AM–12:00 PM

### Educational Courses

Understanding the Critical Relationships of Quality,  
Experience, and Performance for Effective Imaging Services  
(Interactive Session)

**Course MSAS32** . . . . . **S105AB**

Essentials of Non-interpretative Skills

**Course MSES32** . . . . . **N226**

Quality Improvement Symposium: Value in Imaging 2: The  
Business Case for Quality

**Course MSQI32** . . . . . **S402AB**

The Nordic Countries Present: Radiology the Scandinavian  
Way, Future Potentials

**Session SPCP31** . . . . . **E353C**

## 10:30 AM–12:00 PM

### Plenary Sessions

Tuesday Morning Plenary Session

**Session PS31** . . . . . **E451B**

## 10:30 AM–12:00 PM

### Scientific Papers Sessions

Physics (CT: Radiation Dose)

**Session SSG12** . . . . . **S404CD**

## 12:15–12:45 PM

### Posters and Exhibits: Discussions

Health Service, Policy and Research Tuesday Poster  
Discussions

**Session HPS-TUA** . . . . . **HP Community, Learning Center**

## 12:45–1:15 PM

### Posters and Exhibits: Discussions

Health Service, Policy and Research Tuesday Poster  
Discussions

**Session HPS-TUB** . . . . . **HP Community, Learning Center**

## 1:00–4:00 PM

### Educational Courses

RSNA Resident and Fellow Symposium 2018: Transition to Early Career (Interactive Session)

**Course MSRP31** .....E451A

## 1:30–3:00 PM

### Educational Courses

Building the Management 'A Team' (Interactive Session)

**Course MSAS33** ..... S105AB

Quality Improvement Symposium: Value in Imaging 3: The Importance of Effective Communication

**Course MSQI33** .....S402AB

## 3:00–4:00 PM

### Scientific Papers Sessions

Health Service, Policy and Research (Economics and Cost-Effectiveness)

**Session SSJ12** ..... S403B

Informatics (Patient Safety, Data Sharing and Security)

**Session SSJ13** ..... N230B

## 4:30–6:00 PM

### Educational Courses

Use of Iodinated and Gadolinium-based Contrast Media 2018: Is Your Clinical Practice Up to Date?

**Course RC407** .....E351

Developing Competency in Non-Clinical Professional Roles in Radiology and Medicine (Sponsored by the RSNA Professionalism Committee)

**Course RC416** ..... S502AB

Making Patients and Staff Safer in Interventional Procedures

**Course RC423** ..... S403A

Objection! Medicolegal Issues for Today's Radiologist

**Course RC427** .....S404AB

Why Diversity and Inclusion Matter: Beyond Gender and Ethnicity

**Course RC432** .....S504AB

Don't Let MACRA and MIPS Kill Your Practice: How To Optimize Your Participation

**Course RCC35** ..... S501ABC

**WEDNESDAY, NOV 28, 2018****8:30–10:00 AM****Educational Courses**

Comparative Effectiveness Research: Translating Science into Health Policy and Practice

**Course RC527** . . . . . **E261**

Imaging Utilization, Clinical Decision Support, and Appropriateness

**Course RC532** . . . . . **E263**

Next Generation Reporting: Informatics to Improve the Value of Reporting

**Course RC554** . . . . . **S504AB**

Advanced Cybersecurity for Imaging Departments and Imagers: Threats, Vulnerabilities, and Best Practices

**Course RCC41** . . . . . **S501ABC**

**9:20–10:20 AM****Educational Courses**

ASRT@RSNA 2018: Tips and Tricks - Radiation Dose Aspects in Oncologic CT Imaging

**Course MSRT42** . . . . . **N230B**

**10:30 AM–12:00 PM****Scientific Papers Sessions**

Health Service, Policy and Research (Value, Outcomes and Risk)

**Session SSK11** . . . . . **S104A**

Physics (CT: Image Quality)

**Session SSK18** . . . . . **E353C**

**12:15–12:45 PM****Posters and Exhibits: Discussions**

Health Service, Policy and Research Wednesday Poster Discussions

**Session HPS-WEA** . . . . **HP Community, Learning Center**

**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**

**12:45–1:15 PM****Posters and Exhibits: Discussions**

Health Service, Policy and Research Wednesday Poster Discussions

**Session HPS-WEB** . . . . **HP Community, Learning Center**



## 1:30–4:50 PM

### Educational Courses

Hospital Administrators Symposium

**Session SPHA41** . . . . . S105AB

## 3:00–4:00 PM

### Scientific Papers Sessions

Science Session with Keynote: Breast Imaging (Risk-Based Screening: Should We Do It?)

**Session SSM02** . . . . . E350

Science Session with Keynote: Health Service, Policy and Research (Patient and Family-Centered Care)

**Session SSM11** . . . . . S403B

Neuroradiology (Contrast Issues in Neuroimaging)

**Session SSM19** . . . . . N227B

## 3:40–4:40 PM

### Educational Courses

ASRT@RSNA 2018: Toward True Professionalism - Becoming Your 'True Self'

**Course MSRT46** . . . . . N230B

## 4:30–6:00 PM

### Educational Courses

Informatics Strategic Planning and Execution: How-To's and Lessons Learned

**Course RCC45** . . . . . S501ABC

# THURSDAY, NOV 29, 2018

## 8:30–10:00 AM

### Educational Courses

Mini-course: Radiation Safety for Patients and Staff - Emerging Advances in Patient Radiation Protection

**Course RC625** . . . . . S105AB

Basic Principles of Cost-Effectiveness Analysis in Imaging

**Course RC627** . . . . . E353A

Essentials of Radiology Operation

**Course RC632** . . . . . S404AB

The Use of Business Analytics for Improving Radiology Operations, Quality, and Clinical Performance (In Association with the Society for Imaging Informatics in Medicine)

**Course RC654** . . . . . S104A

## 8:30 AM–12:00 PM

### Educational Courses

Pediatric Series: Pediatric Safety and Quality

**Course RC613** . . . . . S502AB

**10:30 AM–12:00 PM****Scientific Papers Sessions**

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

**Session SSQ05** . . . . . **E353B**

Gastrointestinal (Advanced CT Techniques)

**Session SSQ08** . . . . . **E352**

**11:45 AM–12:45 PM****Educational Courses**

ASRT@RSNA 2018: The Importance of Good Technique in Achieving Diagnostic Images

**Course MSRT54** . . . . . **N230B**

**12:15–12:45 PM****Posters and Exhibits: Discussions**

Health Service, Policy and Research Thursday Poster Discussions

**Session HPS-THA** . . . . **HP Community, Learning Center**

**12:30–2:00 PM****Educational Courses**

Growing Your Business with Social Media: Tips and Tricks for Department and Practice Managers

**Course RCC53** . . . . . **S501ABC**

**12:45–1:15 PM****Posters and Exhibits: Discussions**

Health Service, Policy and Research Thursday Poster Discussions

**Session HPS-THB** . . . . **HP Community, Learning Center**

**2:30–4:00 PM****Educational Courses**

Reject Rate Analysis in the Digital Era: Leveraging Informatics to Enhance Quality Control in Radiography

**Course RCB54** . . . . . **S401CD**

**4:30–6:00 PM****Educational Courses**

The Newly Hired Radiologist: Noninterpretive Skills for Success (Sponsored by the RSNA Professionalism Committee)

**Course RC716** . . . . . **S503AB**

Mini-course: Radiation Safety for Patients and Staff - Practice Tools and Approaches for Radiation Safety

**Course RC725** . . . . . **S102CD**

Physician Payment Reform and Radiology: Where Do We Stand and Where Are We Going?

**Course RC727** . . . . . **S103CD**

Physician Leadership Through Change  
**Course RC732** ..... **E261**

Value-based Imaging in the Accountable Care Organization Model  
**Course RC754** ..... **N230B**

Patient-Centric Radiology  
**Course RCC55** ..... **S501ABC**

## FRIDAY, NOV 30, 2018

**8:30–10:00 AM**

### Educational Courses

Interacting Effectively with Referring Physicians in the Digital Age (Sponsored by RSNA Public Information Committee)  
**Course RC816** ..... **E352**

CT Radiation Dose Reduction: Techniques and Clinical Implementation  
**Course RC823** ..... **E253CD**

Radiology Compensation and Finance  
**Course RC832** ..... **E353A**

## 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

Implementation of the Korean Clinical Imaging Guidelines: A Mobile App-Based Decision Support System  
**HP202-SD-SUA3** ..... **Station #3**

Reporting Bias: Association of Diagnostic Accuracy Estimates in Radiology Conference Abstracts with Full-Text Publication  
**HP201-SD-SUA2** ..... **Station #2**

The Diagnostic Performance of Contrast Enhanced Ultrasound Liver Imaging Reporting and Data System (CEUS LI-RADS) for Hepatocellular Carcinoma (HCC)  
**HP200-SD-SUA1** ..... **Station #1**

**12:30-1:00 PM****Education Exhibits**

Quality Measure Development, Implementation, and Future Needs: A Primer

**HP120-ED-SUA4 . . . . . Station #4**

**12:30-1:00 PM****Quality Improvement Reports**

Decreasing Duplicative Imaging: Clinical Decision Support Intervention to Reduce Unnecessary Abdominal Ultrasound Following Abdominal CT

**QI102-ED-SUA6 . . . . . Station #6**

Design and Impact of a Musculoskeletal (MSK) Image-Guided Procedure Curriculum for Radiology Residents

**QI003-EB-SUA . . . . . Hardcopy Backboard**

Improving Breast Imaging and Intervention's Staff Efficiency During an Upright Stereo Biopsy Procedure

**QI023-EB-SUA . . . . . Hardcopy Backboard**

Improving MRI Inpatient Access

**QI100-ED-SUA5 . . . . . Station #5**

Minimizing Patient Delays in Radiology Optimizing On - Time Starts for CT Procedures

**QI021-EB-SUA . . . . . Hardcopy Backboard**

Simulation Modeling: Radiology Analytics New Partner

**QI106-ED-SUA8 . . . . . Station #8**

Taking Musculoskeletal Radiography to the Next Level - A Quality Assurance and Improvement Initiative with a Multimethodology and Multidisciplinary Approach

**QI001-EB-SUA . . . . . Hardcopy Backboard**

Targeting the Top 5 On-Call Resident Misses with Focused Lecture Series: A Pilot Study

**QI104-ED-SUA7 . . . . . Station #7**

**1:00-1:30 PM****Scientific Posters**

Comparison of Total Gadolinium Retention in Human Bone Tissue After Injection of Gadoterate Meglumine versus Gadodiamide in Patients with Normal Renal Function

**HP203-SD-SUB1 . . . . . Station #1**

Lung Cancer Screening Engagement Through Breast Imaging: Population-Based Cross-Sectional Survey Results from the National Health Interview Survey

**HP204-SD-SUB2 . . . . . Station #2**

Process Simulation and Economic Assessment of a Brain CT to Improve the Patient Journey and Cost Efficiency

**HP205-SD-SUB3 . . . . . Station #3**

## 1:00–1:30 PM

### Education Exhibits

Practice-Building for the Modern Interventional Radiologist  
Using Traditional, Electronic, and Social Media

**HP007-EB-SUB . . . . . Hardcopy Backboard**

## 1:00–1:30 PM

### Quality Improvement Reports

Confused About with and Without: Assessment of Medical  
Providers' Knowledge of Abdominal CT Protocol  
Appropriateness

**QI101-ED-SUB1 . . . . . Station #1**

Developing a Comprehensive Prostate Imaging Service:  
Getting It Right & How to Achieve Quality in a Public Sector  
DGHS (District General Hospital Service) Group of Hospitals

**QI103-ED-SUB2 . . . . . Station #2**

ICU Radiographs: Appropriate Radiographic Positioning with  
Timely Recognition of Misplaced Lines, Tubes, and Drains

**QI002-EB-SUB . . . . . Hardcopy Backboard**

Implementation of a Two Prong, PACS-based, Continuous  
Quality Improvement Program into Routine Daily Clinical  
Operation in the Radiology Department

**QI022-EB-SUB . . . . . Hardcopy Backboard**

Improving Accuracy of the On-Call Radiology Worklist

**QI025-EB-SUB . . . . . Hardcopy Backboard**

Introducing On-Call into Medical Student Radiology Clerkship:  
Our Experience

**QI107-ED-SUB4 . . . . . Station #4**

Preventing Radiology Procedural Patient Safety Events by  
Improving Universal Protocol Through Implementation of a  
Standardized Time-Out

**QI004-EB-SUB . . . . . Hardcopy Backboard**

Process Improvement: How Can We Reduce Radiation  
Exposure to the Female Breast During Routine CT  
Examinations of the Abdomen and Pelvis?

**QI105-ED-SUB3 . . . . . Station #3**

## MONDAY, NOV 26, 2018

## 12:15–12:45 PM

### Scientific Posters

Comparison of Magnetic Resonance-Guided Focused  
Ultrasound with Pain Medication for Palliation of Painful Bone  
Metastases

**HP206-SD-MOA1 . . . . . Station #1**

Imaging Criteria Concordance Evaluation in a Multi-Clinical Trial Population: Immune-Related Response Evaluation Criteria in Solid Tumors (irRECIST) and Immune-Related Response Criteria (IrRC) versus Response Evaluation Criteria in Solid Tumors 1

**HP208-SD-MOA3 . . . . . Station #3**

Portable Chest Radiograph Utilization Among Inpatients

**HP210-SD-MOA5 . . . . . Station #5**

Prevalence of Pneumothorax Following Right-Heart Catheterization: Is Routine Post-Procedure Chest Radiography Indicated?

**HP207-SD-MOA2 . . . . . Station #2**

The Impact of Emerging Technologies on Residency Selection by Medical Students

**HP209-SD-MOA4 . . . . . Station #4**

## 12:15–12:45 PM

### Education Exhibits

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

**HP008-EB-MOA . . . . . Hardcopy Backboard**

## 12:15–12:45 PM

### Quality Improvement Reports

Addressing Overutilization of Inpatient Renal US Within 48 Hours of CT/MR Abdomen

**QI108-ED-MOA1 . . . . . Station #1**

Code Angio: A Lean Multidisciplinary Protocol to Decrease Interventional Radiologist Response Times for Trauma Patients with Acute Vascular Injury

**QI110-ED-MOA2 . . . . . Station #2**

Eliminating Radiology Specimen Labeling Errors Using a 2-Person Check

**QI005-EB-MOA. . . . . Hardcopy Backboard**

Targeting the Root Causes of Dissatisfaction with Root Cause Analysis: A Project to Improve the Process Around Patient Safety Events in Radiology

**QI007-EB-MOA. . . . . Hardcopy Backboard**

The Affidea MR Excellence Program: A Comprehensive MRI Optimization and Standardization Project

**QI112-ED-MOA3 . . . . . Station #3**

What Are Our Blind Spots? Using Peer-Learning to Create a Case Archive of Common Diagnostic Errors

**QI114-ED-MOA4 . . . . . Station #4**

Will The Real STAT Exam Please Stand Up? Reducing Inappropriately Ordered STAT Imaging Studies

**QI024-EB-MOA. . . . . Hardcopy Backboard**

## 12:45–1:00 PM

### Scientific Posters

Examination of Online Options for Patients Seeking Second Opinions in Radiology

**HP211-SD-MOB1 . . . . . Station #1**

Gender Disparity in Editorial Boards of Major Radiological Societies

**HP214-SD-MOB4 . . . . . Station #4**

Multisite Implementation of Integrated Clinical Decision Support at the Simulated Point-of-Order Entry

**HP215-SD-MOB5 . . . . . Station #5**

Outcomes of Radiology Medical Malpractice Lawsuits in Three States, 2008-Present

**HP212-SD-MOB2 . . . . . Station #2**

Whole-Body MRI Screening of an Asymptomatic Cohort: A Long-Term Follow-Up Study

**HP213-SD-MOB3 . . . . . Station #3**

## 12:45–1:15 PM

### Education Exhibits

Translating Research into Reimbursement: Taking New Technology through the CPT Code and RUC Valuation Processes

**HP119-ED-MOB6 . . . . . Station #6**

## 12:45–1:15 PM

### Quality Improvement Reports

Clean Reading Room Initiative: Impact of Various Interventional Processes

**QI006-EB-MOB. . . . . Hardcopy Backboard**

Ensuring MIPS/MACRA Radiation Dose Reduction

Compliance: Automated Evaluation of Enterprise Radiology Reports

**QI008-EB-MOB. . . . . Hardcopy Backboard**

Implementation of TIRADS Ultrasound Reporting in a Pediatric and Adult Practice Group: What We Learned

**QI115-ED-MOB4 . . . . . Station #4**

Improving Reporting of Lesion Location by Unifying the Acquisition Angles on Prostate MR in Our Trust - A Quality Improvement Project

**QI113-ED-MOB3 . . . . . Station #3**

Optimization of a Prostate MRI Value Chain to Increase Patient Access and Improve Prostate Cancer Care

**QI111-ED-MOB2. . . . . Station #2**

Reliable Projectile Hazard Reduction in MRI

**QI109-ED-MOB1 . . . . . Station #1**

**TUESDAY, NOV 27, 2018****12:15–12:45 PM****Scientific Posters**

Are Patient-Centered Outcomes Reported in the Imaging Literature? a Secondary Analysis of the American College of Radiology Appropriateness Criteria

**HP216-SD-TUA1 . . . . . Station #1**

Cost-Effectiveness Analysis of US versus MRI for the Initial Evaluation of Superficial Masses of the Extremities

**HP217-SD-TUA2 . . . . . Station #2**

It Takes a Village: Active Faculty Engagement in Quality Improvement Using a Departmental Quality Improvement Committee

**HP219-SD-TUA4 . . . . . Station #4**

Nasopharyngeal Carcinoma: Choosing Chest CT or DR as a Baseline Staging Imaging Modality?

**HP218-SD-TUA3 . . . . . Station #3**

Quantifying the Radiation Safety Benefits of a New Interventional Radiology Suite

**HP220-SD-TUA5 . . . . . Station #5**

**12:15–12:45 PM****Education Exhibits**

Past, Current, and Future About Consultation of Outside Radiology Studies: A Comprehensive Review with Emphasis on Patient's, Referring Physician's, and Radiologist's Perspective

**HP121-ED-TUA6 . . . . . Station #6**

**12:15–12:45 PM****Quality Improvement Reports**

Impact of a Standardized Reporting Format on the Quality of MRI Reports for Rectal Cancer Staging

**QI120-ED-TUA3 . . . . . Station #3**

Improving Procedures Of Children MRI Under Sedation - Benefits From Quality Control Circle

**QI122-ED-TUA4 . . . . . Station #4**

Reducing Radiology Referral Form Inadequacies to Improve Patient Safety and Quality of Care

**QI118-ED-TUA2 . . . . . Station #2**

The Effects of a National Dissemination Project Aimed at Reducing Radiation Dose for Kidney Stone CT

**QI011-EB-TUA . . . . . Hardcopy Backboard**

TIPS Ultrasound Improvement from a Different Angle: A Web-Based Training Lecture to Provide On-going Education to Ultrasonographers

**QI009-EB-TUA . . . . . Hardcopy Backboard**



Use of New Proforma for Pre-Procedure Documentation for Ultrasound and Fluoroscopy Guided Musculoskeletal Radiology Interventional Procedures Improves Adherence to ACR/SIR Practice Guidelines – A Quality Improvement Project Based on PDSA cyc

**QI116-ED-TUA1 . . . . . Station #1**

## **12:45–1:15 PM**

### **Scientific Posters**

Comprehensive Assessment of Fat Depots Using Multilayer Segmentation Techniques and Its Correlation with Anthropometric Measures on Computed Tomography Images

**HP223-SD-TUB3 . . . . . Station #3**

Gun Violence and Image Utilization at a Level-one Trauma Center

**HP225-SD-TUB5 . . . . . Station #5**

Patients Who Underwent Percutaneous Liver RFA for Malignancy Did Better When Admitted to Racially Diverse Hospitals

**HP222-SD-TUB2. . . . . Station #2**

Sonographer as a Source of Variability for Swear Wave Elastography: Separating Patient and Sonographer Variability Using Complete Block Design

**HP224-SD-TUB4 . . . . . Station #4**

Thoracic Duct Embolization – Value Analysis Using a Time-Driven Activity-Based Costing Approach: A Single Institution Experience

**HP221-SD-TUB1 . . . . . Station #1**

## **12:45–1:15 PM**

### **Education Exhibits**

'Imaging' the Current State of Patient Experience and Imagining the Future State

**HP122-ED-TUB6 . . . . . Station #6**

## **12:45–1:15 PM**

### **Quality Improvement Reports**

A Collaborative Approach to Reducing Potential Cross-Contamination in Nuclear Medicine Department Restrooms

**QI010-EB-TUB . . . . . Hardcopy Backboard**

Back to Basic: With Modern Technology, Personal Touch is the Brilliance of Human Connection

**QI012-EB-TUB . . . . . Hardcopy Backboard**

Hypnosis as an Alternative to Pharmacologic Sedation in MR: An Initial Experience with Claustrophobic Patients

**QI119-ED-TUB2. . . . . Station #2**

Reducing Extrinsic Distractions to Radiologists Under Mounting Pressure

**QI117-ED-TUB1 . . . . . Station #1**

Streamlined Pancreatic Cyst Evaluation on MRI Abbreviated Protocol (SPaCEMAP) - Reducing Waiting Times in a General Hospital Setting

**QI121-ED-TUB3 . . . . . Station #3**

Tailoring Reports to Clinicians' Needs: Use of Structured Templates to Categorize Intracranial Metastases Treated with Stereotactic Radiosurgery

**QI123-ED-TUB4 . . . . . Station #4**

## WEDNESDAY, NOV 28, 2018

### 12:15–12:45 PM

#### Scientific Posters

Citation Bias in Imaging Research: Are Studies with Higher Diagnostic Accuracy Estimates Cited More Often?

**HP230-SD-WEA5 . . . . . Station #5**

Diagnostic Radiology Has the Most Patient Encounters

**HP229-SD-WEA4 . . . . . Station #4**

Follow-up of Abdominopelvic Imaging Findings Indeterminate for Malignancy in Hospitalized and Emergency Department Patients: Reporting Imaging Findings Alone is Insufficient

**HP227-SD-WEA2 . . . . . Station #2**

The Role of Post-Mortem CT in Cases of Murder with Corpse Concealment

**HP226-SD-WEA1 . . . . . Station #1**

Under-Representation of Women on Radiology Editorial Boards

**HP228-SD-WEA3 . . . . . Station #3**

### 12:15–12:45 PM

#### Quality Improvement Reports

A Peer-Review Tool for X-Ray Technologists to Assess Image Quality in General Radiography

**QI124-ED-WEA1 . . . . . Station #1**

A Quality Improvement Project on Reducing Inappropriate Imaging Requests by Increasing Awareness of iRefer Guidelines

**QI126-ED-WEA2 . . . . . Station #2**

Auditing a ACR-TIRADS Implementation Program - Effect on Reporting and Management of Thyroid Nodules in an Academic Ultrasound Department

**QI130-ED-WEA4 . . . . . Station #4**

Development of the Diagnostic Reference Level for Plain Radiographic Exams: Results of the Nation-Wide Survey in South Korea

**QI128-ED-WEA3 . . . . . Station #3**

Impact of a Same-Day Biopsy Program on Time to Diagnosis for Patients with Suspicious Breast Findings

**QI015-EB-WEA . . . . . Hardcopy Backboard**

Quality Initiative to Improve the Transcription of Clinical Information to the Radiology Information System

**QI013-EB-WEA . . . . . Hardcopy Backboard**

## **12:45–1:15 PM**

### **Scientific Posters**

Authorship Positions in Radiology: Is There Gender Gap?

**HP231-SD-WEB1 . . . . . Station #1**

Discrepancy Rates and Trends Among Neuroradiology Fellows

**HP233-SD-WEB3 . . . . . Station #3**

How Specialized are Radiologists Who Are Reading MRI Studies of the Upper and Lower Extremities?

**HP232-SD-WEB2 . . . . . Station #2**

Roles of Radiologists and other Physicians in Endovascular Neuro-Interventions of the Head and Neck: An Appraisal

**HP235-SD-WEB5 . . . . . Station #5**

The Perception Gaps between Radiologists and Clinicians: Assessing the Current and Future Role of a Radiologist

**HP234-SD-WEB4 . . . . . Station #4**

## **12:45–1:15 PM**

### **Quality Improvement Reports**

Changing from an Institution Based Resident on Call to a Federated Regional Model - Improving Quality of a Regional Radiology Service

**QI016-EB-WEB . . . . . Hardcopy Backboard**

How to Use 5S Lean Methodology in Radiology Exam Rooms

**QI014-EB-WEB . . . . . Hardcopy Backboard**

How to Use Lead Apron to Reduce Excess Radiation Dose Caused by Over-Scan in Computed Tomography

**QI129-ED-WEB3 . . . . . Station #3**

Improving Veterans Access to Ultrasound Clinic in VA Ann Arbor Healthcare System Within 30 Days of Order Date

**QI127-ED-WEB2 . . . . . Station #2**

Initial Experience of Volume CT in Pediatrics: Can Anesthesia Be Avoided?

**QI125-ED-WEB1 . . . . . Station #1**

What Role Do Decision Making Tools Play in the Investigation of Pulmonary Emboli - an Audit into the Clinical Appropriateness of CT Pulmonary Angiogram Requests in the Investigation of Acute Pulmonary Emboli

**QI131-ED-WEB4 . . . . . Station #4**

THURSDAY, NOV 29, 2018

12:15–12:45 PM

Scientific Posters

Acute Adverse Events Following Gadolinium-Based Contrast Agent Administration: A Single-Center Retrospective Study of 281,945 Injections

HP237-SD-THA2..... Station #2

Analysis of Emergency Department Facility Usage by Young Adult Population

HP238-SD-THA3 ..... Station #3

Diagnostic Performance of PET/MRI for Liver Metastasis in Patients with Primary Malignancy: A Systematic Review and Meta-Analysis

HP236-SD-THA1..... Station #1

12:15–12:45 PM

Quality Improvement Reports

Change Management Strategies Used to Overcome Image Quality Concerns While Implementing a CT Dose Reduction Project

QI132-ED-THA1..... Station #1

Decreasing ED CT Interpretation Turn Around Times in an Academic Radiology Department

QI017-EB-THA..... Hardcopy Backboard

Evaluation of a Low Dose Technique for the Performance of CT Guided Lumbar Foraminal Nerve Blocks

QI136-ED-THA3 ..... Station #3

Reducing the Number of Knee MRIs in Patients with Severe Degenerative Change

QI134-ED-THA2 ..... Station #2

STAT! STAT! ... STAT?: A Multidisciplinary Collaboration To Develop and Implement a New Multi-tiered Order Priority Classification System

QI019-EB-THA ..... Hardcopy Backboard

12:45–1:15 PM

Scientific Posters

Improving Compliance in Multi-institutional PET/CT Clinical Trials via Real Time Quality Assurance Checking

HP241-SD-THB3..... Station #3

Is Our Job Making Us Fat?: Radiologist Work Environment and Reported Health Survey

HP239-SD-THB1..... Station #1

Measuring Radiologists Posture Improvement Using a Smart Chair

HP240-SD-THB2 ..... Station #2

**12:45–1:15 PM****Quality Improvement Reports**

A Multifaceted Approach to Improving Radiology Resident Proficiency in Managing Acute Adverse Reactions to Intravenous Contrast Administration

**QI133-ED-THB1 . . . . . Station #1**

Implementing a Fully Model Based Iterative Reconstruction Algorithm in a High Volume CT Practice

**QI135-ED-THB2 . . . . . Station #2**

Interruptions During on Call Radiology in a University Teaching Hospital

**QI018-EB-THB . . . . . Hardcopy Backboard**

Mechanical Thrombectomy Intervention Times After Implementing CT Perfusion to Stroke Triage Protocol

**QI020-EB-THB . . . . . Hardcopy Backboard**

## Education Exhibits

SPACE NO.	EXHIBIT TITLE
HP001-EB-X	Can My Patient Get an MRI? MR imaging in Patients with Implanted Devices or Other Foreign Bodies: Getting Safely from 'No' or 'I Don't Know' to 'Yes'
HP002-EB-X	When Resiliency Isn't Enough: Improving Resident Wellbeing through a Formalized Approach
HP003-EB-X	Safe Infant: A Checklist For Reducing Radiation Exposure to the Radiologist and Fetus in Early Pregnancy
HP004-EB-X	Coaching: An Educational Technique to Improve Competency and Procedural Skills in Interventional Radiology
HP005-EB-X	Out of Focus: The Impact on Productivity and Methods for Elimination
HP006-EB-X	How Much Do I Have to Pay? Price Transparency in Interventional Radiology
HP100-ED-X	Developing a Personalized Breast Screening Program and Centralized Breast Imaging Center in a Community-Based Health Network: A How-To Guide with Clinical Outcomes
HP101-ED-X	Education in the Radiology Reading Room: More than See One, Do One, Teach One
HP102-ED-X	Rationale and Scope of Patient-Friendly ACR Appropriateness Criteria® Summaries
HP103-ED-X	Imaging Wisely: An Introduction to the ACR Appropriateness Criteria and Analysis of Impact on Internal Medicine Residents
HP104-ED-X	Shared Decision Making: A Primer for the Busy Radiologist
HP105-ED-X	Time-Driven Activity-Based Costing in Radiology: How to Use it in Your Practice?
HP106-ED-X	Healthy Habits in the Radiology Reading Room
HP107-ED-X	Starting a Contrast Enhanced Ultrasound Practice from Scratch: Tips and Lessons Learned

- HP108-ED-X** IV Contrast Agent Administration in Pregnant and Lactating Patients - What Do You Need to Know
- HP109-ED-X** Lessons from the Past: An Overview of Tumor Response Criteria
- HP110-ED-X** Dual-Energy CT Virtual Classroom: How to Create an Enriched Learning Experience for Technologist and Radiologist
- HP111-ED-X** Magnetic Resonance Imaging in Patients with Cardiac Permanent Pacemakers and Defibrillators: Survey Results of Current Practice in Academic Radiology Departments in North America
- HP112-ED-X** Beyond the ABR Study Guide: Implementing a Radiology Residency Quality Curriculum to Meet and Exceed Requirements
- HP113-ED-X** A MIPS (Merit-Based Incentive Payment System) Tutorial: The Transformation of Healthcare and What It Means for Your Practice
- HP114-ED-X** How One Radiology Department Manages Patients with a Novel Oncologic Drug Delivery Device (Neulasta Onpro On-body Injector)
- HP115-ED-X** Integration of Radiology in Pre-Clinical Anatomy Medical Education
- HP116-ED-X** Power Injectors and Compatible Intravenous Catheters: A Review and Quick Reference for Radiologists
- HP117-ED-X** Data Driven Quality and Safety Program in Radiology: Potential and Challenges
- HP118-ED-X** Key Metrics for Financial Success in Your Practice: Understanding Your Radiologist Performance Executive Dashboard

# WHAT'S THE BIG IDEA? *YOU TELL US.*

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- Applied Science
- Quality Improvement Reports
- Education Exhibits

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