

RSNA® 2019
DECEMBER 1-6

Health Policy/ Leadership & Management/ Safety & Quality/ Professionalism

RADIOLOGICAL SOCIETY
OF NORTH AMERICA
105TH Scientific Assembly
and Annual Meeting

Meeting.RSNA.org
#RSNA19

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

Walk Through the Week

Demonstrations

National Cancer Institute (NCI) Perception Research Lab
Session DM100 Learning Center, Hall D

Sunday, Dec. 1, 2019

10:45 AM-12:15 PM

Educational Courses

Best Clinical Trials @ RSNA 2019
Session SPCT10E352

10:45 AM-12:15 PM

Scientific Papers Sessions

Science Session with Keynote: Emergency Radiology
(Practice Management)
Session SSA06 N227B
Physics (Radiation Dose - Radiography/Fluoroscopy)
Session SSA20E351
Physics (MRI - New Techniques and Image Quality)
Session SSA22 E353A
Vascular/Interventional (Lung Cancer Science)
Session SSA24 S404CD

11:00-11:20 AM

Showcase Presentations

RSNA AI Theater: Practical Experience with Production
Deployment of AI: Presented by Zebra Medical Vision and
Intermountain Healthcare
Session AI12 AI Showcase North Building Level 2

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**

Moving Past Burnout: Strategies Beyond Individual Interventions to Mitigate Work-related Stress and Promote Physician Wellness in Radiology (Sponsored by the RSNA Professionalism Committee)

Course RC116 **S503AB**

Making Patients and Staff Safer in Interventional Procedures

Course RC123 **E353A**

Patient-centered Imaging: Research, Dissemination and Practice

Course RC127 **S502AB**

Show Me the Money: Financial Outlook of Radiology

Course RC132 **N228**

Using Imaging Informatics to Enable Patient Experience Improvements in Radiology

Course RC153 **S406B**

Monday, Dec. 2, 2019**8:30 AM–12:00 PM****Educational Courses**

Health Policy and Practice Series: Health Policy & Quality-Buy-in, Metrics, and Motivation

Course RC227 **S501ABC**

8:30–10:00 AM**Educational Courses**

Globally Competent Professionals in the Workforce (Sponsored by the Associated Sciences Consortium)

Course MSAS21 **S105AB**

Improving Patient Experience through Human Design Thinking (Sponsored by the RSNA Public Information Committee)

Course RC216 **S403B**

Radiology Practice Under New Healthcare

Course RC232 **N230B**

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

Physics (CT Radiation Dose)

Session SSC12 **S504AB**

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**Educational Courses**

Basic Physics Lecture for the RT: Radiation Safety Refresher Course

Session SPPH21 **S402AB**

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**

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

Breast Imaging (Risk and Density)

Session SSE01 **E450A**

Breast Imaging (Ultrasound Screening)

Session SSE02 **E451B**

Health Service, Policy and Research (Trends and Utilization)

Session SSE13 **E261**

Informatics (Artificial Intelligence: Triage, Screening, Quality)

Session SSE14 **S406B**

Vascular/Interventional (Education and Safety)

Session SSE26 **E260**

3:30–5:00 PM**Educational Courses**

You Get What You Measure: Fixing How We Assess Radiologist Productivity (Sponsored by the Associated Sciences Consortium) (Interactive Session)

Course MSAS24 **S105AB**

Tuesday, Dec. 3, 2019**7:15–8:15 AM****Educational Courses**

Houston, We Have a Problem (Case-based Competition)

Session SPDL30 **E451B**

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

Regulatory and Compliance Standards in Radiology
(Sponsored by the Associated Sciences Consortium)
(Interactive Session)

Course MSAS31 **S105AB**

Essentials of Non-interpretive Skills (Interactive Session)

Course MSES31 **S100AB**

Quality Improvement Symposium: Staff Wellness and
Development

Course MSQI31 **S402AB**

Becoming a Leader in Non-clinical Professional Roles in
Radiology and Medicine (Sponsored by the RSNA
Professionalism Committee)

Course RC316 **S404AB**

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

Course RC324 **N226**

Basic Principles of Cost-effectiveness Analysis in Imaging

Course RC327 **S104A**

Burnout of a Radiology Physician Workforce

Course RC332 **E353A**

Contrast Reaction Management: Hands-on Simulation
(Hands-on)

Course RC350 **E260**

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

Course RC354 **S404CD**

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

Course RCC31 **S501ABC**

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

Quality Improvement Symposium: Patient-centered Care

Course MSQI32 **S402AB**

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

Physics (CT Image Quality)

Session SSG12 **S501ABC**

12:00–12:20 PM**Showcase Presentations**

RSNA AI Theater: ScanDiags-AI-driven Decision Support from
Musculoskeletal MRI: Presented by Balzano AI Engineers

Session AI34 **AI Showcase North Building Level 2**

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

Health Service, Policy and Research Tuesday Poster
Discussions

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

12:30–1:30 PM**Lunch and Learns**

Lunch and Learn: Maturing Your Organization's Capability to
Develop and Utilize Heterogenous, Longitudinal, and
Regulatory Grade Real-world Evidence: Presented by Life
Image (RSVP-required)

Session LL21 **S403B**

Lunch and Learn: Where the AI 'Rubber' Meets the Road:
Making Deep Learning Technology Clinically Safe and
Operationally Impactful for Breast Screening: Presented by
Kheiron Medical Technologies (RSVP-required)

Session LL23 **S403A**

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 2019 (Interactive
Session)

Course MSRP31 **E451A**

1:30–3:00 PM**Educational Courses**

Quality Improvement Symposium: Quality Program in
Radiology

Course MSQI33 **S402AB**

2:30–4:00 PM**Educational Courses**

Reimbursement Topics in 3D Printing

Course RCC34 **E351**

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

Gastrointestinal (CT Dose and Abbreviated MR Screening
Techniques)

Session SSJ08 **S401CD**

Health Service, Policy and Research (Education and
Academics)

Session SSJ12 **E260**

**3:30–5:00 PM****Educational Courses**

Reality Check: The Continuing Collision of Health, Technology, and Design (Sponsored by the Associated Sciences Consortium) (Interactive Session)

Course MSAS34 S105AB

4:30–6:00 PM**Educational Courses**

Evolving Perspectives on Ultrasound Safety

Course RC423 E353A

Objection! Medicolegal Issues for Today's Radiologist

Course RC427 E260

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

Imaging Utilization, Clinical Decision Support, and Appropriateness

Course RC432 S503AB

Wednesday, Dec. 4, 2019**8:30–10:00 AM****Educational Courses**

Paid Family/Parental Leave in Radiology with a Focus on Private Practice: A Panel Discussion (In Conjunction with the American Association for Women Radiologists)

Course RC516 S404CD

Radiologist Peer-Review and Peer Learning: Options and Implementation Strategies in Academic and Private Practices

Course RC527 S104A

Why Diversity and Inclusion Matter: Beyond Gender and Ethnicity

Course RC532 S403B

The RSNA Technology Stack for Semantics and Reporting: RadLex, RadElement and RadReport

Course RC553 S103AB

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

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

Session SSK12 S104A

Physics (CT Protocols/Risk Reduction)

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

12:45–1:15 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 S503AB

2:20–3:20 PM**Educational Courses**

ASRT@RSNA 2019: Professionalism in Everyday Practice

Course MSRT45 N230B

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

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

Session SSM13 S404CD

Informatics (Image Sharing, Data, Security, Quality)

Session SSM15 E353B

4:30–6:00 PM**Educational Courses**

Controversy Session: Contrast Agent Controversies

Session SPSC41 N228

Controversy Session: Radiology Practice Standards

Session SPSC43 N226

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

Mitigating Unconscious Bias in Recruitment and Hiring

Course RC616 N229

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

Course RC627 S504AB

Clinical Optimization: Current and Future States

Course RC632 N226

**8:30 AM–12:00 PM****Educational Courses**

Pediatric Series: Pediatric Safety and Quality

Course RC613 **S502AB****9:15–10:15 AM****Educational Courses**

ASRT@RSNA 2019: CT Dose Awareness and Reduction

Course MSRT52 **N230B****10:30 AM–12:00 PM****Scientific Papers Sessions**

Physics (Deep Learning - Dose Reduction and Image Quality)

Session SSQ19 **E353B****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**Next Generation Reporting: Informatics to Improve the Value
of Reporting**Course RCC53** **E351****12:45–1:15 PM****Posters and Exhibits: Discussions**

Health Service, Policy and Research Thursday Poster

Discussions

Session HPS-THB **HP Community, Learning Center****4:30–6:00 PM****Educational Courses**Patient and Physician Communication in the Digital Era
(Sponsored by the RSNA Public Information Committee)**Course RC716** **N229**CT Radiation Dose Reduction: Techniques and Clinical
Implementation**Course RC723** **S504AB**Beyond the Podium: Tips for Better Teaching and Testing from
Trainees through CME**Course RC727** **S501ABC**

Emotional Intelligence, Empathy, and Resilience

Course RC732 **E353A****Friday, Dec. 6, 2019****8:30–10:00 AM****Educational Courses**Taking Action to Promote Gender Inclusion in Radiology: A
Roadmap for Progress (Sponsored by the RSNA
Professionalism Committee)**Course RC816** **E253CD**

Engaging Patients: Opportunities and Challenges for Radiology

Course RC827 **E261**Radiology Benchmark: Productivity, Quality, and
Compensation**Course RC832** **E353A****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**Gadolinium Retention in Tissues and Biofluids Following
Intravenous Gadolinium-Based Contrast Administration in a
Preclinical Animal Model**HP202-SD-SUA3** **Station #3**Survey of Competitive Behavior of Screening Mammography
Facilities in the United States**HP200-SD-SUA1** **Station #1**Transcontinental Thematic Analysis of Gender Role in Medical
Schools Leadership: A message to Academic Radiology &
Hospital Administration**HP201-SD-SUA2** **Station #2****12:30–1:00 PM****Education Exhibits**How to Read a CT of the Abdomen and Pelvis: Creating an
Interactive Educational Website for Residents, Medical
Students, and Technologists**HP006-EC-SUA** **Custom Application
Computer Demonstration**

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

Dual-Energy CTA for GI Bleeding: Reducing Patient Radiation Dose and Table Time

QI005-EB-SUA **Hardcopy Backboard**

Impact of ABUS Implementation on Workflow in a Small Breast Center

QI018-EB-SUA **Hardcopy Backboard**

Improving Radioprotection Practices in the Operating Room

QI007-EB-SUA **Hardcopy Backboard**

Improving Reporting of High Radiation Dose Events in Fluoroscopy to Meet Joint Commission Requirements

QI006-EB-SUA **Hardcopy Backboard**

Our Work is Never Done: Continuous Quality Improvement in the EC

QI102-ED-SUA1 **Station #1**

Procedure for Optimal Implementation of Automatic Tube Potential Selection in Pediatric CT to Reduce Radiation Dose and Improve Workflow

QI101-ED-SUA3 **Station #3**

The Effect of a Radiology Nurse Navigator on Improving the Timeliness of Breast Care by Minimizing the Interval Time between Abnormal Breast Imaging and Image Guided Needle Biopsy

QI100-ED-SUA2 **Station #2**

1:00–1:30 PM**Scientific Posters**

Burnout, Professional Fulfillment and Intent-to-Leave amongst Radiologists in the United States (US): An Epidemiologic Study

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

Improving Radiology Residents' Radiological Interpretation Through Formative Feedback with Eye Tracking

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

The Impact of Sociodemographic Factors in Breast, Prostate and Lung Cancer in the Patterns of Care Related to the Availability of Radiation Therapy (RT) in a Rural Mountain West State

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

1:00–1:30 PM**Education Exhibits**

Interactive, Up-to-Date Meta-Analysis [iu-ma]: A Novel, Personalized Format to Bring the Latest High-Level Evidence to All Stakeholders Involved in Patient Care

HP129-ED-SUB4 **Station #4**

1:00–1:30 PM**Quality Improvement Reports**

"United We Stand"; Contrast Reaction Management Training for Outpatient Imaging Centers with Emphasis on Teamwork

QI105-ED-SUB2 **Station #2**

A Comprehensive Lean Strategy to Improve Patient Access to MRI Examinations in an Integrated Multispecialty Practice

QI106-ED-SUB3 **Station #3**

Centralized Radiology Scheduling: How Improving Its Efficiency Can Improve Patient Access to Imaging and Satisfaction: A Close Examination of Key Process Steps and Process Metrics

QI104-ED-SUB1 **Station #1**

Improving Accuracy and Reliability of TIRADS Reporting with Novel Automated Points-Based Template

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

State-Mandated Breast Density Notifications: Can They Be Less "Dense"?

QI029-EB-SUB **Hardcopy Backboard**

Using Point-of-Care Patient Photographs with Musculoskeletal Radiography to Identify Errors of Laterality in Emergency Department Imaging

QI019-EB-SUB **Hardcopy Backboard**

Monday, Dec. 2, 2019**12:15–12:45 PM****Scientific Posters**

Allergy Skin-Testing in Patients with a Previous Hypersensitivity Reaction to a Gadolinium-based Contrast Agent (GBCA): A Systematic-Review and Meta-Analysis

HP229-SD-MOA4 **Station #4**

An Unconference on Communication Adds Value: One Approach to Improving Communication in the Radiology Department

HP230-SD-MOA5 **Station #5**

Expectations of Critical Radiology Result Communication

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

Opportunistic Screening of Patients with Incidentally Discovered Fatty Liver on CT: Compliance of Ordering Physicians and Diagnostic Yield of Patients with Non-alcoholic Steatohepatitis (NASH)

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

Radioprotection Training System to Multi-professional Team and Medical Students in a Teaching Hospital

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

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

Just Say No to Gad: Focused Non-Contrast Body Protocols
and Alternative Contrast Agents

HP123-ED-MOA6 **Station #6**

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

Emergency Radiology Workflow During a Simulated Mass
Casualty Incident (MCI) in a Level 1 Trauma Centre:
Importance and Learning Points

QI110-ED-MOA3 **Station #3**

High-Fidelity Simulation Training for Radiological
Emergencies: A Multidisciplinary Approach

QI009-EB-MOA **Hardcopy Backboard**

Integration of Referring Physician Survey Into the Electronic
Medical Record (EMR): 2 Year Experience, Challenge and
Improvement of Imaging Report Opportunities

QI004-EB-MOA **Hardcopy Backboard**

Offering Diagnostic Imaging Services in Public Hospitals: A
Successful Public-Private Partnership Model

QI109-ED-MOA2 **Station #2**

QI: Pediatric Appendicitis Ultrasound Across A Quaternary
Health System

QI010-EB-MOA **Hardcopy Backboard**

RESPECT – Radiology Employees Striving for Productive and
Effective Communication

QI028-EB-MOA **Hardcopy Backboard**

Use of a Novel Web-based Tool to Improve Communication
Between the Emergency Department and Radiology

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

12:45–1:15 PM**Scientific Posters**

Comparison of Contrast Enhanced Ultrasound Versus
Contrast Enhanced Magnetic Resonance Imaging for the
Diagnosis of Focal Liver Lesions Using Liver Imaging
Reporting and Data System v2017

HP209-SD-MOB1 **Station #1**

Cost-effectiveness Analysis of Including Contrast-enhanced
Ultrasound (CEUS) in the Management of Asymptomatic
Pancreatic Cystic Lesions

HP211-SD-MOB3 **Station #3**

Imaging Trends and Costs from a Large Pediatric Accountable
Care Organization

HP231-SD-MOB4 **Station #4**

National Trends in Diagnostic Imaging Use in Spain (2010-
2016)

HP210-SD-MOB2 **Station #2**

The Potential Impact of Opportunistic CT Evaluation for
Osteoporosis: A COARDRI Network Study of 24,803 patients
in Three Health Systems

HP232-SD-MOB5 **Station #5**

12:45–1:15 PM**Education Exhibits**

Optimization of Eye Lens Doses for Interventional Radiology
and Cardiology Staff: Monitoring and Protection Methods of
Eye Lens

HP001-EB-MOB **Hardcopy Backboard**

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

A New Strategy Preventing Medical Errors Caused By Unread
Imaging Interpretation Reports: Star Search Project

QI015-EB-MOB **Hardcopy Backboard**

Determining Radiologists' Preferences for Quality Reporting in
Peer-learning and Score-based Peer-review Systems

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

Enhancing Undergraduate Clinical Radiology Education in A
University Teaching Hospital— A Two-year Mixed Methods
Evaluation of Learner Feedback to Improve Practice

QI111-ED-MOB1 **Station #1**

Evaluation and Reduction of Acoustic Noise in PET/MR

QI017-EB-MOB **Hardcopy Backboard**

Modified Imaging Algorithm for Patients Presenting with
Suspected Acute Cord Compression (ACC) in the Emergency
Room

QI112-ED-MOB2 **Station #2**

Semi-Structured Clinical Event Documentation of Acute
Adverse Reactions to Contrast

QI016-EB-MOB **Hardcopy Backboard**

Tuesday, Dec. 3, 2019**12:15–12:45 PM****Scientific Posters**

Assessment of Modality-Specific Strengths and Weaknesses
of Non-Enhanced and Contrast-Enhanced Post Mortem
Computed Tomography

HP233-SD-TUA4 **Station #4**

Assessment of Radiology Malpractice Claims in the United
States

HP212-SD-TUA1 **Station #1**

Do Senior Women Mentor Women More Than Men?

HP213-SD-TUA2 **Station #2**



Is Hypnosis an Alternative to Pharmacologic Sedation for Claustrophobic Patients Undergoing MR Exams? A Retrospective Study
HP214-SD-TUA3 **Station #3**

12:15–12:45 PM

Education Exhibits

Benefits of a Near-Miss Peer Learning Conference Tailored for Residents
HP124-ED-TUA5 **Station #5**

12:15–12:45 PM

Quality Improvement Reports

Augmenting Patient - Radiologist Communication Through Government Mandate: Initial Results from an Implementation to Address the Patient Test Result Information Act
QI030-EB-TUA **Hardcopy Backboard**

Evaluation of an Audiovisual Report to Enhance Traditional Radiology Reports of Musculoskeletal Urgent Cases
QI114-ED-TUA1 **Station #1**

Implementation of Guideline-Appropriate Follow-Up Recommendations in Radiology Reports for Incidentally Discovered Abdominal Aortic Aneurysms on Routine CT
QI003-EB-TUA **Hardcopy Backboard**

One Stop Cancer Rapid Diagnostic Clinic: An Economic Evaluation
QI115-ED-TUA2 **Station #2**

Reclaiming Hands On Ultrasound for Radiology
QI116-ED-TUA3 **Station #3**

Tele-Ultrasound: A New Tool For Quality Control and Medical Support In Large and Public Radiology Practice
QI011-EB-TUA **Hardcopy Backboard**

Transforming Healthcare and Outcomes Using Medical Imaging as The Driver for Change (TOHETI): Transformation Program in a Central London NHS Trust
QI117-ED-TUA4 **Station #4**

12:45–1:15 PM

Scientific Posters

CT Examination and 3D Analysis of Egyptian Animal Mummies
HP215-SD-TUB1 **Station #1**

Dissemination Patterns of Radiology-Defined Musculoskeletal Concepts Into Clinical Literature
HP217-SD-TUB3 **Station #3**

Low-dose CT Lung Screening: Data Analysis of Lung Cancer Patients with Above 40 Years Old
HP216-SD-TUB2 **Station #2**

Research Authorship and Gender Parity: Are We There?
HP234-SD-TUB4 **Station #4**

12:45–1:15 PM

Education Exhibits

Building a Decision Aid Tool for Femoroacetabular Impingement (FAI) Patients with Incorporation of Imaging
HP125-ED-TUB5 **Station #5**

12:45–1:15 PM

Quality Improvement Reports

Decreasing Time to Report Critical Results at a Singe, Urban, County Hospital
QI119-ED-TUB2 **Station #2**

Implementation of AI Structured Reporting to Smooth Workflow in Radiology Department Daily Practice
QI120-ED-TUB3 **Station #3**

Implementation of Measuring and Monitoring of Patient Safety Framework to Improve Peritoneal Dialysis Catheter Failure Rate: Lessons Learned from the Clinical Improvement Team
QI118-ED-TUB1 **Station #1**

Improving ED CT Patient Flow
QI023-EB-TUB **Hardcopy Backboard**

Keeping it Real: The Benefits of Using Standardized Patients and High Fidelity Simulations in In-situ Simulations in Contrast Reaction Management Training
QI121-ED-TUB4 **Station #4**

Know It to Fix It: A Quality Improvement Evaluation to Improve Turnaround Times in the Interventional Radiology Suite
QI024-EB-TUB **Hardcopy Backboard**

Wednesday, Dec. 4, 2019

12:15–12:45 PM

Scientific Posters

A Comparison of Resident Improvement in Accuracy and Speed at A Single Institution with Independent Call
HP219-SD-WEA2 **Station #2**

Content, Structure and Readability of Lung Cancer Screening Program Websites in the United States
HP235-SD-WEA4 **Station #4**

Frequency, Predictors, and Clinical Utility of the Phrase "Correlate Clinically": Value of Correlative Recommendations in Radiology Reports
HP236-SD-WEA5 **Station #5**

Hands-On Radiology Education for Medical Students
HP218-SD-WEA1 **Station #1**

The Efficiency of Deep Learning-based Bone Age Assessment System in Clinical Practice
HP220-SD-WEA3 **Station #3**

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

Practical MR Elastography (MRE) – Tips from Experienced
MRE Analysts on Achieving Best Practice

HP126-ED-WEA6 Station #6

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

AI Driven Quantitative System for Assessing the Quality of
Diagnostic Ultrasound

QI124-ED-WEA2 Station #2

Impact of a Lecture Evaluation System on Lecture Type and
Quality: A 24-Month Analysis and Insights on Resident
Learning Styles

QI013-EB-WEA Hardcopy Backboard

Improving MRI Outpatient Wait Times

QI123-ED-WEA1 Station #1

Increasing Time Between Interruptions In A Busy Reading
Room

QI027-EB-WEA Hardcopy Backboard

Lung Biopsy On-Time Starts and Day of Procedure Patient
Wait Times

QI022-EB-WEA Hardcopy Backboard

Radiology Information System (RIS) Integrated Faculty Scoring
and Feedback System for After Office Hours (AOH) On-Call
Resident Provisional Radiology Reports

QI012-EB-WEA Hardcopy Backboard

12:45–1:15 PM**Scientific Posters**

Evaluating the Performance of Lung Nodules Follow-Up
Assistance Systems on the Workflow Efficiency in Follow-Up
of Solitary Pulmonary Nodules

HP238-SD-WEB5 Station #5

Impact of Text Message Reminder on Patient No-Show Rate in
Scheduled Radiology Examination

HP237-SD-WEB4 Station #4

Improving Metrics of Acute Stroke with Critical Care
Nursing – Radiology, Neurology and Nursing Based
Interdisciplinary Management

HP221-SD-WEB1 Station #1

Patterns of Use, Effectiveness, and Safety of Gadolinium-
Enhanced MR in a Multicenter European Setting: An Interim
Report

HP223-SD-WEB3 Station #3

Radiological and Clinical Outcomes of Emergent Spine MRI
scans Performed for Spinal Cord Compression

HP222-SD-WEB2 Station #2

12:45–1:15 PM**Education Exhibits**

2019 MRI Safety Updates for Radiologists: Are We Too Careful
or Careless?

HP127-ED-WEB6 Station #6

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

Automation of the ACR MRI Low-Contrast Resolution Test
Using Machine Learning

QI026-EB-WEB Hardcopy Backboard

Beyond Error Detection and Efficiency Enhancement:
Point-of-Care Photography as a QI Tool in Radiography

QI125-ED-WEB1 Station #1

Common Data Element (CDE) Implementation for CT
Paranasal Sinusitis: Improved Disease-Specific Evidence-
Based Clinical Reporting, Moving Towards a Community
Standard, and Building a Foundation for Research in Artificial
Intelligence/Machine Learning

QI002-EB-WEB Hardcopy Backboard

Improving "Door to CT" Time in Acute Stroke Patients and
"Door in-Door out" Time in those appropriate for
Endovascular Thrombectomy (performed in external tertiary
Neuroradiology centre) as part of an Irish National QI Stroke
Programme

QI021-EB-WEB Hardcopy Backboard

Improving MRI Safety in Pediatric Patients Undergoing
Sedation: Impact of In-situ Bi-monthly Multidisciplinary
Simulation Training

QI126-ED-WEB2 Station #2

Standardized Progress Note Template in the Electronic
Medical Record Improves Documentation of Contrast
Extravasation Events

QI127-ED-WEB3 Station #3

Thursday, Dec. 5, 2019**12:15–12:45 PM****Scientific Posters**

Impact of Live versus Recorded Radiology Lectures for a
4th-year Medical Student Radiology Clerkship Rotation on Test
Performance

HP224-SD-THA1 Station #1

Shot, but Not Forgotten: Predicting Long-term Consequences
of Gun Shot Wound-related Injuries

HP226-SD-THA3 Station #3



Slowly-injected Unsplit-bolus Protocol for the Reduction of Contrast Medium (CM) and Mean Radiation Dose Exposition (SUPREME Protocol)

HP225-SD-THA2 Station #2

12:15–12:45 PM

Education Exhibits

Self Help: Creating Research Opportunities in a Hybrid Training Setting

HP128-ED-THA4 Station #4

12:15–12:45 PM

Quality Improvement Reports

Cross-sectional Interventional Procedures in A Diagnostic Radiology Residency: Establishment of an Effective Comprehensive Simulation Based Procedural Training Program

QI129-ED-THA2 Station #2

Does Simulation Training Result in Improved on Call Accuracy Among Newly Appointed Radiology Doctors in Training

QI014-EB-THA Hardcopy Backboard

Dose Optimisation in Multiphasic Computed Tomography Imaging of the Liver with High-concentration Contrast Media

QI128-ED-THA1 Station #1

Improving Radiology Protocols Efficiency through Quality Improvement: An Initiative to Improve Resident Productivity and Speed of Patient Diagnosis

QI025-EB-THA Hardcopy Backboard

Lean MRI Protocol Process Improvement and Software Solution

QI020-EB-THA Hardcopy Backboard

Strategies for Implementing and Three Years Results of a National Quality Accreditation Program in Diagnostic Imaging in a Developing Country

QI001-EB-THA Hardcopy Backboard

12:45–1:15 PM

Scientific Posters

Gender and Racial Bias on Radiology Residency Letters of Recommendation

HP228-SD-THB2 Station #2

The Art of Imaging Methods—Using Micro-CT to Uncover the Secrets of Ancient Ivory Manikins

HP227-SD-THB1 Station #1

12:45–1:15 PM

Quality Improvement Reports

Creating a Community Standard and Promoting Artificial Intelligence Research in Multiple Sclerosis: A Pre- and Post-Intervention Assessment of the Frequency of Common Data Element (CDE) Reporting

QI132-ED-THB3 Station #3

Pushing Limits: Are We Scanning Too Far?

QI008-EB-THB Hardcopy Backboard

RadPath: Automated Radiology-Pathology Notification System Improves Breast Procedure Addendum Turnaround Time

QI134-ED-THB4 Station #4

Rapid On-site Evaluation of Ultrasound Guided Fine Needle Aspiration Thyroid Nodule Biopsy: Does It Have a Role in The Reduction of Non-diagnostic Sample Rate?

QI133-ED-THB5 Station #5

Sustained Increases in The Quality of Imaging Histories Provided by Ordering Providers Resulting from Cross-functional Collaboration and Systems Design

QI131-ED-THB2 Station #2

Verification of Operational Database for MRI and Evaluation Analysis on Tasks for Safety Management

QI130-ED-THB1 Station #1

**Education Exhibits****SPACE No. EXHIBIT TITLE**

HP002-EB-X	Using Art to Engage in Difficult Conversations: A Pilot Study
HP003-EB-X	Development of a Musculoskeletal Ultrasound Education Curriculum for Ultrasound Technologists and Musculoskeletal Fellows: An Adventure in Co-Learning
HP004-EB-X	Integration of Medical Students in the Musculoskeletal Reading Room: How We Do It
HP005-EB-X	Radiology Resident-to-Resident (R2R) Case of the Day: A Peer-to-Peer Education Tool
HP100-ED-X	History of Quality and Safety in the United States
HP101-ED-X	Lessons from the Radiology Malpractice Arena: From Avoiding it Altogether to Navigating the Legal Process
HP102-ED-X	Change Management: Key Concepts and Applications throughout the Radiology Department
HP103-ED-X	Should We Use Oral Contrast in CT Imaging?
HP104-ED-X	Mentorship, Sponsorship, and Coaching: Key Faculty and Resident Development Concepts and a Guide for Successful Implementation in the Radiology Department
HP105-ED-X	Novel Contrast Agent Determination Method Using CT Images Only
HP106-ED-X	Animated Encounters with Patients in Radiology: The Next Frontier of Patient Empowerment
HP107-ED-X	Patient Satisfaction Surveys: Acquisition, Analysis, and Effect on Hospital Reimbursement
HP108-ED-X	Publicly Available Outcome Data for Thyroid Fine Needle Aspiration: A Patient-centered Approach
HP109-ED-X	Front Desk as Hosts: Leveling Up the Imaging Patient Experience
HP110-ED-X	Artificial Intelligence in Radiology: A Primer for Residents and Students

HP111-ED-X	Incorporating Interventional Radiology into Medical School Curriculum: Report on Year 2 of Establishing a Longitudinal Study
HP112-ED-X	How to Read, Review, and Write the Imaging Literature
HP113-ED-X	#RadTwitter 101: An Easy Guide to Using Twitter in Radiology
HP114-ED-X	Flip It! Techniques for Interactive, Learner-Directed Educational Conferences to Increase Trainee Engagement and Diagnostic Confidence
HP115-ED-X	The Impact of Radiology on the Leapfrog Hospital Grading System
HP116-ED-X	"SHINGOing Forward": Utilization of the SHINGO Model in Radiology Business Practice
HP117-ED-X	The Care and Feeding of a Visiting Professor: How We Run a Grand Rounds/ Visiting Professor Program in Radiology
HP118-ED-X	Optimizing the Mentor-Mentee Relationship: A Guide for Mentees
HP119-ED-X	Do You Want to Avoid Burnout? Why We Need to Think Critically About How Burnout is Defined in Radiology Literature - Experienced by Radiologists
HP120-ED-X	MRI Protocol Design, Optimization, Standardization and Management
HP121-ED-X	Setting Up an Imaging Consultation Clinic for Patients: A Primer for Radiologists
HP122-ED-X	What is Likelihood Radio? Principles of Medical Decision Making for Radiology Residents



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