EMERGENCY RADIOLoGY

104th Scientific Assembly and Annual Meeting
Radiological Society of North America
McCormick Place, Chicago

November 25–30
Meeting.RSNA.org   #RSNA18
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 Symposia will be provided through a third party provider and not through RSNA.

Program information is subject to change. For the most up-to-date information, please use your Meeting App or visit Meeting.RSNA.org.
Walk Through The Week

SUNDAY, NOV 25, 2018
Case of the Day
Emergency Radiology Sunday Case of the Day
Session ED004-SU...... Case of Day, Learning Center

10:45 AM—12:15 PM
Scientific Papers Sessions
Science Session with Keynote: Emergency Radiology (Imaging Algorithms, Modalities and Techniques)
Session SSA06.................. S405AB

12:30—1:00 PM
Posters and Exhibits: Discussions
Emergency Radiology Sunday Poster Discussions
Session ERS-SUA...... ER Community, Learning Center

1:00—1:30 PM
Posters and Exhibits: Discussions
Emergency Radiology Sunday Poster Discussions
Session ERS-SUB...... ER Community, Learning Center

2:00—3:30 PM
Educational Courses
Imaging of Musculoskeletal Injuries (Interactive Session)
Course RC108.................. E451B

MONDAY, NOV 26, 2018
Case of the Day
Emergency Radiology Monday Case of the Day
Session ED004-MO...... Case of Day, Learning Center

8:30—10:00 AM
Educational Courses
Emergency Neuroradiology: Imaging of Infection (Interactive Session)
Course RC208.................. E451A

10:30 AM—12:00 PM
Scientific Papers Sessions
Emergency Radiology (Thoracic, Cardiac and Vascular)
Session SSC04.................. S504AB
Neuroradiology/Head and Neck (Trauma Imaging: Picking Up the Pieces)
Session SSC11.................. S402AB
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| 12:15—12:45 PM | **Posters and Exhibits: Discussions**  
Emergency Radiology Monday Poster Discussions  
Session ERS-MOA . . . . . .ER Community, Learning Center |
| 12:45—1:15 PM | **Posters and Exhibits: Discussions**  
Emergency Radiology Monday Poster Discussions  
Session ERS-MOB. . . . . .ER Community, Learning Center |
| 1:30—3:00 PM  | **Educational Courses**  
Case-based Review of the Abdomen (Interactive Session)  
Course MSCA21 . . . . . . . . . . S100AB |
| 3:00—4:00 PM  | **Scientific Papers Sessions**  
Science Session with Keynote: Emergency Radiology (Forensic and Musculoskeletal Imaging)  
Session SSE06 . . . . . . . . . . E353A |
| **TUESDAY, NOV 27, 2018** |                                                                   |
| 7:15—8:15 AM  | **Case of the Day**  
Emergency Radiology Tuesday Case of the Day  
Session ED004-TU . . . . . .Case of Day, Learning Center |
| 8:30—10:00 AM | **Educational Courses**  
Current Imaging of the Appendix  
Course RC308............................ E353C |
| 10:30 AM—12:00 PM | **Scientific Papers Sessions**  
Emergency Radiology (Brain, Head, Neck and Spine)  
Session SSG04........................... S403A |
| 12:15—12:45 PM | **Posters and Exhibits: Discussions**  
Emergency Radiology Tuesday Poster Discussions  
Session ERS-TUA . . . . . .ER Community, Learning Center |
12:45—1:15 PM
Posters and Exhibits: Discussions
Emergency Radiology Tuesday Poster Discussions
Session ERS-TUB . . . . . ER Community, Learning Center

3:00—4:00 PM
Scientific Papers Sessions
Science Session with Keynote: Emergency Radiology
(Practice Management)
Session SSJ06 . . . . . . . . . . . . . . S402AB

4:30—6:00 PM
Educational Courses
Emergency Ultrasound Pitfalls
Course RC408 . . . . . . . . . . . . . . S102CD
The New Standard of Care of Large Vessel Stroke is
Endovascular: Is Your Radiology Practice Ready?
Course RC431 . . . . . . . . . . . . . . S103CD

WEDNESDAY, NOV 28, 2018
Case of the Day
Emergency Radiology Wednesday Case of the Day
Session ED004-WE . . . . . . Case of Day, Learning Center

8:30 AM—12:00 PM
Educational Courses
Neuroradiology Series: Stroke
Course RC505 . . . . . . . . . . . . . . E450A
Emergency Radiology Series: Contemporary Topics in Imaging
of Trauma
Course RC508 . . . . . . . . . . . . . . S406B

8:30—10:00 AM
Educational Courses
RSNA/ESR Sports Imaging Symposium: Upper Extremity
Sports Injuries
Course MSSR41 . . . . . . . . . . . . . . E352

10:30 AM—12:00 PM
Educational Courses
RSNA/ESR Sports Imaging Symposium: Lower Extremity
Sports Injuries
Course MSSR42 . . . . . . . . . . . . . . E352

10:30 AM—12:00 PM
Scientific Papers Sessions
Neuroradiology (Stroke Imaging and Intervention)
Session SSK15 . . . . . . . . . . . . . . E350
12:15—12:45 PM
Posters and Exhibits: Discussions
Emergency Radiology Wednesday Poster Discussions
Session ERS-WEA . . . . ER Community, Learning Center

12:45—1:15 PM
Posters and Exhibits: Discussions
Emergency Radiology Wednesday Poster Discussions
Session ERS-WEB . . . . ER Community, Learning Center

1:30—3:00 PM
Educational Courses
RSNA/ESR Sports Imaging Symposium: Musculoskeletal Interventional Procedures
Course MSSR43 .................................. E352

3:00—4:00 PM
Scientific Papers Sessions
Emergency Radiology (Abdomen and Pelvis Trauma)
Session SSM07 .................................. S404AB

3:30—5:00 PM
Educational Courses
Case-based Review of Thoracic Radiology (Interactive Session)
Course MSCT42 ................................. S406A
RSNA/ESR Sports Imaging Symposium: Postoperative Imaging of Sports Injuries
Course MSSR44 ................................. E352

THURSDAY, NOV 29, 2018
Case of the Day
Emergency Radiology Thursday Case of the Day
Session ED004-TH .......... Case of Day, Learning Center

8:30 AM—12:00 PM
Educational Courses
Emergency Radiology Series: Current Imaging of the Acute Abdomen
Course RC608 ................................. E451B

8:30—10:00 AM
Educational Courses
Traumatic Brain Injury
Course RC605 ................................. E352

10:30 AM—12:00 PM
Educational Courses
Essentials of Trauma Imaging
Course MSES52 ................................. S406B
12:15—12:45 PM
Posters and Exhibits: Discussions
Emergency Radiology Thursday Poster Discussions
Session ERS-THA . . . . . . . .ER Community, Learning Center

12:45—1:15 PM
Posters and Exhibits: Discussions
Emergency Radiology Thursday Poster Discussions
Session ERS-THB . . . . . . . .ER Community, Learning Center

4:30—6:00 PM
Educational Courses
12 AM Head & Neck Radiology: Emergency Presentations of Head and Neck Pathology
Course RC706 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E350
Mass Casualty and Forensic Imaging: Thinking About the Unthinkable
Course RC708 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E352
Thoracic Aortic Emergencies (Interactive Session)
Course RC712 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S103AB
Pediatric Neuroimaging Emergencies
Course RC713 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S404AB

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
The Impact of Socioeconomic Status on CT-Imaging and Management of Acute Appendicitis
ER203-SD-SUA4 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Station #4
Ultra-Low Dose One-Shot CT Imaging of Abdomen on 320-Row Volume CT for Emergency Patients
ER200-SD-SUA1 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Station #1
Utility of Ultrasound After a Negative CT in the Emergency Department - Does It Add Anything?
ER201-SD-SUA2 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Station #2
Utility of Whole Survey Spine MRI in Blunt Trauma Patients Sustaining Single Level or Contiguous Spinal Fractures
ER202-SD-SUA3 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Station #3
12:30—1:00 PM
Education Exhibits
Pelvic Emergencies: The Role of MR Imaging in the Emergency Department
ER158-ED-SUA5 .......................... Station #5

1:00—1:30 PM
Scientific Posters
Doctors Knowledge of Doses and Risks of Radiological Procedures Performed in Emergency Department
ER206-SD-SUB3 .......................... Station #3
Role of 24/7 Emergency Radiology, On-site Staff Radiologist Coverage at a Level 1 Trauma Center, In Reducing the Turn Around Time (TAT) for Acute Brain Computed Tomography Scanning
ER205-SD-SUB2 .......................... Station #2
The Feasibility of Point-Of-Care Ankle Ultrasound Examination in Patients with Recurrent Ankle Sprain and Chronic Ankle Instability: Comparison with Magnetic Resonance Imaging
ER204-SD-SUB1 .......................... Station #1

1:00—1:30 PM
Education Exhibits
Penile Emergencies: A Comprehensive Multi-Modality Imaging Review
ER159-ED-SUB4 .......................... Station #4

MONDAY, NOV 26, 2018
12:15—12:45 PM
Scientific Posters
3D-Surface Reconstructions (Cinematic Rendering) In Postmortem CT after Stab Attacks: Diagnostic Performance and Forensic Relevance of a Novel Cinematic Rendering Software Compared to Conventional CT Images and Autopsy Results
ER210-SD-MOA4 .......................... Station #4
CT Pulmonary Angiography and Portal Venous Phase Abdomen and Pelvis CT Protocol Experience in the Emergency Department
ER209-SD-MOA3 .......................... Station #3
Point-of-Care Wrist Ultrasonography in Trauma Patients with Ulnar-Sided Pain and Instability
ER208-SD-MOA2 .......................... Station #2
Spontaneous Active Bleeding: Which Predictive Factors Influence in the Therapeutic Decision?
ER207-SD-MOA1 .......................... Station #1
12:15—12:45 PM
Education Exhibits
Dual Energy CT in Gastrointestinal Bleeding: Pearls and Pitfalls
ER160-ED-MOA5 ...................... Station #5

12:45—1:15 PM
Scientific Posters
Abdominal Computed Tomography for Acute Appendicitis Is Necessary Even in Patients with an Equivocal Alvarado Score (3–6), in the Emergency Department
ER212-SD-MOB2 ...................... Station #2
Efficacy of Changing the Pitch in Single CT Scan Regarding the Reduction of the Pulsatile Motion Artifact at the Aortic Root Without Increasing the Image Noise
ER211-SD-MOB1 ...................... Station #1
MDCT Evaluation of Acute Lower Gastrointestinal Bleeding (LGIB)
ER213-SD-MOB3 ...................... Station #3

12:15—12:45 PM
Education Exhibits
Abdominal Pain After ERCP: What Should We Look For?
ER161-ED-MOB4 ...................... Station #4

TUESDAY, NOV 27, 2018
12:15—12:45 PM
Scientific Posters
Analysis of Imaging Findings of Patients Admitted to the Emergency Department with a Diagnosis of Seizure
ER217-SD-TUA3 ...................... Station #3
Optic Nerve Sheath Diameter as a Predictor of Acute Infarction in Patients with Acute Vertigo
ER215-SD-TUA1 ...................... Station #1
Ultrasound Findings of Strangulated Obstruction with Varied Ischemic Degrees
ER216-SD-TUA2 ...................... Station #2

12:15—12:45 PM
Education Exhibits
Added Value of Dual Energy CT in Clinical Routine
ER162-ED-TUA4 ...................... Station #4
12:45—1:15 PM
Scientific Posters
Diagnostic Performance and Essential Imaging Pulse Sequences of MRI for Acute Abdominal Pain by Gastrointestinal Disorders  
ER219-SD-TUB2  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Station #2
Dual-Energy Head CT Accurately Distinguishes Small Foci of Intracranial Hemorrhage from Calcium: A Quantitative Analysis and Reader Study Validation  
ER218-SD-TUB1  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Station #1
Novel Post Processing CT Technique of "Rib Flattening and Spine Straightening": An Aid in Accelerated and Efficient Detection of Fractures!— Single Institute Experience  
ER221-SD-TUB4  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Station #4
Whole Brain CT-Perfusion in the Emergency Room: Its Utility Beyond Acute Stroke  
ER220-SD-TUB3  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Station #3

12:45—1:15 PM
Education Exhibits
Dual Energy CT to The Rescue: How DECT Can Help in The Emergency Department  
ER163-ED-TUB5  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Station #5

WEDNESDAY, NOV 28, 2018
12:15—12:45 PM
Scientific Posters
Assessment of a Computer Decision Support System (CDSS) for Ordering Cardiac-CT Scan in Patients with Acute Chest Pain Based on Diamond-Forrest Pretest Probability  
ER224-SD-WEA3  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Station #3
Implementation of an Ultra-Low-Dose CT-Protocol for Extremities: Initial Experience with 106 Subjects  
ER225-SD-WEA4  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Station #4
Implementing 24/7 Onsite Cardiac Computed Tomography Angiography (CCTA) in the Emergency Department Impact on Patient Care: Retrospective Analysis of One Center Experience  
ER223-SD-WEA2  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Station #2
Rapid Imaging Protocol of the Bilateral MCA Territories for Thrombectomy in Acute Ischemic Stroke by 80-Row Area Detector CT  
ER222-SD-WEA1  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Station #1
12:15—12:45 PM
Education Exhibits
Pancreatic Trauma: A Diagnosis Requiring a Multidisciplinary Approach
ER164-ED-WEA5. Station #5

12:45—1:15 PM
Scientific Posters
Can We Adequately Select Patients with Chest Pain Who Consult in the Emergency Room to Perform Angiography Multidetector CT (MDCT) Coronary?
ER228-SD-WEB3. Station #3
Cardiac CT in the Emergency Department: Prevalence and Spectrum of Imaging Findings Beyond the Coronary Plaques
ER227-SD-WEB2. Station #2
Utility of ‘Whole Brain’ CT-Perfusion in Stroke of Less Frequent Territories
ER226-SD-WEB1. Station #1

12:45—1:15 PM
Education Exhibits
Dual-Energy CT: Added-Value in Trauma
ER165-ED-WEB4. Station #4

THURSDAY, NOV 29, 2018
12:15—12:45 PM
Scientific Posters
A Modern Phenomenon: Bicycle Versus Pedestrian Trauma within a Major Urban Trauma Center, Including a Review of Imaging Findings
ER229-SD-THA1. Station #1
Emergency CT for Assessment and Management of Blunt Traumatic Splenic Injuries at a Level-1 Trauma Center: 13-Year Study
ER231-SD-THA3. Station #3
Getting It Right the First Time: A Root Cause Analysis of Aborted and Suboptimal Body MRI Scans in the Emergency Department
ER232-SD-THA4. Station #4
Utility of Body CT in Patients with Head or Neck Injuries from Falls from Standing Height or Less
ER230-SD-THA2. Station #2

12:15—12:45 PM
Education Exhibits
Pediatric Foot and Ankle Fractures: Patterns, Mimics, Complications, and Treatment
ER166-ED-THA5. Station #5
12:45—1:15 PM

Scientific Posters

A Review of Clinical Practice from an Urban Emergency Centre - Are We Imaging Pyelonephritis Appropriately? 
ER233-SD-THB1 .......................... Station #1

Blunt Cerebrovascular Injury: 10-Year Experience at a Level I Trauma Center
ER235-SD-THB3 .......................... Station #3

Parapharyngeal Gas as a CT Sentinel Sign of Skull Base Fracture
ER234-SD-THB2 .......................... Station #2
# Education Exhibits

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<td>The Many Faces of Right Lower Quadrant Pain: An Approach to MRI for Suspected Appendicitis</td>
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<td>Parasitic Diseases as a Cause of Acute Abdomen</td>
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ER107-ED-X Detecting and Quantifying Bone Marrow Edema in Knee Joint in Emergency CT: New Applications of Non-Enhanced Dual-Energy Spectral CT
ER108-ED-X Emergent Complications of Cosmetic Surgery: A Pictorial Review
ER109-ED-X Acute Right Flank Pain: Not Only Appendicitis!
ER110-ED-X Imaging Approach for Acute Abdomen During Pregnancy: Common to Uncommon Causes
ER111-ED-X Renal Causes of Acute Flank Pain: More Than Just Stones
ER112-ED-X Bone Marrow Edema Detection by DECT: A Gamechanger in the Emergency Department
ER113-ED-X Absent/Abnormal/Reduced Flow in Testis: Thinking Beyond Torsion
ER114-ED-X Emergency Cases Resulting from Fish Bone Ingestion
ER115-ED-X Dual Energy CT for Non-Traumatic Abdominal Emergency
ER116-ED-X Recognizing Unusual and Atypical Patterns of Ischemic Stroke in the ED
ER117-ED-X Pathologies of the IVC that Radiologists Need to See: Spectrum of Disorders Involving the IVC that are Encountered in the Emergency Room
ER118-ED-X Don’t Be Outflanked: The Role of Imaging in Retroperitoneal Trauma
ER119-ED-X ‘Under Pressure’ - Lessons Learnt from Overlooked Diaphragmatic Injuries
ER120-ED-X MDCT Features of Bowel Ischemia: Spotlight on Non Occlusive Mesenteric Ischemia
ER121-ED-X Cad Rads: An Important Tool for Reducing Cost in the Emergency Department - Real World Scenario
ER122-ED-X Pelvic Fractures and Vascular Injuries - A Primer to Diagnostic Radiologists
ER123-ED-X A Right Pain: Imaging-Pathologic Correlations in False Positive Diagnoses of Acute Appendicitis
ER124-ED-X Pseudo-Trauma: Confounding Pre-Existing Pathologic Entities in Trauma Patients

ER125-ED-X Twists and Turns: An Interactive Guide to Common as Well as Unusual Torsion of Solid Organs and Bowel

ER126-ED-X Suspected Cord Compression: An MRI Primer for ED Radiologist

ER127-ED-X Mimicking Appendicitis - Case Based Pictorial Review

ER128-ED-X Comprehensive Imaging Review of Renal Trauma

ER129-ED-X Twist of Fate: Multimodality Review of Abdominal and Pelvic Torsion

ER130-ED-X DeLIVERing the Evidence: What Can We Learn About the Use of Endoscopic Retrograde Cholangiopancreatography (ERCP) in High Grade Liver Traumas?

ER131-ED-X CT of Massive Nontraumatic Abdominal Hemorrhage: What the Radiologists Need to Know

ER132-ED-X Thyroid Emergencies: What Radiologists Should Know

ER133-ED-X Comprehensive Evaluation and Optimization of CT Imaging Strategies in Intrathecal Drug Delivery (ITDD) Failures

ER134-ED-X Wooden Foreign Bodies and Penetrating Injuries


ER136-ED-X It’s all in the Wrist!

ER137-ED-X Imaging Evaluation of Tracheobronchial Injuries


ER139-ED-X Liver on the Edge: Emergency Complications of Cirrhosis and Hepatocellular Carcinoma

ER140-ED-X IR in the ER: Interventional Radiology Emergencies
Diverticulosis and Diverticulitis: The Bad and the Ugly

The "Gynecological Acute Abdomen": A Multimodality Imaging Review of Gynecological Emergencies Causing Acute Abdominal Pain

Multimodality Imaging of Abdominal Torsion: Clinical Feature and Differential Diagnosis

Where Is the Air? How the Location of Gas Can Drastically Affect Management

What's New in Evaluating Traumatic Solid Organ Injury? the Use of Contrast Enhanced Ultrasound (CEUS) in Conjunction with Traditional FAST and CECT in the Imaging Work-Up of Trauma

Tricks and Tips for the Evaluation of Penetrating Cardiothoracic Trauma: From Big Issues to Subtle Lesions

Radiology Response to Mass Casualty Incidents: Principles for Planning and Preparation

Minimal Requirements for the Image Findings and Management of Pancreatic Trauma: What Should We Know?

Pharyngoesophageal Foreign Bodies: Imaging Diagnosis and Clinical Significance

Assessment of Blunt and Penetrating Abdominal Solid Organ Injuries in a Pediatric Population Using Contrast Enhanced Ultrasound (CEUS) and an Adapted Severity Grading System Using CEUS

Acute Cervical Spine Trauma: Preliminary Observations and Experience with Novel 3D Cinematic Rendering

How to Report Blunt and Penetrating Bowel Injuries: No Longer a Traumatic Experience!

Imaging Adults After CPR, Including ECMO

Unusual Vascular Trauma in Gunshot Wounds: Triggering the Right Diagnosis
ER155-ED-X  Internal Bleeding After Labor: CT Findings Through a Case-based Review-When Time Matters

ER156-ED-X  Evaluation of Vascular Pathologies with Novel 3D CT Cinematic Rendering

ER157-ED-X  Rectal Emergencies: What You Have Always Wondered
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IS THE OFFICIAL MEETING NEWSPAPER

Get all the RSNA 2018 news and information you need online or in print

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