EMERGENCY RADIOLOGY

104[™] 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.

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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

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

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

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

Posters and Exhibits: Discussions Emergency Radiology Monday Poster Discussions Session ERS-MOAER 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

3:00-4:00 PM

TUESDAY, NOV 27, 2018

Case of the Day Emergency Radiology Tuesday Case of the Day Session ED004-TU.....Case of Day, Learning Center

7:15-8:15 AM

Educational Courses The RAD Files: The Truth is Out There (Case-based Competition) Session SPDL30......E451B

8:30-10:00 AM

10:30 AM-12:00 PM

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)

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?	
0 00/01	04000

Course RC431....

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

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Educational Courses
Neuroradiology Series: Stroke
Course RC505 E450A
Emergency Radiology Series: Contemporary Topics in Imaging of Trauma
Course RC508

8:30-10:00 AM

Educational Courses

RSNA/ESR Sports Imaging Symposium: Upper Extremity Sports Injuries

10:30 AM-12:00 PM

Educational Courses RSNA/ESR Sports Imaging Symposium: Lower Extremity Sports Injuries

10:30 AM-12:00 PM

Scientific Papers Sessions	
Neuroradiology (Stroke Imaging and Intervention)	
Session SSK15 E350	0

Posters and Exhibits: Discussions Emergency Radiology Wednesday Poster Discussions Session ERS-WEAER 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

3:00-4:00 PM

Scientific Papers Sessions Emergency Radiology (Abdomen and Pelvis Trauma) Session SSM07......S404AB

3:30-5:00 PM

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

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
Mass Casualty and Forensic Imaging: Thinking About the Unthinkable Course RC708
Thoracic Aortic Emergencies (Interactive Session) Course RC712 S103AB
Pediatric Neuroimaging Emergencies Course RC713

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
Ultra-Low Dose One-Shot CT Imaging of Abdomen on 320-Row Volume CT for Emergency Patients ER200-SD-SUA1
Utility of Ultrasound After a Negative CT in the Emergency Department - Does It Add Anything? ER201-SD-SUA2
Utility of Whole Survey Spine MRI in Blunt Trauma Patients Sustaining Single Level or Contiguous Spinal Fractures ER202-SD-SUA3

12:30-1:00 PM

1:00-1:30 PM

Scientific Posters

Doctors Knowledge of Doses and Risks of Radiological Procedures Performed in Emergency Department ER206-SD-SUB3Station #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

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

Point-of-Care Wrist Ultrasonography in Trauma Patients with Ulnar-Sided Pain and Instability

ER208-SD-MOA2 Station #2

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 (I GIB)

ER213-SD-MOB3 Station #3

12:45-1:15 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

12.15 12.45 DM
Ultrasound Findings of Strangulated Obstruction with Varied Ischemic Degrees ER216-SD-TUA2Station #2
Optic Nerve Sheath Diameter as a Predictor of Acute Infarction in Patients with Acute Vertigo ER215-SD-TUA1 Station #1
Analysis of Imaging Findings of Patients Admitted to the Emergency Department with a Diagnosis of Seizure ER217-SD-TUA3

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

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

12:45-1:15 PM

Scientific Posters

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

ER234-SD-THB2..... Station #2

Education Exhibits

SPACE NO.	EXHIBIT TITLE
ER001-EB-X	Face the Facial Injuries!
ER002-EB-X	The Mechanics of Cardiac Gated CTA in the ED for Suspected Aortic Dissection
ER003-EB-X	Dual Energy CT Enabled Bone Subtraction in the Diagnosis of Intracranial Pathology
ER004-EB-X	Visualization of Retained Surgical Items Using a Tissue Realistic 3D Printed Abdominal Trauma Phantom
ER005-EB-X	Time of Death: Traumatic and Non-Traumatic Review of Hypoperfusion Complex
ER006-EB-X	Evaluation of Acute Maxillofacial Injuries with 3D Cinematic Rendering: Initial Observations
ER007-EB-X	Pancreatic Trauma - Rare but Serious
ER008-EB-X	Trauma Head CT: Reduction of Beam Hardening and Blooming Artifacts Using Dual Energy and Virtual Monochromatic Imaging to Improve the Display of the Bone/Brain Interface
ER009-EB-X	Small Bowel Obstruction from Internal and External Hernias: An Approach to Imaging Interpretation
ER100-ED-X	MRI for Acute Abdomen: Selection of Appropriate Sequence and Image Interpretation
ER101-ED-X	Pain in the Neck: How to Systematically Read and Report an Emergency Neck CT
ER102-ED-X	The Many Faces of Right Lower Quadrant Pain: An Approach to MRI for Suspected Appendicitis
ER103-ED-X	Thoracic Abnormal Air Collections in Intensive-Care Unit: Radiograph Findings Correlated with CT
ER104-ED-X	Non-Contrast MRI of Acute Abdominopelvic Pain in Pregnancy: Pathology and Pearls
ER105-ED-X	Parasitic Diseases as a Cause of Acute Abdomen

ER106-ED-X	Gastrointestinal Obstruction: Beyond Adhesions and Colorrectal Carcinomas
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
ER135-ED-X	Practical Guide to Acute Small Bowel Pathology: Spectrum of Diseases from the Run-of-the-Mill to Less Common Etiologies
ER136-ED-X	It's all in the Wrist!
ER137-ED-X	Imaging Evaluation of Tracheobronchial Injuries
ER138-ED-X	Contrast Enhanced US Appearance of Post-Traumatic Visceral Pseudoaneurysms and Active Extravasation - An Overview of Vascular 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

ER141-ED-X	Diverticulosis and Diverticulitis: The Bad and the Ugly
ER142-ED-X	The "Gynecological Acute Abdomen": A Multimodality Imaging Review of Gynecological Emergencies Causing Acute Abdominal Pain
ER143-ED-X	Multimodality Imaging of Abdominal Torsion: Clinical Feature and Differential Diagnosis
ER144-ED-X	Where Is the Air? How the Location of Gas Can Drastically Affect Management
ER145-ED-X	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
ER146-ED-X	Tricks and Tips for the Evaluation of Penetrating Cardiothoracic Trauma: From Big Issues to Subtle Lesions
ER147-ED-X	Radiology Response to Mass Casualty Incidents: Principles for Planning and Preparation
ER148-ED-X	Minimal Requirements for the Image Findings and Management of Pancreatic Trauma: What Should We Know?
ER149-ED-X	Pharyngoesophageal Foreign Bodies: Imaging Diagnosis and Clinical Significance
ER150-ED-X	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
ER151-ED-X	Acute Cervical Spine Trauma: Preliminary Observations and Experience with Novel 3D Cinematic Rendering
ER152-ED-X	How to Report Blunt and Penetrating Bowel Injuries: No Longer a Traumatic Experience!
ER153-ED-X	Imaging Adults After CPR, Including ECMO
ER154-ED-X	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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Daily Bulletin

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