

RSNA® 2019  
DECEMBER 1-6

# Emergency Radiology

RADIOLOGICAL SOCIETY  
OF NORTH AMERICA  
105<sup>TH</sup> 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.

Program information is subject to change. For the most up-to-date information, please use your Meeting App or visit [Meeting.RSNA.org](http://Meeting.RSNA.org).

## Walk Through the Week

### Sunday, Dec. 1, 2019

#### 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  
(Practice Management)

Session SSA06 . . . . . N227B

Neuroradiology (Stroke 1)

Session SSA17 . . . . . S501ABC

#### 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 Emergencies (Interactive Session)

Course RC108 . . . . . S406A

### Monday, Dec. 2, 2019

#### Case of the Day

Emergency Radiology Monday Case of the Day

Session ED004-MO . . . . . Case of Day, Learning Center

#### 7:15–8:15 AM

#### Educational Courses

Radiology Stranger Things: A Journey into the Upside Down  
(Case-based Competition)

Session SPDL20 . . . . . E451B

#### 8:30–10:00 AM

#### Educational Courses

Emergency Cardiothoracic CT Angiography

Course RC208 . . . . . E450B



**10:30 AM–12:00 PM**

**Scientific Papers Sessions**

Science Session with Keynote: Emergency Radiology (Imaging Algorithms and Technique)

Session SSC04 . . . . . S102CD

**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

**2:00–2:20 PM**

**Showcase Presentations**

AI Theater: Next-Generation Radiology AI: The Journey from an AI Algorithm to a Partner: Presented by Aidoc

Session AI28. . . . . AI Showcase North Building Level 2

**3:00–4:00 PM**

**Scientific Papers Sessions**

Emergency Radiology (Non-Trauma: Brain, Head and Neck, and Spine)

Session SSE06 . . . . . E353A

**Tuesday, Dec. 3, 2019**

**Case of the Day**

Emergency Radiology Tuesday Case of the Day

Session ED004-TU . . . . .Case of Day, Learning Center

**8:30 AM–12:00 PM**

**Educational Courses**

Emergency Radiology Series: Current Imaging of the Acute Abdomen

Course RC308. . . . . S401CD

**10:30 AM–12:00 PM**

**Scientific Papers Sessions**

Neuroradiology (Stroke 2)

Session SSG10 . . . . . N229

**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

**2:30–4:00 PM**

**Educational Courses**

Hands-on Artificial Intelligence for Non-coders: How is an Intracranial Hemorrhage Detection Algorithm Created? (Hands-on)

Course RCA34 . . . . . S401AB

**3:00–4:00 PM**

**Scientific Papers Sessions**

Emergency Radiology (Trauma Imaging: New Concepts)

Session SSJ06 . . . . . S406A

Neuroradiology (Traumatic Brain Injury)

Session SSJ18 . . . . . S406B

Neuroradiology (Stroke 3)

Session SSJ20 . . . . . S404AB

**3:30–5:00 PM**

**Educational Courses**

Essentials of Trauma Imaging

Course MSES34 . . . . . S100AB

**4:30–6:00 PM**

**Educational Courses**

Emergency Neuroradiology: Interventional Neuroradiology-What the Emergency Radiologist Needs to Know (at 3 AM) (Interactive Session)

Course RC408. . . . . S402AB

The New Standard of Care of Large Vessel Stroke is Endovascular: Is Your Radiology Practice Ready?

Course RC431 . . . . . N229

**Wednesday, Dec. 4, 2019**

**Case of the Day**

Emergency Radiology Wednesday Case of the Day

Session ED004-WE. . . . .Case of Day, Learning Center

**7:15–8:15 AM**

**Educational Courses**

Hot Topic Session: Mass Casualty Incidents-When Disaster Strikes

Session SPSH40. . . . .E451A



**8:30-10:00 AM**

**Educational Courses**

RSNA/ESR Sports Imaging Symposium: Upper Extremity Sports Injuries (Interactive Session)

**Session MSSR41** . . . . . E350

Emergency Ultrasound Pitfalls and Pearls

**Course RC508** . . . . .E451B

**8:30 AM-12:00 PM**

**Educational Courses**

Neuroradiology Series: Stroke

**Course RC505** . . . . . N228

**10:30 AM-12:00 PM**

**Educational Courses**

RSNA/ESR Sports Imaging Symposium: Lower Extremity Sports Injuries (Interactive Session)

**Session MSSR42** . . . . . E350

**10:30 AM-12:00 PM**

**Scientific Papers Sessions**

Science Session with Keynote: Emergency Radiology (Pulmonary Emboli - Current Cutting Edge, and the Future)

**Session SSK06** . . . . . S103AB

**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 (Interactive Session)

**Session MSSR43** . . . . . E350

**3:00-4:00 PM**

**Scientific Papers Sessions**

Emergency Radiology (Acute Care Imaging Utilization)

**Session SSM07** . . . . . N228

Neuroradiology (Vascular, Non-Stroke)

**Session SSM20** . . . . . S502AB

**3:30-5:00 PM**

**Educational Courses**

RSNA/ESR Sports Imaging Symposium: Postoperative Imaging of Sports Injuries (Interactive Session)

**Session MSSR44** . . . . . E350

**4:30-6:00 PM**

**Educational Courses**

Controversy Session: Contrast Agent Controversies

**Session SPSC41** . . . . . N228

**Thursday, Dec. 5, 2019**

**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: Contemporary Topics in Imaging of Trauma

**Course RC608** . . . . . S401CD

**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

**3:00-4:00 PM**

**Educational Courses**

Hot Topic Session: Imaging of Traumatic Brain Injury-Present and Future

**Session SPSH54** . . . . .E451A

**4:30-6:00 PM**

**Educational Courses**

Emergency Imaging of 'At Risk' Populations

**Course RC708** . . . . . N227B

**Friday, Dec. 6, 2019**

**8:30-10:00 AM**

**Educational Courses**

Avulsion Injuries of the Upper and Lower Extremities

**Course RC804** . . . . .E451B



# 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

Cervical Spine CT's Ordering in the Trauma Setting Based on NEXUS and Canadian C-Spine Rules: An Institutional Experience

**ER242-SD-SUA2 . . . . . Station #2**

DECT Evaluation of Acute Appendicitis Using Iodine Maps

**ER200-SD-SUA1. . . . . Station #1**

Diffusion Tensor Imaging (DTI) Indices in Spinal Cord Injury Patients

**ER243-SD-SUA3 . . . . . Station #3**

Do TBI Patients with ICH Have a Signature Symptom Profile?

**ER244-SD-SUA4 . . . . . Station #4**

Eliminating Radiologist Pre-Approval of CT Protocols: Impact on Emergency Department Turnaround Times

**ER230-SD-SUA5 . . . . . Station #5**

### 12:30–1:00 PM

#### Education Exhibits

Pancreatic Injury: Comprehensive Imaging Review and Management Update

**ER157-ED-SUA7 . . . . . Station #7**

The Whole Spine Yards: A Review of Pediatric Spine Trauma

**ER158-ED-SUA6. . . . . Station #6**

### 1:00–1:30 PM

#### Scientific Posters

Differentiation of Drowning in Seawater and Freshwater with Pleural Effusion: A Phantom Study Using Dual-Layer Spectral CT

**ER202-SD-SUB2 . . . . . Station #2**

Performance Analysis of Deep Learning Algorithm for Emergency Chest CT Reading

**ER231-SD-SUB4. . . . . Station #4**

Role of Oblique Coronal Reconstruction(OCR) of the Ribs for Blunt Trauma Chest in a Large Trauma Center: Our Experience

**ER201-SD-SUB1 . . . . . Station #1**

Ruling Out Pneumothorax Via Ultrasound Using B-Flow Imaging

**ER203-SD-SUB3 . . . . . Station #3**

### 1:00–1:30 PM

#### Education Exhibits

CT in Diagnosis of Post-Colonoscopy Complications: What the Radiologist Must Know

**ER160-ED-SUB5. . . . . Station #5**

Key Findings that Influence the Management of Head and Neck Infectious Emergencies: What the Radiologist Must Tell the ER

**ER159-ED-SUB6 . . . . . Station #6**

## Monday, Dec. 2, 2019

### 12:15–12:45 PM

#### Scientific Posters

256-Rows Dual-Energy CT Virtual Decalcification Technique for Detection of Bone Marrow Edema at Visual and Quantitative Analyses

**ER241-SD-MOA4. . . . . Station #4**

Performance Evaluation of a Deep Learning Algorithm in Measuring Midline Shift in Head CT Scans

**ER206-SD-MOA3 . . . . . Station #3**

Pitfalls of Automated ASPECTS: Initial Experience in A Tertiary Care Centre

**ER227-SD-MOA5 . . . . . Station #5**

Pregnant Trauma: Retrospective Analysis of Fetal Outcome in the Trauma of Pregnant Patients

**ER204-SD-MOA1 . . . . . Station #1**

Usefulness of a Clinical Decision Support System (CDSS) for Suitability of Performance of an Aortic CT-Angiography for the Diagnosis of Acute Aortic Syndrome (AAS) MAPAC Imaging Project

**ER205-SD-MOA2 . . . . . Station #2**

### 12:15–12:45 PM

#### Education Exhibits

Retroperitoneal Injuries on MDCT from Blunt and Penetrating Trauma Revisited: Pearls and Pitfalls

**ER165-ED-MOA6. . . . . Station #6**

The Top 10 Radiological Diagnosis for the Pediatric Emergency Room: A Practical and Pictorial Review from Head to Toe

**ER162-ED-MOA7. . . . . Station #7**

**12:45–1:15 PM****Scientific Posters**

A Comparative Study on the Detection Efficiency for Different Types of Fractures Based on Deep Learning (DL) Algorithm  
**ER208-SD-MOB2** . . . . . **Station #2**

Correlation between the Severity of Traumatic Aortic Injury and Clinical Outcomes at a Level 1 Trauma Center  
**ER207-SD-MOB1** . . . . . **Station #1**

Improved Detection of Acute Small Vessel Occlusions Using CT Perfusion in Acute Stroke  
**ER229-SD-MOB5** . . . . . **Station #5**

Intraosseous Contrast Administration for Emergency Computed Tomography: A Case-Control Study  
**ER228-SD-MOB4** . . . . . **Station #4**

Speed Balling: Identify Lab Values which May Predict a Positive Imaging Finding on a CT to Help Triage Patients in an ED Setting  
**ER209-SD-MOB3** . . . . . **Station #3**

**12:45–1:15 PM****Education Exhibits**

Let's Be Blunt: Imaging and Management of Genitourinary Tract Trauma  
**ER164-ED-MOB6** . . . . . **Station #6**

Surgical Fixation of Rib Fractures: What the Radiologist Should Know  
**ER163-ED-MOB7** . . . . . **Station #7**

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

Availability of the High-Pitch Helical Scan Using Dual-Source CT in Aortic Disease: ECG-Gated is No Longer Needed  
**ER212-SD-TUA3** . . . . . **Station #3**

Choosing Wisely: Imaging Recommendations Reduce Unnecessary Radiological Exams in an Emergency Department  
**ER211-SD-TUA2** . . . . . **Station #2**

Deep Learning-Based Computer Aided Diagnostic System Reduces Reading Time and Occupational Fatigue of Radiologists in Thoracic Fracture  
**ER234-SD-TUA4** . . . . . **Station #4**

Optic Nerve Sheath Diameter Measurement for Predicting Raised Intracranial Pressure in Patients with Traumatic Brain Injury: A Meta-Analysis  
**ER210-SD-TUA1** . . . . . **Station #1**

Peritoneal Infarcts: Timing of CT Scan  
**ER235-SD-TUA5** . . . . . **Station #5**

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

Review of Non-Traumatic Renal Emergency Conditions  
**ER166-ED-TUA7** . . . . . **Station #7**

Twenty Known and Emerging DECT Applications in Emergency Neuroradiology  
**ER161-ED-TUA6** . . . . . **Station #6**

**12:45–1:15 PM****Scientific Posters**

Is the Intravascular Gas of the Organs on Early Postmortem CT Always Related to Cardiopulmonary Resuscitation?  
**ER214-SD-TUB2** . . . . . **Station #2**

MAPAC Project: Image Algorithm for Acute Chest Pain with Suspicion of Coronary Heart Disease in the Emergency Department  
**ER213-SD-TUB1** . . . . . **Station #1**

Small Bowel Feces Sign in The Setting of Mesenteric and Bowel Injuries Due to Blunt Bowel Trauma  
**ER236-SD-TUB3** . . . . . **Station #3**

**12:45–1:15 PM****Education Exhibits**

CNS Emergencies and Complications of HIV  
**ER167-ED-TUB4** . . . . . **Station #4**

The Temporal Rift: Making the Key Features of Temporal Bone Fractures Accessible to the Non-Neuroradiologist  
**ER168-ED-TUB5** . . . . . **Station #5**

**Wednesday, Dec. 4, 2019****12:15–12:45 PM****Scientific Posters**

A 2019 International Survey to Assess Trends in Follow-up Imaging of Blunt Splenic Trauma  
**ER237-SD-WEA4** . . . . . **Station #4**

Can Pulmonary Embolism Rule-Out Criteria Replace The Need for D-Dimer Testing Among Patients with Low Clinical Probability in The Emergency Department?  
**ER238-SD-WEA5** . . . . . **Station #5**

Defining CT Based Imaging Variables that Correlate with Angiographic Findings and Clinical Outcome in Trauma Patients  
**ER216-SD-WEA2** . . . . . **Station #2**



Diagnostic Accuracy of Three-Dimensional Surface Rendering Reconstruction Images in Detection of Cervical Spine Injuries Using Multi-Planar Computed Tomography as Reference Standard  
ER217-SD-WEA3 . . . . . Station #3

Feasibility of Point-of-Care Knee Ultrasonography for Diagnosing Anterior Cruciate and Posterior Cruciate Ligament Tears in the Emergency Department  
ER215-SD-WEA1 . . . . . Station #1

**12:15-12:45 PM**

**Education Exhibits**

Perilous Pipe Problems: Review of Abdominopelvic Arterial Emergencies  
ER170-ED-WEA7 . . . . . Station #7

Splenic Trauma: New 2018 AAST Injury Grading Scale for an Evolving Landscape towards Non-Operative Management  
ER169-ED-WEA6 . . . . . Station #6

**12:45-1:15 PM**

**Scientific Posters**

Assessment of CT Scan Need for Patients with Delayed Presentation of Head Trauma  
ER239-SD-WEB4 . . . . . Station #4

Can Obstructive Urolithiasis Be Safely Excluded on Contrast-Enhanced CT?: A Retrospective Noninferiority Analysis Between Contrast-Enhanced and Non-Contrast CT  
ER220-SD-WEB3 . . . . . Station #3

Impact of Added CT Venography Performed in Combination with CT Pulmonary Angiography on the Detection of Deep venous Thrombosis and Relevant Occult CT-Findings  
ER240-SD-WEB5 . . . . . Station #5

MAPAC Imaging Project - Value of a Clinical Decision Support System (CDSS) for the Worthiness of Carrying Out An Abdominal Angio-CT For the Diagnosis of Acute Mesenteric Ischemia (AMI)  
ER218-SD-WEB1 . . . . . Station #1

Performance Evaluation of Deep Learning Algorithm in Measuring the Volume of Cerebral Hematoma  
ER219-SD-WEB2 . . . . . Station #2

**12:45-1:15 PM**

**Education Exhibits**

Imaging Findings in Intimate Partner Violence  
ER171-ED-WEB6 . . . . . Station #6

The Dark Side of Postpartum: A Pictorial Review of Puerperal Complications  
ER172-ED-WEB7 . . . . . Station #7

**Thursday, Dec. 5, 2019**

**12:15-12:45 PM**

**Scientific Posters**

Segmental Bowel Wall Hypoenhancement on CT Predicts Devascularizing Mesenteric Injury After Blunt Trauma  
ER222-SD-THA2 . . . . . Station #2

The Accuracy and Feasibility of Automatic Classification and Localization of Rib Fractures from Thorax CT using Convolutional Neural Networks  
ER221-SD-THA1 . . . . . Station #1

The Performance of Deep Learning-Based Computer Aided Diagnostic System (DL-CAD) in Diagnosis of Lobar Cerebral Hemorrhage with Computed Tomography  
ER223-SD-THA3 . . . . . Station #3

Virtual Monochromatic Reconstructions of Dual-Energy CT in Abdominal Trauma: Optimization of Energy Level Improves Pancreas Laceration Conspicuity and Diagnostic Confidence  
ER232-SD-THA4 . . . . . Station #4

**12:15-12:45 PM**

**Education Exhibits**

Imaging Evaluation of Abdominopelvic Gunshot Trauma: What the Radiologist Needs to Know  
ER173-ED-THA5 . . . . . Station #5

**12:45-1:15 PM**

**Scientific Posters**

Adrenal Hematomas And Associated Injuries in the Chest, Abdomen and Pelvis, A Level 1 Trauma Center Experience  
ER224-SD-THB1 . . . . . Station #1

Cervical Spine Fracture Prevalence Using Machine Learning  
ER225-SD-THB2 . . . . . Station #2

Small Bowel Obstruction (SBO) Predictors of Urgent Surgical Treatment and Bowel Resection  
ER226-SD-THB3 . . . . . Station #3

The Utility of Iodine Based Dual-Energy CT (DECT) in Triaging Patients with Blunt Bowel Injury  
ER233-SD-THB4 . . . . . Station #4

**12:45-1:15 PM**

**Education Exhibits**

Vascular Injuries by Gunshot Wound: Pearls and Pitfalls  
ER174-ED-THB5 . . . . . Station #5

**Education Exhibits****SPACE NO.      EXHIBIT TITLE**

<b>ER001-EB-X</b>	Foreign Body Within the Abdominal Cavity: Emphasis on Its Potential Complications
<b>ER002-EB-X</b>	Learning from Disaster: What Past Events Can Teach Us about Radiology Planning for a Mass Casualty Incident
<b>ER003-EB-X</b>	Dual-Energy CT: How to Use it to Salvage Suboptimal CT Angiograms
<b>ER004-EB-X</b>	Don't Stop Me Now: The CTA Lyrics to a Fast and Accurate Treatment of Abdominal Active Bleeding
<b>ER100-ED-X</b>	The Radiologist's Role in Stratifying Blunt Chest Trauma Incorporating Best Practice Reporting Guidelines
<b>ER101-ED-X</b>	The Night is Dark and Full of Terrors: A Primer for Overnight Blind Spots for the On-Call Radiologist
<b>ER102-ED-X</b>	Imaging Findings of Rodeo Injuries in the Wild West
<b>ER103-ED-X</b>	Bigger isn't Always Better: Review of Important Imaging Measurements for the On-Call Radiology Resident
<b>ER104-ED-X</b>	MRI Appearance of Clinical Mimics of Appendicitis in Pediatric Patients
<b>ER105-ED-X</b>	Breast Emergency: How Do I Manage It?
<b>ER106-ED-X</b>	In and Outs of Plain Radiographs of the Abdomen: Looking for Abdominal Air Where it Should Not Be
<b>ER107-ED-X</b>	Emergency Imaging Assessment of Intracranial Complications of Acute ENT Infections
<b>ER108-ED-X</b>	About to Blow Up!: Case-based Review of Impending Signs of Aortic Rupture, Treatment, and Endoleak Complications
<b>ER109-ED-X</b>	Image Overload: How to Approach an Emergency Brain MRI
<b>ER110-ED-X</b>	The Family Jewels: Pearls for Imaging Patients with Acute Scrotal Pain
<b>ER111-ED-X</b>	The Perilous Pancreas: A Multimodality Review of Pancreatic Trauma
<b>ER112-ED-X</b>	MDCT Atlas of AAST Solid Organ Injury Scaling 2019 Update

<b>ER113-ED-X</b>	The On-Call Radiology Residents Guide to Managing the Reading Room: Distractions, Downtimes, and Discussions
<b>ER114-ED-X</b>	"Point of Care" in Abdominal Trauma: What Not to Miss
<b>ER115-ED-X</b>	Damage Control Surgery: Commonly Missed Injuries, Pitfalls, and Mimics within the Abdomen on Diagnostic CT
<b>ER116-ED-X</b>	Pancreatic Injury in Blunt Abdominal Trauma
<b>ER117-ED-X</b>	Multi-Modality Imaging of Pancreatic Trauma
<b>ER118-ED-X</b>	Don't Skip a Beat! Critical Imaging Findings in Adults with Congenital Heart Disease Presenting to the Emergency Department
<b>ER119-ED-X</b>	When Residents are On-Call: A Pictorial Review of Common and Unusual Findings of Intracranial Bleeding and Ischemic Infarcts in the ER
<b>ER120-ED-X</b>	Tomography of Acute Orbital Pathology: Only One Point of View
<b>ER121-ED-X</b>	The Walking Brain: What the Radiologist Needs to Know About Cerebral Herniation
<b>ER122-ED-X</b>	Pictorial Review of Cardiac Tamponade: What Radiologists Need to Know
<b>ER123-ED-X</b>	Brain CT Perfusion Studies: Turning False Ischaemic Penumbra into Light
<b>ER124-ED-X</b>	Trauma in Pregnancy: One CT Scan Can Save Multiple Lives
<b>ER125-ED-X</b>	The Changing World of Contraband Smuggling
<b>ER126-ED-X</b>	On-call Primer of Aortic Emergencies
<b>ER127-ED-X</b>	The Small Bowel Goes to the ER
<b>ER128-ED-X</b>	How to Detect Pulmonary Embolism, Especially Small Emboli More Quickly with Dual-Energy Spectral CT
<b>ER129-ED-X</b>	Utility of Single-Phase Contrast-Enhanced CT in the Evaluation of Abdominopelvic Trauma
<b>ER130-ED-X</b>	Checklist Approach as a Guide to the Interpretation of Chest CT Examinations Showing Diffuse Abnormalities in Acute Disease





- ER131-ED-X** Headache: What to Look for on Emergency Neuroimaging in the Headache Patient
- ER132-ED-X** Ischemic Strokes in Uncommon Distribution: A Case-based Review with Emphasis on Symptomatology and CT Perfusion to Improve Detection
- ER133-ED-X** Role of Magnetic Resonance Imaging (MRI) in Assessment of Vascular Thoracoabdominal Emergencies
- ER134-ED-X** Traversing New Terrain: Expected Emergency Radiology Findings in the Transgender Patient Post Gender Confirming Surgery
- ER135-ED-X** What to Do When Urine Trouble... Imaging Appearances and the Role of Interventional Radiology in Urological Trauma
- ER136-ED-X** Doctor, I Have Chest Pain! Is it an Acute Aortic Thoracic Syndrome?
- ER137-ED-X** Torsion: Twists and Turns and Lessons Learned
- ER138-ED-X** Comprehensive Review of Traumatic Diaphragmatic Injuries (TDI): Radiological-Surgical Perspective
- ER139-ED-X** Dual-Energy CT for Diverticular Disease of Intestinal Tract
- ER140-ED-X** Spontaneous Coronary Artery Dissection (SCAD): Emergency Radiology Perspective
- ER141-ED-X** Is that Emphysema? Case-based Review of Emphysematous Infections of the Abdomen and Pelvis
- ER142-ED-X** Don't Forget the Duodenum: Imaging Spectrum of Duodenal Emergencies
- ER143-ED-X** Ventral Hernia Repair: What the Surgeon Wants to Know
- ER144-ED-X** Spectral CT in Head and Neck Emergency: How Can We Better Utilize?
- ER145-ED-X** Rules to Scan By: Criteria for Guiding Imaging Workup in Trauma
- ER146-ED-X** Multimodal Imaging Evaluation of Percutaneous Vascular Injuries: A Case-based Review for Radiology Residents
- ER147-ED-X** Case-based Review of Strokes Mimics for the Radiologist
- ER148-ED-X** Imaging of Pancreatic Injuries: A Never Ending Story
- ER149-ED-X** Top 20 Urinary Bladder Emergencies You Shouldn't Neglect
- ER150-ED-X** What is Expected When They are Expecting - Imaging and Management of Trauma Pregnant Patient in the Emergency Room Settings and on the Floor: Expectations and Steps to Succeed
- ER151-ED-X** Spontaneous Brain Hemorrhage: A Primer for the Resident on Call
- ER152-ED-X** Exsanguinating Entrails: What the Radiologist Needs to Know About Acute Gastrointestinal Bleeding
- ER153-ED-X** Fat Stranding as a Clue to Help in Emergency Cases
- ER154-ED-X** How Good Are You at Tubes and Lines?
- ER155-ED-X** Ectopic Gas: Worrisome Bubbles!
- ER156-ED-X** System-Wise Clinically Oriented Review of Emergency CT Scans in a Tertiary Oncology Centre
- ER175-ED-X** MDCT of Skull Base Fractures: Classification Systems, Complications, and Management



## RSNA QUALITY ESSENTIALS AND ADVANCED LEVEL QUALITY CERTIFICATES

- Earn a Quality Essentials Certificate (QEC) by scoring 80% or higher on the SAM test at any of the following quality sessions: MSQI31, MSQI32 and MSQI33 on Tuesday, December 3 (Room TBD)
- Learn more about online opportunities for earning QECs and how QECs can lead to an Advanced Level Quality Certificate at [RSNA.org/Quality-Improvement](http://RSNA.org/Quality-Improvement)

## QUALITY IMPROVEMENT REPORTS: TIPS FOR SUCCESSFUL SUBMISSIONS

*Monday, December 2nd, 10:30 – 11 am, Discovery Theater*

Get tips on tailoring your submission to meet the unique guidelines of this poster section.

## QI REPORT POSTER WALKTHROUGH

*Monday, December 2nd, 3 to 4 pm, Learning Center, Quality Improvement Report Section*

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

Questions? Please email [quality@rsna.org](mailto:quality@rsna.org) for more information.

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