



**Course Directors: Jorge Soto, MD**  
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## Course Overview

This three day educational course is designed to provide the practicing radiologist an intensive hands-on experience in interpretation of imaging of traumatic and non-traumatic emergencies. Pertinent concepts of imaging technique will be reviewed and will motivate the case-based learning process.

The attendee will have the opportunity to review over 300 emergent examinations covering all organ systems and modalities commonly encountered in the emergency radiology setting. Through participation in multiple interpretation sessions under the supervision of expert faculty, the participant will develop a higher level of expertise and confidence in emergent imaging. Formal lectures will cover the core concepts, organized by organ system.

## Program Objectives

1. Develop a systematic search pattern for evaluating MDCT examinations of the multiple trauma patient
2. Recognize common and significant injuries in trauma
3. Familiarize with potential sources of missed diagnoses and interpretation pitfalls in MDCT of trauma
4. Understand basic technical principles for proper acquisition of CT images in the emergency patient (trauma and non-trauma)
5. Learn characteristic appearance of various causes of acute abdominal, chest and pelvic emergencies on plain radiography, CT, and US
6. Learn fundamental imaging aspects of non-traumatic neurological and head and neck emergencies
7. Review common and uncommon fractures of the upper extremities, lower extremities, pelvis and spine with emphasis on the easily-missed fracture.

*Attendees who complete a minimum of 150 cases will be awarded a Certificate of Completion in Emergency Radiology.*

## Night Before

- 6:00 p.m. Workstation Refresher Session
- 7:30 p.m. ACR Education Center Closes

## Day 1

- 7:00 a.m. Registration and Continental Breakfast
- 8:00 a.m. **Lecture: Imaging Abdominal Trauma**
- 9:00 a.m. Workstation Introduction
- 9:15 a.m. Supervised Case Review #1
- 10:00 a.m. Break
- 10:15 a.m. Supervised Case Review #2
- Noon Lunch
- 12:30 p.m. **Lecture: Imaging Non-Traumatic Abdominal Pain**
- 1:30 p.m. Supervised Case Review #3
- 2:45 p.m. Break
- 3 p.m. Supervised Case Review #4
- 5:30 p.m. Cocktail Reception
- 6 p.m. Optional Time for Self-Review of Cases
- 10 p.m. ACR Education Center Closes

## Day 2

- 7 a.m. Optional Time for Self-Review of Cases
- 8 a.m. Supervised Case Review #5
- 10 a.m. Break
- 10:15 a.m. Supervised Case Review #6
- Noon Lunch
- 12:30 p.m. **Lecture: Strategies for Reducing Radiation Exposure in the ED**
- 1 p.m. **Lecture: Imaging Chest Emergencies**
- 1:30 p.m. Supervised Case Review #7
- 2:45 p.m. Break
- 3 p.m. Supervised Case Review #8
- 4:30 p.m. **Lecture: Imaging Neurological Emergencies**
- 5:30 p.m. Break
- 6 p.m. Optional Time for Self-Review of Cases
- 10 p.m. ACR Education Center Closes

## Day 3

- 7 a.m. Optional Time for Self-Review of Cases
- 8 a.m. **Lecture: Imaging Extremity and Pelvic Fractures**
- 9 a.m. Supervised Case Review #9
- 10 a.m. Break
- 10:15 a.m. Supervised Case Review #10
- Noon Lunch
- 12:30 p.m. **Lecture: Imaging Spine Fractures**
- 1 p.m. Supervised Case Review #11
- 2:45 p.m. Break
- 3 p.m. Supervised Case Review #12
- 4 p.m. Questions and Answers
- 5 p.m. Course Concludes