AMERICAN SOCIETY OF EMERGENCY RADIOLOGY

2009 Postgraduate Course in Emergency and Trauma Radiology

September 30 – October 3, 2009
Loews Royal Pacific Resort at Universal Orlando
Orlando, Florida

www.erad.org

PROGRAM HIGHLIGHTS

Head to Toe Emergency Radiology Refresher Course

Focused Sessions:
- Emergent Cardiopulmonary Conditions
- Emergent Non-traumatic Neurological Conditions
- Emergent Non-traumatic Abdominal Conditions, Including Post-procedural (iatrogenic) Emergencies
- Urgent and Emergent Non-traumatic Musculoskeletal Conditions
- MR-ization of CT: New Developments in Dual-energy CT, Perfusion Imaging, Reformations, Radiation Dose Management, Trade-offs Between Radiation Dose and Image Quality
- Emergency Preparedness

Scientific Papers and Scientific and Educational Exhibits

FEATURED SPEAKERS


Jointly Sponsored by Continuing Medical Education Resources, Inc.
COURSE OVERVIEW AND INTENDED AUDIENCE
The 2009 ASER Annual Meeting will provide a broad overview of current state-of-the-art imaging techniques to evaluate the acutely ill and injured patient. Educational sessions covering the latest advances and trends in emergency and trauma radiologic diagnosis and sessions presenting new and original scientific work are included. The meeting provides an opportunity to meet with international colleagues and discuss new and challenging aspects of emergency and trauma imaging.

The meeting will be of particular interest and importance to clinical radiologists, both in the community and academic centers, delivering emergency care. Subspecialists in emergency radiology, neuroradiology, musculoskeletal radiology, chest and abdominal radiology as well as radiology and emergency residents at all levels of training will also find the educational and scientific material presented at the ASER meeting essential to their core and on-call knowledge base.

The “Trauma Head to Toe” course held on the first two days of the meeting is well-suited for radiology residents preparing for emergency radiology coverage and is an excellent review for all radiologists covering Trauma Centers. The ASER is offering complimentary registration for this two-day course to the first 50 residents or fellows in Emergency Radiology who register for the course.

MEETING GOALS AND LEARNING OBJECTIVES
At the conclusion of the course, attendees should be able to:

1. Identify which imaging modalities are appropriate for identification and characterization of multi-system injuries among polytrauma victims (MDCT, US, MR, conventional radiography).
2. Optimize imaging protocols using available tools to minimize radiation dose for patients of all ages.
3. Recognize and discriminate between causes of acute change in mental/neurologic status (eg, ischemia with or without hemorrhage vs. extant vascular abnormality vs. inflammatory or infectious disease vs. neoplasm) in the brain, spinal cord and spine, neurological, thoracic, abdominal and pelvic emergencies.
4. Recognize, characterize and stage acute intrathoracic and intra-abdominal non traumatic emergencies using MDCT and US.
5. Review and enhance their organization’s disaster response plans and preparatory practices to reflect realities of emerging threats.
6. Adopt dose reduction strategies for evaluating emergency and multi-trauma patients in their practice.

CME ACCREDITATION AND CREDIT DESIGNATION
This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of Continuing Medical Education Resources and the American Society of Emergency Radiology. Continuing Medical Education Resources is accredited by the ACCME to provide continuing medical education for physicians.

Continuing Medical Education Resources designates this educational activity for a maximum of 30 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

SELF ASSESSMENT MODULE
The Self Assessment Module (SAM) presented in this activity, “Trauma Head to Toe: Thoracoabdominal II,” has been qualified by the American Board of Radiology in meeting the criteria for self-assessment toward the purpose of fulfilling requirements in the ABR Maintenance of Certification Program. You may register to receive MOC Credit for this SAM and pay the associated $35 fee during the registration process.

VALUE FOR YOUR DOLLAR
Consider the benefits received from attending this meeting:

- Top-Quality Education: A wide-ranging educational experience reflecting the latest advances in emergency radiology.
- CME: This activity has been approved for 30 AMA PRA Category 1 Credits™.
- Networking: Opportunities to grow professionally while building relationships with your peers.
- The registration fee includes teaching materials, instruction, welcome reception, annual awards reception and banquet, continental breakfasts, coffee breaks and awarding of AMA PRA Category 1 Credits™.
Hani H. Abujudeh, MD, MBA
Harvard Medical School
Massachusetts General Hospital
Boston, MA

Stephan W. Anderson, MD
Boston University
Boston Medical Center
Boston, MA

Alexander B. Baxter, MD
New York University School of Medicine
NYU Langone Medical Center
New York, NY

Mark Bernstein, MD
NYU Langone Medical Center
Bellevue Hospital
New York, NY

Sanjeev Bhalla, MD
Mallinckrodt Institute of Radiology
Washington University School of Medicine
St. Louis, MO

Paul J. Bode, MD
Leiden University
Leiden University Medical Center
Leiden, The Netherlands

Syed Jamal Bokhari, MD
Yale University School of Medicine
Yale-New Haven Hospital
New Haven, CT

Melvyn Feliciano, MD
New York University School of Medicine
NYU Langone Medical Center
Bellevue Hospital
New York, NY

Les R. Folio, DO, MPH, FAOCR
Colonel, USAF (ret)
Uniformed Services University
Bethesda, MD

Walter Reed Army Medical Center
Washington, DC

Joel A. Gross, MD
University of Washington School of Medicine
Harborview Medical Center
Seattle, WA

Martin Gunn, MB ChB, FRANZCR
University of Washington
Harborview and University of Washington Medical Centers
Seattle, WA

Stephen F. Hatem, MD
Cleveland Clinic
Cleveland, OH

Susan D. John, MD
University of Texas Medical School at Houston
Texas Medical Center
Houston, TX

Michele H. Johnson, MD
Yale University School of Medicine
Yale-New Haven Hospital
New Haven, CT

Douglas S. Katz, MD, FACR
Winthrop-University Hospital
Mineola, NY

Mark A. King, MD
The Ohio State University
The Ohio State University Medical Center
Columbus, OH

Markus Körner, MD
Ludwig-Maximilians-University
Munich, Germany

Digna R. Kool, MD
Radboud University Nijmegen Medical Centre
Nijmegen, The Netherlands

Wayne S. Kubal, MD
Yale University
Yale-New Haven Hospital
New Haven, CT

Manickam Kumaravel, MD
University of Texas Health Science Center at Houston
Houston, TX

Stephen Ledbetter, MD, MPH
Harvard Medical School
Brigham and Women’s Hospital
Boston, MA

Ken F. Linnau, MD, MS
University of Washington
Harborview Medical Center
Seattle, WA

Christine Menias, MD
Mallinckrodt Institute of Radiology
Washington University
St. Louis, MO

Stuart E. Mirvis, MD, FACR
University of Maryland School of Medicine
Baltimore, MD

Felipe Munera, MD
University of Miami Miller School of Medicine
Jackson Memorial Hospital – Ryder Trauma Center
Miami, FL

Mohammad Naeem, MBBS, MD
Major, US Army
Landstuhl Regional Medical Center
Landstuhl, Germany

Quynh Nguyen, PA-C, MHS
University of Washington Medical School
Harborview Medical Center
Seattle, WA

Robert A. Novelline, MD, FACR
Harvard Medical School
Massachusetts General Hospital
Boston, MA

Diego B. Nuñez, MD, MPH
Yale University School of Medicine
Hospital of St. Raphael
New Haven, CT

Niall Power, MRCPi, FRCR
Barts and the London NHS Trust
London, United Kingdom

James Provenzale, MD
Duke University Medical Center
Durham, NC

Emory University School of Medicine
Atlanta, GA

Sravanthi Reddy, MD
University of Southern California
Los Angeles County – USC Medical Center
Los Angeles, CA

James T. Rhea, MD
Boston University
Boston Medical Center
Boston, MA

Mariano Scaglione, MD
Pineta Grande Clinical Institute
Casel Volutino
Caserta, Italy

K. Shanmuganathan, MD
University of Maryland Medical Center
Baltimore, MD

Carlos J. Sivit, MD
Case Western Reserve School of Medicine
Rainbow Babies and Children’s Hospital
Cleveland, OH

Aaron Sodickson, MD, PhD
Harvard Medical School
Brigham and Women’s Hospital
Boston, MA

Jorge A. Soto, MD
Boston University
Boston Medical Center
Boston, MA

Leonard E. Swischuk, MD
University of Texas Medical Branch
Galveston, TX

Claus-Peter Wallner, MD
Ludwig-Maximilians-University
Munich, Germany

O. Clark West, MD, FACR
The University of Texas
Health Science Center at Houston
Memorial-Hermann Hospital – Texas Medical Center
& LBJ General Hospital
Houston, TX

Anthony J. Wilson, MB ChB
Madigan Army Medical Center
Tacoma, WA

Joseph S. Yu, MD
The Ohio State University
The Ohio State University Medical Center
Columbus, OH
### Program

**DAILY 9/30/09 – 10/3/09**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>7:00 am – 8:00 am</td>
<td>Continental Breakfast</td>
</tr>
<tr>
<td>7:00 am – 5:30 pm</td>
<td>Registration, Scientific &amp; Educational Posters, Cases of the Day and Exhibit Hours</td>
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**WEDNESDAY 9/30/09**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:55 am – 8:00 am</td>
<td>Welcome</td>
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<tr>
<td>8:00 am – 8:30 am</td>
<td>Head Trauma</td>
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<tr>
<td>8:30 am – 9:00 am</td>
<td>MDCT Maxillofacial Trauma; Saving Face</td>
</tr>
<tr>
<td>9:00 am – 9:30 am</td>
<td>Concepts of Cervical Spine Stability</td>
</tr>
<tr>
<td>9:30 am – 10:00 am</td>
<td>Pediatric Cervical Spine Injuries</td>
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<tr>
<td>10:00 am – 10:15 am</td>
<td>Question and Answer Session</td>
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<tr>
<td>10:15 am – 10:30 am</td>
<td>Break</td>
</tr>
<tr>
<td>10:30 am – 10:40 am</td>
<td>Introduction</td>
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<tr>
<td>10:40 am – 11:30 am</td>
<td>Managing Imaging Information When Patients are Transferred: Are We on the Road to Nationwide PACS?</td>
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<tr>
<td>11:30 am – 11:45 am</td>
<td>Question and Answer Session</td>
</tr>
<tr>
<td>11:45 am – 12:50 pm</td>
<td>ASER Lunch with Scientific Session I (Closed Session for Members Only)</td>
</tr>
<tr>
<td>1:15 pm – 1:30 pm</td>
<td>ABR Update Video Presentation</td>
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**Founder’s Lecture**

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>1:30 pm – 2:20 pm</td>
<td>Pediatric Trauma: Accidental or Inflicted?</td>
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<tr>
<td>2:20 pm – 2:45 pm</td>
<td>Imaging and Classification of Major Pelvic Ring Disruptions</td>
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<tr>
<td>2:45 pm – 3:10 pm</td>
<td>Imaging and Classification of Acetabular Fractures</td>
</tr>
<tr>
<td>3:10 pm – 3:20 pm</td>
<td>Question and Answer Session</td>
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<tr>
<td>3:20 pm – 3:35 pm</td>
<td>Break</td>
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**Trauma Head to Toe: Musculoskeletal I**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>3:35 pm – 4:00 pm</td>
<td>A Mechanistic Approach to Ankle Fractures</td>
</tr>
<tr>
<td>4:00 pm – 4:25 pm</td>
<td>Simplified Approach to Complex Calcaneus Fractures</td>
</tr>
<tr>
<td>4:25 pm – 4:50 pm</td>
<td>MR Correlations of MSK Injuries Presenting in the ER</td>
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<tr>
<td>4:50 pm – 5:15 pm</td>
<td>MRI of Urgent Musculoskeletal Conditions: What to Expect in the ED</td>
</tr>
<tr>
<td>5:15 pm – 5:25 pm</td>
<td>Question and Answer Session</td>
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**THURSDAY 10/1/09**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:00 am – 8:30 am</td>
<td>MDCT of Cranio cervical Vascular Injuries: A Pain in the Neck?</td>
</tr>
<tr>
<td>8:30 am – 8:55 am</td>
<td>MDCT of Aortic Injury 2009: The More We See the Less We Know</td>
</tr>
<tr>
<td>8:55 am – 9:20 am</td>
<td>CT of Blunt Abdominal Vascular Injury</td>
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<tr>
<td>9:20 am – 9:45 am</td>
<td>64 MDCT Angiography of Extremity Trauma</td>
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<tr>
<td>9:45 am – 9:55 am</td>
<td>Question and Answer Session</td>
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<tr>
<td>9:55 am – 10:10 am</td>
<td>Break</td>
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THURSDAY (continued) 10/1/09

**Trauma Head to Toe: Thoracoabdominal I**  
**Moderator:** Mariano Scaglione, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter</th>
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</thead>
<tbody>
<tr>
<td>10:10 am</td>
<td>Easily Missed Trauma Lesions: Case-based Presentation</td>
<td>K. Shanmuganathan, MD</td>
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<tr>
<td>10:40 am</td>
<td>MDCT for Penetrating Abdominal Trauma</td>
<td>Felipe Munera, MD</td>
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<tr>
<td>11:05 am</td>
<td>MDCT for Characterization of Non-Aortic Chest Trauma</td>
<td>Robert A. Novelline, MD, FACR</td>
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<tr>
<td>11:30 am</td>
<td>Imaging of Thoracolumbar Spine Trauma</td>
<td>Quynh Nguyen, PA-C, MHS</td>
</tr>
<tr>
<td>11:55 am</td>
<td>Question and Answer Session</td>
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<tr>
<td>12:05 pm</td>
<td>Lunch Break</td>
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</tr>
<tr>
<td>12:10 pm</td>
<td>ASER Lunch with Scientific Session II (Closed Session for Members Only)</td>
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<tr>
<td>1:15 pm</td>
<td>Wednesday Cases of the Day Review</td>
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<tr>
<td>1:30 pm</td>
<td>Splenic Trauma: What’s New?</td>
<td>K. Shanmuganathan, MD</td>
</tr>
<tr>
<td>1:55 pm</td>
<td>MDCT of Bowel and Mesenteric Trauma</td>
<td>Niall Power, MRCPi, FRCR</td>
</tr>
<tr>
<td>2:20 pm</td>
<td>Imaging of Blunt Pancreatic and Duodenal Trauma</td>
<td>Jorge A. Soto, MD</td>
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<tr>
<td>2:45 pm</td>
<td>Essentials of Renal and Bladder Trauma</td>
<td>Joel A. Gross, MD</td>
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<tr>
<td>3:10 pm</td>
<td>Question and Answer Session</td>
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<tr>
<td>3:20 pm</td>
<td>Break</td>
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</tbody>
</table>

**Self Assessment Module - Trauma Head to Toe: Thoracoabdominal II**  
**Moderator:** Ken F. Linnau, MD, MS

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>1:30 pm</td>
<td>Splanic Trauma: What’s New?</td>
<td>K. Shanmuganathan, MD</td>
</tr>
<tr>
<td>1:55 pm</td>
<td>MDCT of Bowel and Mesenteric Trauma</td>
<td>Niall Power, MRCPi, FRCR</td>
</tr>
<tr>
<td>2:20 pm</td>
<td>Imaging of Blunt Pancreatic and Duodenal Trauma</td>
<td>Jorge A. Soto, MD</td>
</tr>
<tr>
<td>2:45 pm</td>
<td>Essentials of Renal and Bladder Trauma</td>
<td>Joel A. Gross, MD</td>
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<tr>
<td>3:10 pm</td>
<td>Question and Answer Session</td>
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</table>

**Trauma Head to Toe: Thoracoabdominal III**  
**Moderator:** Wayne S. Kubal, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>3:35 pm</td>
<td>Imaging Trauma in Pregnancy</td>
<td>Mark Bernstein, MD</td>
</tr>
<tr>
<td>4:00 pm</td>
<td>New Topic: Quality &amp; Safety in Emergency Radiology</td>
<td>Hani H. Abujuudeh, MD, MBA</td>
</tr>
<tr>
<td>4:25 pm</td>
<td>Utility of Pelvic CTA in Blunt Trauma</td>
<td>Stephan W. Anderson, MD</td>
</tr>
<tr>
<td>4:55 pm</td>
<td>Gunshot Injuries: What Does a Radiologist Need to Know?</td>
<td>Anthony J. Wilson, MB ChB</td>
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<tr>
<td>5:20 pm</td>
<td>Question and Answer Session</td>
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<tr>
<td>5:30 pm</td>
<td>Break</td>
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FRIDAY 10/2/09

**Emergency Neuroimaging**  
**Moderator:** Sravanthi Reddy, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>8:00 am</td>
<td>Stroke Imaging in the ER: 2009</td>
<td>Michele H. Johnson, MD</td>
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<tr>
<td>8:30 am</td>
<td>Emergent Brain Infections &amp; Inflammations</td>
<td>James Provenzale, MD</td>
</tr>
<tr>
<td>8:55 am</td>
<td>Emergent Head &amp; Neck Conditions</td>
<td>Alexander B. Baxter, MD</td>
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<tr>
<td>9:20 am</td>
<td>Emergent Spine Infections &amp; Inflammations</td>
<td>Wayne S. Kubal, MD</td>
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<tr>
<td>9:55 am</td>
<td>Practical Challenges: Too Small to Characterize, Too Big to Ignore</td>
<td>Michele H. Johnson, MD</td>
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<tr>
<td>10:15 am</td>
<td>Question and Answer Session</td>
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<tr>
<td>10:20 am</td>
<td>Break</td>
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</table>

**Emergency Cardiopulmonary Imaging**  
**Moderator:** Joel A. Gross, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>10:35 am</td>
<td>Aortic Dissection: Optimizing Approach in the Emergency Department</td>
<td>Stephen Ledbetter, MD, MPH</td>
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<tr>
<td>11:00 am</td>
<td>Acute Dyspnea: CT Findings (When not PE)</td>
<td>Sanjeev Bhalla, MD</td>
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<tr>
<td>11:25 am</td>
<td>CT Evaluation of Pulmonary Thromboembolism</td>
<td>Mark A. King, MD</td>
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<tr>
<td>11:50 am</td>
<td>CT for Acute Chest Pain Assessment</td>
<td>Sanjeev Bhalla, MD</td>
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<tr>
<td>12:15 pm</td>
<td>Question and Answer Session</td>
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FRIDAY (continued) 10/2/09

12:25 pm – 12:35 pm Thursday Cases of the Day Review
12:35 pm Adjourn
6:30 pm – 9:00 pm ASER Social Event at Emeril’s Restaurant (Additional Fee Required)

SATURDAY 10/3/09

Disaster Preparation & Response  Moderator, Paul J. Bode, MD
8:00 am – 8:25 am Radiological Disasters and Effects of Nuclear Weapons Maj. Mohammad Naeem, MBBS, MD
8:25 am – 8:50 am Mass Casualty Incidents: Perspectives for Emergency Radiology Markus Körner, MD
8:50 am – 9:15 am Radiologists’ Roles in Responding to Radiation Accidents & Terrorism Maj. Mohammad Naeem, MBBS, MD
9:15 am – 9:40 am Combat Trauma Imaging Col. Les Folio, DO, MPH, FAOCR
9:40 am – 9:55 am Break

Radiation Exposure for Radiologists  Moderator, Digna R. Kool, MD
9:55 am – 10:20 am “Super-size Me”: Managing the Trade-off Between Radiation Dose and Image Quality Martin Gunn, MB ChB, FRANZCR
10:20 am – 10:45 am ALARA Carlos J. Sivit, MD
10:45 am – 11:10 am Technical Innovations for CT Dose Reduction Martin Gunn, MB ChB, FRANZCR
11:10 am – 11:35 am CT Radiation Exposure - A Drop in the Bucket? What Does it all Mean for My Patients? Aaron Sodickson, MD, PhD
11:35 am – 11:40 am Question and Answer Session and Panel Discussion
11:40 am – 12:50 pm Lunch Break
11:45 am – 12:45 pm ASER Lunch with Scientific Session III (Closed Session for Members Only)
12:50 pm – 1:05 pm Friday and Saturday Cases of the Day Review

Acute Abdomen & Pelvis  Moderator, Martin Gunn, MB ChB, FRANZCR
1:05 pm – 1:30 pm CT/MR of Acute Lower Abdominal Pain Christine Menias, MD
1:30 pm – 1:55 pm Contemporary Imaging of Biliary Tract Emergencies Jorge A. Soto, MD
1:55 pm – 2:20 pm CT/MR of Acute Gynecologic Emergencies Christine Menias, MD
2:20 pm – 2:55 pm The Terrible T’s of Testicular Ultrasound Syed Jamal Bokhari, MD
2:55 pm – 3:15 pm Role of Noncontrast Abdominal CT in the ER Douglas S. Katz, MD, FACR
3:15 pm – 3:20 pm Question and Answer Session
3:20 pm – 3:35 pm Break

Emergent Infant & Childhood Conditions  Moderator, Stephen F. Hatem, MD
3:35 pm – 4:00 pm Evaluation of Acute Respiratory Distress Leonard E. Swischuk, MD
4:00 pm – 4:25 pm Evaluation of Acute Onset Vomiting Claus-Peter Wallner, MD
4:25 pm – 4:50 pm Evaluation of Acute Back Pain Susan D. John, MD
4:50 pm – 5:15 pm Evaluation of First Seizure James Provenzale, MD
5:15 pm – 5:20 pm Question and Answer Session
5:20 pm Adjourn
6:30 pm – 10:00 pm Annual Awards Reception and Banquet
### SPECIAL EVENTS

**Welcome Reception**
Wednesday, September 30  
6:30 – 8:00 PM  
Wantilan Luau Pavilion  
Light hors d’oeuvres and hosted bar

**Guest Daily Continental Breakfast**
Wednesday, September 30 – Saturday, October 3  
7:00 – 8:00 AM  
Pacifica Ballroom Foyer South  
Additional fee required.

**ASER Annual Business Meeting**
Friday, October 2  
7:15 – 7:45 AM  
Pacifica Ballroom 10 – 12

**Annual Awards Reception and Banquet**
Saturday, October 3  
6:30 – 10:00 PM

**ASER Social Event***
Friday, October 2  
6:30 – 9:00 PM  
Emeril’s Orlando Restaurant at Universal CityWalk®  
Additional fee required.

*For more information regarding the ASER Social Event, please refer to page 7 of this brochure.

### REGISTRATION INFORMATION

Register now at [www.erad.org](http://www.erad.org)!

There are three easy ways to register:
- By internet at [www.erad.org](http://www.erad.org)
- By fax at 713-960-0488*
- By mail at ASER Annual Meeting, 4550 Post Oak Place, Ste. 342, Houston, TX 77027*

*A hardcopy registration form is available on the society website. However, please note that there is an additional fee of $20 if you register by mail or fax. Save time and the extra fee by registering online.

<table>
<thead>
<tr>
<th>Registration Fees</th>
<th>On or Before</th>
<th>After</th>
<th>One Day</th>
<th>On-Site</th>
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<tr>
<td>ASER Member</td>
<td>$645.00</td>
<td>$745.00</td>
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<td>Non-Member (Physician)</td>
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<td>ASER Member in Training*</td>
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<td>Non-Member in Training*</td>
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<td>$570.00</td>
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<td>Allied Health Professional**</td>
<td>$470.00</td>
<td>$570.00</td>
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<tr>
<td>Two-Day Trauma Head to Toe Course***</td>
<td>Complimentary</td>
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*Proof of resident and fellow status must be faxed to 713-960-0488.  
**Certificates of attendance will be available.  
***Offer for residents and fellows in emergency radiology only and is limited to the first 50 registrants. Proof of resident and fellow status must be faxed to 713-960-0488.

### Optional Activities

- Self Assessment Module — MOC Credit  
  $35.00
- ASER Social Event at Emeril's  
  $100.00
- Guest Daily Continental Breakfast  
  $120.00

### Registration Dates

The early bird advanced registration deadline is Sunday, August 23. Registrations received after this date will be charged an additional $100.00, as noted in the registration fees.

Online registration will close Sunday, September 20. After this date, attendees must register on-site and pay on-site registration fees.

### Registration Cancellation Policy

A $100.00 administrative fee will be retained if you cancel your meeting registration for any reason. In order to receive a refund of the balance, written notice must be received no later than Wednesday, September 16. No refunds will be made after this date.

### Registration, Scientific & Educational Posters, Cases of the Day and Exhibit Hours

Wednesday, September 30  
7:00 AM – 5:30 PM

Thursday, October 1  
7:00 AM – 5:30 PM

Friday, October 2  
7:00 AM – 1:00 PM

Saturday, October 3  
7:00 AM – 5:30 PM

Registration materials may be picked up on-site at the registration desk in the Pacifica Ballroom Foyer South. Please note that the course syllabus will be on a CD-ROM. If you would like to be able to access the presentation slides during the course, we suggest you bring your own laptop computer.

### Continental Breakfast (Registrants Only)

Wednesday – Saturday  
7:00 AM – 8:00 AM

If you have any special needs, please contact IMM at the above address in writing at least two weeks before the meeting to ensure that your needs will be met.
Hotel Reservation and Cancellation Policy

Reservations may be made by phone at 1-866-360-7395. When calling, please mention that you are attending the ASER Annual Meeting at Loews Royal Pacific Resort in Orlando, Florida and use the code GWA34R.

Deposit Information

The hotel will require a one night deposit to confirm a guestroom reservation. Payment may be made by personal check, money order, or major credit card. The deposit will not be charged against the credit card unless you do not adhere to the cancellation policy listed below.

Cancellation Policy

The hotel will refund your entire deposit, if you cancel your reservation 5 days before your scheduled date of arrival; or you cancel your reservation or check out of the hotel earlier than your anticipated departure date, due to a personal emergency involving yourself or your immediate family.

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ASER SOCIAL EVENT

A Night on the Town ~ Wine and Dine at Emeril’s Orlando Restaurant
Located at Universal CityWalk
Friday, October 2
6:30 – 9:00 PM

Enjoy a one of a kind dining experience with fellow ASER members and meeting attendees in the private wine room at Emeril’s® Restaurant Orlando. The restaurant is pleased to offer Chef Emeril Lagasse’s award winning New Orleans cuisine in a wine room that features oak barrel-style ceilings surrounded by vintage wine in a working wine cellar. Relax after a hectic day with a selection from the extensive wine list and indulge yourself in the bold exciting flavors for an unforgettable experience.

The restaurant is conveniently located in one of Orlando’s hottest spots for dining and entertainment, Universal CityWalk. Before or after dinner, feel free to explore this 30-acre entertainment complex which offers the best in live music, fine dining, dancing, shopping, movies and more!

Cost per person: $100 (including four course meal and alcoholic and non-alcoholic beverages)

As the restaurant is only a short 4 to 5 minute walk from the hotel, transportation will not be organized by ASER. Loews Royal Pacific Resort provides complimentary water taxis that accommodate 30 to 40 people at a time and run every 10 minutes until 2:30 AM. The water taxis pick up at the hotel directly across from the Emeril’s Tchoup Chop restaurant and drop off in the center of CityWalk.

Universal Studios®
Go beyond the screen and jump into the action of your favorite films at the number one movie and TV based theme park in the world at Universal Studios®. Or take an unforgettable journey through five remarkable islands where the most innovative rides and attractions ever created challenge all your senses at Universal’s Islands of Adventure®. For more information please visit www.universalorlando.com.

Universal CityWalk®
Universal CityWalk is Orlando’s hottest spot for dining and entertainment, offering everything from a night of family fun to a great place to hang out with friends to romantic fun for couples. It’s a 30 acre entertainment complex where you can experience the best of the best in live music, casual and fine dining, dancing, shopping, movies, and more.

Walt Disney World
Walt Disney World is the planet’s most popular family destination. This 30,000 acre complex of fantasy and fun leaves visitors exhilarated! Four theme parks, two water parks, a nightclub, shopping districts and even a heaping helping of nature provide for endless entertainment! For more information please visit www.waltdisneyworld.com.

Kennedy Space Center
The new Shuttle Launch Experience is a $60 million simulator guaranteed to quicken your pulse. It takes riders from briefing to pre-launch to ignition and liftoff. The thrilling ride includes out-of-this-world video and some motion. For more information please visit www.kennedyspacecenter.com.

Orlando Science Center
This four-story center provides 10 exhibit halls that allow visitors to explore everything from Florida swamps to the arid plains of Mars to the human body. One of the big attractions is the Dr. Phillips CineDome, a 310-seat theater that presents large-format films, planetarium shows, and laser-light extravaganzas. For additional information, visit www.osc.org.

Central Florida Zoo and Botanical Gardens
This animal collection includes beautiful clouded leopards, cheetahs, and black-footed cats! You’ll also meet Asian elephants, black howler monkeys, American crocodiles, the largest collection of venomous snakes in the Southeast plus hundreds of other species. Recent additions include the alligator and crocodile viewing deck, an Insect Zoo, and toucan exhibit. Be sure to bring your swimsuit to enjoy the new Wharton Smith Tropical Splash Ground. For more information please visit www.centralfloridazoo.org.

For additional information on Orlando, Florida, please visit www.orlandoinfo.com.

Please note that all highlights listed above, with the exception of the ASER Social Event, are not organized by ASER. This information is simply for your reference in planning your trip to Orlando. Please contact the venues directly with any questions concerning pricing and logistics.
APPLICATION FOR MEMBERSHIP

Physicians who qualify for membership and who are interested in promoting the goals of the American Society of Emergency Radiology (ASER) are invited to complete the application form. New applications are reviewed and endorsed by the Membership Committee and then reviewed by the Executive Committee. Successful applicants are notified by the Society of acceptance. If your application is not approved for membership, the first year’s membership dues will be refunded.

The ASER was established in 1988 for the following purposes, as stated in the Society Bylaws:

• To advance and improve the radiologic aspects of emergent patient care.

• To establish emergency radiology as an area of special interest in the field of diagnostic imaging including sequencing, prioritization, and management of the delivery of imaging services.

• To improve educational curricula in emergency radiology for both medical students and residents.

• To provide, through an annual scientific meeting, a mechanism for presentation of scientific information on various aspects of emergency radiology and continuing education.

• To promote research in emergency radiology by clinical and basic science investigators, including residents and other trainees.

• To act as the resource body on emergency radiology for those interested in emergent patient care.

• To foster the development of emergency radiology in other nations and/or regions of the world.

• To develop and recommend standards of care in emergency radiology.

• To publish a scientific journal for dissemination of emergency radiological, clinical, educational, and research information worldwide.

QUALIFICATIONS FOR MEMBERSHIP

Active
A diplomat of the ABR, AOBR, the Royal College of Physicians and Surgeons of Canada or national accreditation organization whose credentials are acceptable to the Membership Committee. Should an applicant radiologist be from a country that does not have a national accreditation, the membership committee shall evaluate the applicant’s qualifications and make its recommendation to the Executive Committee. Active members shall be entitled to vote, to hold elective and appointed office, and to serve on all committees. Members shall pay full dues, which include a subscription to Emergency Radiology, the Society’s official journal. Dues are currently $275 per year.

Associate
Physicians who are engaged in the practice of radiology but who have not been certified by the ABR, AOBR, or the Royal College of Physicians and Surgeons of Canada or equivalent, scientists, imaging technologists, radiological physician assistants, or physicians with an interest in emergency radiology whose credentials are acceptable to the Membership Committee. Associate members have the right to be appointed to committees, but shall not have the right to hold elective office or be a member of the Executive Committee. Associate members shall pay full society dues ($275), which include a subscription to Emergency Radiology, the Society’s official journal.

Member-In-Training
Physicians in training in the field of radiology (residents, fellows, or medical students) who have an interest in emergency radiology. Members-in-training shall be entitled to all the privileges of Active members except they shall not be entitled to vote or hold office. They may serve on committees of the Society. Dues for members-in-training are free and include online access to Emergency Radiology, the Society’s official journal. The printed journal is optional for members-in-training at a cost of $55.

Membership Information
MEMBERSHIP APPLICATION

Please print or type

Please circle: Mr. Mrs. Ms.

First Name__Middle Initial__Last Name____

Degree______________________________

I prefer my journals and correspondence to be sent to: Home ______ Work ______

Home
Address: ____________________________________________

Phone: ____________________________
Fax: ______________________________
E-mail: __________________________

Office
Address: ____________________________________________

Phone: ____________________________
Fax: ______________________________
E-mail: __________________________

Medical School(s) Attended:
(Use additional sheet if necessary)

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Radiology Residency:

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Radiology Fellowship (if applicable):

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Board Certified by:__________________________________________ Date:________________
(Enclose copy of certification with application)

Type Practice:  ___Academic  ___Private  ___Resident  ___Military  ___Government

ER Practice:    ___Trauma I  ___Trauma II  ___Trauma III  ___Nighthawk/Teleradiology  ___Other

Society Affiliations: ___ACR  ___RSNA  ___ARRS  ___AUR  ___ASTRO  ___AMA  ___Other:________

Please check member category for which you are applying:

___Active ($275/yr)  ___Associate ($275/yr)

Member-in-Training-Online Journal (FREE!): PGY-1:___PGY-2:___PGY-3:___PGY-4:___PGY-5:___Medical Student:___

Fellow Member-in-Training-Printed Journal ($55/yr) __________

Signature:________________________________________Date:________________

Membership Dues, curriculum vitae, and a copy of board certification must accompany the application when submitted.

Attach check or complete credit card information. E-mail curriculum vitae to aser@meetingmanagers.com.

___Check (payable to ASER)  ___MasterCard  ___VISA  ___American Express

Credit Card Number:________________________________________Security Code (3-4 Digits) __________________

Name on Card:________________________________Signature:____________________________

Mail to: ASER, 4550 Post Oak Place, Suite 342, Houston, TX 77027, Fax to 713-960-0488, or e-mail aser@meetingmanagers.com for an electronic application.
2009 Postgraduate Course in Emergency and Trauma Radiology