AMERICAN SOCIETY of EMERGENCY RADIOLOGY

2010 Postgraduate Course in Emergency and Trauma Radiology

August 11 – August 14, 2010
Grand Hyatt Seattle Hotel, Seattle, Washington

www.erad.org

PROGRAM HIGHLIGHTS

- Trauma Head to Toe – 2 Day Categorical Course
- Update Your Protocols with the Experts – Trauma, PE and Dissection
- SAM: Spine Trauma
- SAM: Abdominal Trauma
- Scientific Papers and Scientific and Educational Exhibits
- Tour of Harborview Emergency and Trauma Center
COURSE OVERVIEW AND INTENDED AUDIENCE
The 2010 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 residents and fellows and emergency physicians 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 radiology residents or fellows interested in emergency radiology.

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

1. Determine which patients should undergo imaging at presentation.
2. Identify the appropriate imaging studies to perform, to allow rapid imaging of the injured or ill patient, while minimizing the risks of radiation and contrast.
3. Process the images appropriately to obtain a useful set of images that can expeditiously be reviewed and provide the diagnosis.
4. Recognize injuries and describe and grade them in a manner useful to the clinicians.

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 30.25 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

SELF ASSESSMENT MODULE INFORMATION
The Self Assessment Modules (SAM) presented in this activity, “Trauma Head to Toe: Abdominal Trauma” and “Trauma Head to Toe: Spine Trauma”, have 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 these sessions and pay the associated $35 fee during the registration process.

RETURN ON YOUR INVESTMENT
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 30.25 AMA PRA Category 1 Credits™.
- Networking: Opportunity 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™.
Stephan W. Anderson, MD  
Boston University  
Boston University Medical Center  
Boston, MA  

Dominic Barron, FRCR  
Leeds General Infirmary  
Leeds Teaching Hospitals  
Yorkshire, UK  

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

Norman I. Beauchamp, Jr., MD, MHS  
University of Washington  
University of Washington Medical Center  
Seattle, WA  

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

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

C. Craig Blackmore, MD, MPH  
University of Washington  
Virginia Mason Medical Center  
Seattle, WA  

Jamal Bokhari, MD  
Yale University  
Yale-New Haven Hospital  
New Haven, CT  

Robert L. Bree, MD, MHSA, FARC  
University of Washington School of Medicine  
Harborview Medical Center  
Seattle, WA  

Marc A. Camacho, MD, MS  
Harvard Medical School  
Beth Israel Deaconess Medical Center  
Boston, MA  

Teresa Chapman, MD  
University of Washington  
Seattle Children’s Hospital City  
Seattle, WA  

Manjiri Dighe, MD  
University of Washington Medical Center  
Seattle, WA  

Theodore J. Dubinsky, MD  
University of Washington  
Seattle, WA  

Kathleen Tozer Fink, MD  
University of Washington  
Harborview Medical Center  
Seattle, WA  

Andy Fisher, MD, MBA  
Radiology Imaging Associates  
Denver, CO  

Les R. Folio, DO, MPH, FACR  
National Institutes of Health  
Uniformed Services University of the Health Sciences  
Bethesda, MD  

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  

Daniel K. Hallam, MD, MSc  
University of Washington  
Harborview Medical Center  
Seattle, WA  

Susan D. John, MD, FACR  
University of Texas Medical School at Houston  
Memorial Hermann/Children’s Memorial Hermann Hospitals  
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  

Corey A. Kemper, PhD  
MEDRAD, Inc.  
Pittsburgh, PA  

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

Wayne S. Kubal, MD  
University of Arizona  
Tucson, AZ  

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

Karen S. Lee, MD  
Harvard Medical School  
Beth Israel Deaconess Medical Center  
Boston, MA  

Bertil Leidner, MD  
Karolinska University Hospital Huddinge  
Stockholm, Sweden  

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

Sung LoGerfo, MD  
University of Washington School of Medicine  
University of Washington Medical Center  
Seattle, WA  

F.A. Mann, MD  
Seattle Radiologists, APC  
Swedish Medical Center  
Seattle, WA  

Stuart E. Mirvis, MD, FACR  
University of Maryland School of Medicine  
University of Maryland Medical Center and Maryland Shock-Trauma Center  
Baltimore, MD  

Charles F. Mueller, MD, FACR  
The Ohio State University  
Columbus, OH  

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

Robert O. Nathan, MD, MPH  
University of Washington  
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  

Gautham P. Reddy, MD, MPH  
University of Washington  
University of Washington and Harborview Medical Centers  
Seattle, WA  

Srivanthi Reddy, MD  
University of Southern California  
Los Angeles County-USC Medical Center  
Los Angeles, CA  

Lee F. Rogers, MD  
University of Arizona Health Sciences Center  
University Medical Center  
Tucson, AZ  

Claudia Satro, MD, FRCP, FABR  
University of Washington  
Harborview Medical Center  
Seattle, WA  

Mariano Scaglione, MD  
Pineta Grande Medical Center  
Castel Volturno, Caserta, Italy  

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

Clint W. Sliker, MD  
University of Maryland School of Medicine  
R. Adams Cowley Shock Trauma Center  
Baltimore, MD  

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

Jorge A. Soto, MD  
Boston University School of Medicine  
Boston Medical Center  
Boston, MA  

Eric J. Stern, MD  
University of Washington  
Seattle, WA  

Mahesh Thapa, MD  
University of Washington  
Seattle Children’s Hospital  
Seattle, WA  

Johnny Vlahos, FRCR  
St. George’s School of Medicine, University of London  
St. George’s Hospital London  
London, England  

Ed Weinberger, MD  
University of Washington  
Seattle Children’s Hospital  
Seattle, WA  

O. Clark West, MD, FACR  
UT Health  
Memorial Hermann Hospital – Texas Medical Center  
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  

Ronald J. Zagoria, MD, FACR  
Wake Forest University Health Sciences  
Winston-Salem, NC  

Cover and Above Photograph by:  
Mahesh Thapa, MD (www.StarvingPhotographer.com)
### Program

**DAILY 8/11/10 - 8/14/10**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 am</td>
<td>Continental Breakfast</td>
</tr>
<tr>
<td>7:00 am</td>
<td>Registration, Scientific and Educational Posters, Cases of the Day and Exhibit Hours</td>
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</tbody>
</table>

**WEDNESDAY 8/11/10**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:50 am</td>
<td>Welcome and Opening Remarks</td>
</tr>
<tr>
<td></td>
<td><strong>Trauma Head to Toe: Update Your Protocols - Trauma</strong> Moderator, Aaron Sodickson, MD, PhD</td>
</tr>
<tr>
<td>7:55 am</td>
<td>Update Your Protocols - Radiation Exposure</td>
</tr>
<tr>
<td>8:25 am</td>
<td>Update Your Protocols - IV Contrast Infusion</td>
</tr>
<tr>
<td>8:55 am</td>
<td>Question and Answer Session</td>
</tr>
<tr>
<td>9:00 am</td>
<td>Update Your Protocols - Trauma Panscan</td>
</tr>
<tr>
<td>9:50 am</td>
<td>Question and Answer Session</td>
</tr>
<tr>
<td>10:00 am</td>
<td>Trauma Scenarios II and III</td>
</tr>
<tr>
<td>10:25 am</td>
<td>Question and Answer Session</td>
</tr>
<tr>
<td>10:35 am</td>
<td>Break</td>
</tr>
<tr>
<td>10:50 am</td>
<td>Founder’s Lecture Moderator, Anthony J. Wilson, MB ChB</td>
</tr>
<tr>
<td>10:50 am</td>
<td>Introduction</td>
</tr>
<tr>
<td>11:00 am</td>
<td>Trauma of Time: The Gray Hairs of the Musculoskeletal System</td>
</tr>
<tr>
<td>11:50 am</td>
<td>Question and Answer Session</td>
</tr>
<tr>
<td>12:00 pm</td>
<td>Lunch Break</td>
</tr>
<tr>
<td>12:15 pm</td>
<td>ASER Lunch with Scientific Session I (Closed Session - Members Only) Moderator, Ronald J. Zagoria, MD, FACR</td>
</tr>
<tr>
<td>1:20 pm</td>
<td>C-Spine Trauma: Skull Base to C2</td>
</tr>
<tr>
<td>1:50 pm</td>
<td>C-Spine Trauma: C3 - C7</td>
</tr>
<tr>
<td>2:20 pm</td>
<td>Thoracolumbar Spine Trauma</td>
</tr>
<tr>
<td>2:50 pm</td>
<td>Question and Answer Session</td>
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<tr>
<td>3:05 pm</td>
<td>Break</td>
</tr>
<tr>
<td>3:20 pm</td>
<td>Imaging Blunt Chest Trauma - Case Based</td>
</tr>
<tr>
<td>3:50 pm</td>
<td>MDCT of Penetrating Chest Trauma</td>
</tr>
<tr>
<td>4:20 pm</td>
<td>Aortic Trauma</td>
</tr>
<tr>
<td>4:50 pm</td>
<td>CTA of Extremity Trauma</td>
</tr>
<tr>
<td>5:20 pm</td>
<td>Question and Answer Session</td>
</tr>
<tr>
<td>5:35 pm</td>
<td>Adjourn</td>
</tr>
<tr>
<td>6:30 pm</td>
<td>Welcome Reception</td>
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</tbody>
</table>

**THURSDAY 8/12/10**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 am</td>
<td>Trauma Head to Toe: Neuro Trauma Moderator, Ken F. Linnau, MD, MS</td>
</tr>
<tr>
<td>8:00 am</td>
<td>MDCT of Facial Trauma</td>
</tr>
<tr>
<td>8:30 am</td>
<td>Multi-modality Imaging of Head Trauma</td>
</tr>
<tr>
<td>9:00 am</td>
<td>CTA of Neck Trauma</td>
</tr>
<tr>
<td>9:30 am</td>
<td>Question and Answer Session</td>
</tr>
<tr>
<td>9:45 am</td>
<td>Break</td>
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</tbody>
</table>
**THURSDAY (continued) 8/12/10**

**Trauma Head to Toe: Trauma Potpourri**  
Moderator, Digna R. Kool, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00 am – 10:30 am</td>
<td>Evidence Based Imaging of the C-Spine</td>
<td>C. Craig Blackmore, MD, MPH</td>
</tr>
<tr>
<td>10:30 am – 11:00 am</td>
<td>Pediatric Spine Trauma</td>
<td>Susan D. John, MD, FACR</td>
</tr>
<tr>
<td>11:00 am – 11:30 am</td>
<td>Radiology Assisted Autopsy (RAA)</td>
<td>Col. Les R. Folio, DO, MPH, FAOCR</td>
</tr>
<tr>
<td>11:30 am – 12:00 pm</td>
<td>Imaging the Pregnant Trauma Patient</td>
<td>Claudia Sadro, MD, FRCPC, FABR</td>
</tr>
<tr>
<td>12:00 pm – 12:15 pm</td>
<td>Question and Answer Session</td>
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<tr>
<td>12:15 pm – 1:30 pm</td>
<td>Lunch Break</td>
<td></td>
</tr>
<tr>
<td>12:30 pm – 1:30 pm</td>
<td>ASER Lunch with Scientific Session II (Closed Session for Members Only)</td>
<td>Moderator, Martin Gunn, MB ChB, FRNZCR</td>
</tr>
<tr>
<td>1:30 pm – 1:45 pm</td>
<td>Wednesday Cases of the Day Review</td>
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</table>

**Trauma Head to Toe: Self Assessment Module - Abdominal Trauma**  
Moderator, Mariano Scaglione, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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</thead>
<tbody>
<tr>
<td>1:50 pm – 2:15 pm</td>
<td>Spleenic Trauma: What's New?</td>
<td>K. Shanmuganathan, MD</td>
</tr>
<tr>
<td>2:15 pm – 2:40 pm</td>
<td>MDCT of Bowel and Mesenteric Trauma</td>
<td>Marc A. Camacho, MD, MS</td>
</tr>
<tr>
<td>2:40 pm – 3:05 pm</td>
<td>Imaging of Pancreatic and Duedenal Trauma</td>
<td>Jorge A. Soto, MD</td>
</tr>
<tr>
<td>3:05 pm – 3:30 pm</td>
<td>Essentials of Renal and Bladder Trauma</td>
<td>Joel A. Gross, MD</td>
</tr>
<tr>
<td>3:30 pm – 3:45 pm</td>
<td>Question and Answer Session</td>
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<tr>
<td>3:45 pm – 4:00 pm</td>
<td>Break</td>
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</tbody>
</table>

**Trauma Head to Toe: Musculoskeletal Trauma**  
Moderator, Robert L. Bree, MD, MHSA, FACR

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>4:00 pm – 4:30 pm</td>
<td>Shoulder Trauma</td>
<td>Lee F. Rogers, MD</td>
</tr>
<tr>
<td>4:30 pm – 5:00 pm</td>
<td>Foot Trauma</td>
<td>Robert O. Nathan, MD, MPH</td>
</tr>
<tr>
<td>5:00 pm – 5:30 pm</td>
<td>Epiphyseal and Apophyseal Trauma</td>
<td>Lee F. Rogers, MD</td>
</tr>
<tr>
<td>5:30 pm – 5:45 pm</td>
<td>Question and Answer Session</td>
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<tr>
<td>5:45 pm</td>
<td>Break</td>
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</table>

**Friday 8/13/10**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Panelists:</th>
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<tbody>
<tr>
<td>7:15 am – 7:45 am</td>
<td>ASER Business Meeting</td>
<td></td>
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</tbody>
</table>

**Imaging of Chest Pain**  
Moderator, Aaron Sodickson, MD, PhD

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Panelists:</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 am – 8:45 am</td>
<td>Update Your Protocols - PE and Dissection</td>
<td>Aaron Sodickson, MD, PhD</td>
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<td></td>
<td></td>
<td>Johnny Vlahos, FRCR</td>
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<td></td>
<td></td>
<td>Sanjeev Bhalia, MD</td>
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<tr>
<td>8:45 am – 8:55 am</td>
<td>Question and Answer Session</td>
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</tr>
<tr>
<td>8:55 am – 9:25 am</td>
<td>Effective Interpretation of Pulmonary Embolism CTA</td>
<td>Sanjeev Bhalia, MD</td>
</tr>
<tr>
<td>9:25 am – 9:55 am</td>
<td>Acute Aortic Conditions</td>
<td>Stephen Ledbetter, MD, MPH</td>
</tr>
<tr>
<td>10:25 am – 10:35 am</td>
<td>Question and Answer Session</td>
<td></td>
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<tr>
<td>10:35 am – 10:50 am</td>
<td>Break</td>
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</tbody>
</table>

**Emergency Neuroimaging**  
Moderator, Alexander B. Baxter, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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</thead>
<tbody>
<tr>
<td>10:50 am – 11:20 am</td>
<td>Imaging of Acute Stroke</td>
<td>Norman J. Beauchamp, Jr, MD, MHS</td>
</tr>
<tr>
<td>11:20 am – 11:50 am</td>
<td>Endovascular Management of Acute Stroke</td>
<td>Daniel K. Hallam, MD, MSc</td>
</tr>
<tr>
<td>11:50 am – 12:20 pm</td>
<td>Acute Nontraumatic Spinal Lesions</td>
<td>Diego B. Nuñez, MD, MPH</td>
</tr>
<tr>
<td>12:20 pm – 12:35 pm</td>
<td>Question and Answer Session</td>
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</table>
## FRIDAY (continued) 8/13/10

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>12:35 pm</td>
<td>Thursday Cases of the Day Review</td>
</tr>
<tr>
<td>12:50 pm</td>
<td>Adjourn</td>
</tr>
<tr>
<td>2:00 pm</td>
<td>Tour of Harborview Emergency and Trauma Center (Additional Fee Required)</td>
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</tbody>
</table>

## SATURDAY 8/14/10

### Emergency Neuroimaging II  
**Moderator, Jamal Bokhari, MD**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:00 am</td>
<td>Nontraumatic Intracranial Hemorrhage</td>
</tr>
<tr>
<td>8:30 am</td>
<td>Face and Neck Infections: What You Really Need to Know</td>
</tr>
<tr>
<td>9:00 am</td>
<td>Acute Presentations of Brain Infection and Inflammation</td>
</tr>
<tr>
<td>9:30 am</td>
<td>Question and Answer Session</td>
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<tr>
<td>9:40 am</td>
<td>Break</td>
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</tbody>
</table>

### Pediatric Emergencies  
**Moderator, Ed Weinberger, MD**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>9:55 am</td>
<td>Pediatric GI Emergencies</td>
</tr>
<tr>
<td>10:25 am</td>
<td>Pediatric Lung &amp; Airway Emergencies</td>
</tr>
<tr>
<td>10:55 am</td>
<td>Child Abuse</td>
</tr>
<tr>
<td>11:25 am</td>
<td>Question and Answer Session</td>
</tr>
<tr>
<td>11:35 am</td>
<td>Lunch Break</td>
</tr>
<tr>
<td>11:50 am</td>
<td>ASER Lunch with Scientific Session III (Closed Session - Members Only)</td>
</tr>
<tr>
<td>12:50 pm</td>
<td>Friday and Saturday Cases of the Day Review</td>
</tr>
</tbody>
</table>

### Acute Abdomen & Pelvis  
**Moderator, Bertil Leidner, MD**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>1:25 pm</td>
<td>Acute Gynecologic Emergencies</td>
</tr>
<tr>
<td>1:55 pm</td>
<td>Nontraumatic Obstetric Emergencies</td>
</tr>
<tr>
<td>2:25 pm</td>
<td>MRI of Acute Conditions of the GI Tract</td>
</tr>
<tr>
<td>2:55 pm</td>
<td>Question and Answer Session</td>
</tr>
<tr>
<td>3:05 pm</td>
<td>Break</td>
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</tbody>
</table>

### Emergency Imaging Potpourri  
**Moderator, Joel A. Gross, MD**

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>3:20 pm</td>
<td>Imaging and Identification of Foreign Bodies</td>
</tr>
<tr>
<td>3:50 pm</td>
<td>CT of Uncommon or Unusual Causes of the Acute Abdomen</td>
</tr>
<tr>
<td>4:20 pm</td>
<td>Dual Energy CT Imaging in the ED</td>
</tr>
<tr>
<td>4:50 pm</td>
<td>Question and Answer Session</td>
</tr>
<tr>
<td>5:00 pm</td>
<td>Adjourn</td>
</tr>
<tr>
<td>6:30 pm</td>
<td>Annual Awards Reception and Banquet</td>
</tr>
</tbody>
</table>
SPECIAL EVENTS

Guest Daily Continental Breakfasts
Wednesday, August 11 – Saturday, August 14
7:00 – 8:00 AM
Leonesa Ballroom Foyer
Additional fee required

Welcome Reception
Wednesday, August 11
6:30 – 8:00 PM
Leonesa Ballroom Foyer
Light hors d’oeuvres and hosted bar

ASER Social Event*
Thursday, August 12
7:00 – 10:00 PM
Dahlia Lounge Restaurant
Additional fee required

ASER Annual Business Meeting
Friday, August 13
7:15 – 7:45 AM
Leonesa Ballroom

Harborview Emergency and Trauma Center Tour*
Friday, August 13
2:00 – 5:30 PM
Harborview Medical Center
Additional fee required

Annual Awards Reception and Banquet
Saturday, August 14
6:30 – 9:30 PM
Leonesa Ballroom
*For more information regarding the ASER Social Event and Tour, please refer to page 7 of this brochure.

REGISTRATION INFORMATION

Register now at www.erad.org!

There are three easy ways to register:
• By internet at 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>
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<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>
<td>$250.00</td>
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<td>Non-Member (Physician)</td>
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<td>$370.00</td>
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<tr>
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<td>$570.00</td>
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<tr>
<td>Allied Health Professional**</td>
<td>$470.00</td>
<td>$570.00</td>
<td>$150.00</td>
<td>$595.00</td>
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<tr>
<td>Two-Day Trauma Head To Toe Course***</td>
<td>Complimentary</td>
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</table>

*Proof of resident and fellow status must be faxed to 713-960-0488.
**Certificates of attendance will be available.
***Offer for radiology residents and fellows interested 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

Guest Daily Continental Breakfast $120.00
Self Assessment Module – MOC Credit $35.00
ASER Social Event $110.00
Harborview Emergency and Trauma Center Tour $25.00

Registration Dates
The early bird advanced registration deadline is Tuesday, July 6. Registrations received after this date will be charged an additional $100, as noted in the registration fees.

Online registration will close Sunday, August 1. 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, July 28. No refunds will be made after this date.

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

Wednesday, August 11 7:00 AM – 5:30 PM
Thursday, August 12 7:00 AM – 5:30 PM
Friday, August 13 7:00 AM – 1:00 PM
Saturday, August 14 7:00 AM – 5:30 PM

Registration materials may be picked up on-site at the registration desk in the Leonesa Ballroom Foyer. 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

MEETING MANAGEMENT

Jessica Whalen, CMP
Meeting Manager
International Meeting Managers, Inc.
4550 Post Oak Place, Suite 342
Houston, TX 77027
713-965-0566 Phone or 713-960-0488 Fax
asermmeetingsdept@meetingmanagers.com

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 INFORMATION

Grand Hyatt Seattle
721 Pine Street
Seattle, WA 98101
402-592-6464 Reservations
206-774-1234 Phone
206-774-6120 Fax

For classic luxury, attentive service and modern amenities, the Grand Hyatt Seattle is first-rate. This luxurious Four-Diamond hotel is located in the heart of the city’s thriving retail and theater district. Its inspiring views of the Puget Sound, Lake Union and surrounding mountains will make your Seattle visit even more enjoyable! The hotel concierge, located in the lobby of the hotel, can assist attendees with dinner reservations and local area attractions. Please contact them at 206-774-6370, if you need assistance.

Special room rates have been negotiated for participants in the ASER Annual Meeting as indicated below:
$205.00 Single/Double Standard Room
$255.00 Single/Double Regency Floor
(Applicable taxes, currently 15.6%)

TRAVEL INFORMATION

Airline Transportation
Continental Airlines is an official carrier for the conference. Continental offers discounts off published fares of 2% to 15% or zone fares. For fare and schedule information and to make your reservations, please visit www.continental.com or call Continental Airlines MeetingWorks at 1-800-468-7022. Refer to Z Code: ZFET and Agreement Code: DLGFJX. There will be a $15 service fee collected, per ticket, for all tickets issued through MeetingWorks Reservations phone line, or any Continental Airlines ticketing facility. The service fee is non-refundable and applies to all itineraries, one-way or roundtrip. To avoid a service fee and receive an additional 3% discount on published fares, book your reservations online at www.continental.com. Enter both your Z Code and Agreement Code (without a space) in the offer code box: ZFETDLGFJX.

American Airlines is also an official carrier for the conference and they have arranged for attendees to receive a 5% discount off Coach and First Class fares. For fare and schedule information and to make your reservations, please visit the American Airlines website or call the American Airlines Meeting Services at 1-800-433-1790 and provide the discount code 6380AB. There will be a $20 service fee collected, per ticket, for all reservations made over the phone. To book a reservation online go to www.AA.com for AA/AE flights only. Enter the discount code 6380AB in the promotion code box.

Ground Transportation
Taxi, shuttle, and limousine services are available from Seattle-Tacoma International Airport. The current taxicab rate from Seattle-Tacoma International Airport to the hotel is $30 - $35. The Shuttle Express service runs from the airport to the Grand Hyatt Seattle. A one-way shuttle fare from Seattle-Tacoma International Airport to the hotel is $21. For shuttle reservations call 1-425-981-7000.

Special rates have been negotiated with Hertz for meeting participants. To request a rate or make a reservation with Hertz, please call 1-800-654-2240 or visit www.hertz.com. Please refer to the Hertz CV# 04D40002 to take advantage of the special rates.

All ground transportation prices are subject to change without notice.

Housing Deadline
The deadline for the ASER group hotel block is Tuesday, July 20. Reservations made after the deadline date will be taken on a space available basis. It is possible that hotel rooms and/or specific room categories may sell out prior to July 20; therefore it is strongly recommended that you make your reservation as early as possible. Room rates are available three days prior and following actual meeting dates, subject to availability.

The American Society of Emergency Radiology strongly encourages you to book your overnight accommodations at the Grand Hyatt Seattle. By staying at the conference headquarters hotel, you help the society meet its contractual obligations with the hotel and maintain your current conference benefits, as well as keep future hotel guest room rates and registration fees reasonable.

Hotel Reservation and Cancellation Policy
Reservations can be made conveniently online by following the link provided on the Society’s website at www.erad.org. You may also make your reservation by phone at 1-402-592-6464. If calling, please mention that you are attending the ASER Annual Meeting at the Grand Hyatt Seattle in Seattle, Washington.

Deposit Information
The hotel will require a first night’s deposit to confirm a guestroom reservation. Personal check, money order or any major credit card are acceptable. 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 24 hours in advance of 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.
ASER ORGANIZED EVENTS

A Night on the Town ~ Wine and Dine at Seattle's Dahlia Lounge
Thursday, August 12
7:00 – 10:00 PM

Enjoy the quintessential Seattle restaurant experience with fellow ASER members and meeting attendees in the private dining room at Dahlia Lounge. The room offers a warm and elegant setting and the Northwestern cuisine has made Dahlia Lounge the epicenter of Seattle’s local, sustainable and organic food movement. With its award winning cuisine, extensive wine list and outstanding service, this is sure to be an unparalleled event!

Cost per person: $110 (including four course meal, beer, wine and non-alcoholic beverages). As the restaurant is only a short 5 to 10 minute walk from the hotel, transportation will not be organized by the ASER.

Space is limited so register today!

Harborview Emergency and Trauma Center Tour
Friday, August 13
2:00 – 5:30 PM

Harborview Medical Center (HMC) is one of the nation’s leading academic medical centers and the only Level 1 adult and pediatric trauma and burn center serving Washington, Alaska, Montana and Idaho. It is one of the primary providers of charity care for the state of Washington, and cares for the medically indigent.

You are invited to join us for a tour of the Emergency Radiology section, located within the Emergency and Trauma Center at HMC, where our faculty will show you our physical layout and demonstrate the workflow within our department.

We also plan to have faculty from the departments of surgery and emergency medicine speak briefly about the development and current operation of our emergency and trauma system, and hope to provide you with opportunities to meet with, and ask questions of our speakers. Please check the ASER website for further details.

Cost per person: $25 (including tour, transportation and light refreshments)

For additional information on Seattle, Washington, please visit www.visitseattle.org

Please note that all highlights listed above are not organized by ASER. This information is simply for your reference in planning your trip to Seattle. 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 diplomate of the ABR, AOBFR, 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, AOBFR, 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.
**APPLY FOR ASER MEMBERSHIP NOW AND SAVE ON REGISTRATION FEES!**

If you apply for Active or Associate membership when you register for the 2010 ASER Annual Meeting, you will be eligible to register at the member price. Complete the membership application below and mail this along with your meeting registration prior to July 6.

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**THE AMERICAN SOCIETY OF EMERGENCY RADIOLOGY**

4550 Post Oak Place, Suite 342, Houston, TX 77027 / Phone 713-965-0566 / Fax 713-960-0488 / Email aser@meetingmanagers.com

**Dues Year:** January 1 – December 31

**MEMBERSHIP APPLICATION**

*Please print or type*

**Please circle: Mr. Mrs. Ms.**

**Please circle: Male Female**

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**Degree**

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

**Home**

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**Medical School(s) Attended:**

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**Radiology Residency:**

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**Radiology Fellowship (if applicable):**

**Type of Fellowship:**

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**Board Certified by:**

(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: ___  Other (Please Specify): ___

**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:**

Expiration: ________________________

Name on Card: ________________________

Security Code (3-4 Digits) __________

Signature: ________________________

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**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.
2010 Postgraduate Course in Emergency and Trauma Radiology