About This CME Teaching Activity

This CME activity is a comprehensive practical review of gastrointestinal imaging including CT, MRI, Ultrasound Nuclear Medicine and PET. Basic applications, advanced protocols, emerging imaging technologies, pearls and pitfalls to diagnosis are included. In addition to imaging procedures a review of basic pathology of the gastrointestinal system provides a correlation to characteristics of disease and image findings.

Target Audience
The CME activity is primarily intended and designed to educate diagnostic imaging physicians and pathologists who wish to gain knowledge into imaging correlation of gastrointestinal diseases. It should also be useful for referring physicians who order these studies so that they might gain a greater appreciation of the strengths and limitations of imaging and pathology studies.

Scientific Sponsor
Educational Symposia

Accreditation
Physicians: Educational Symposia is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Educational Symposia designates this enduring material for a maximum of 41.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

SA-CME: Credits awarded for this enduring activity (Sessions 1-14) are designated “SA-CME” by the American Board of Radiology (ABR) and qualify toward fulfilling requirements for Maintenance of Certification (MOC) Part II: Lifelong Learning and Self-assessment.

All activity participants are required to take a written or online test in order to be awarded credit. (Exam materials, if ordered, will be sent with your order.) All course participants will also have the opportunity to critically evaluate the program as it relates to practice relevance and educational objectives.

AMA PRA Category 1 Credit(s)™ for this activity may be claimed until July 31, 2023.

This CME activity was planned and produced by Educational Symposia, a leader in continuing medical education since 1975.

This activity was planned and produced in accordance with the ACCME Essential Areas and Elements.
**Faculty**

**RADIOLOGY FACULTY**

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Director, Immunohistochemistry Laboratory
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Rochester, NY
## Program

**CT**: 16.75 Hours  **MRI**: 5.25 Hours  **Nuclear Medicine**: 2.5 Hours  **PET**: 0.5 Hours  **Ultrasound**: 6.25 Hours

### Session 1

| CT | MDCT Evaluation of the Stomach  
Elliot K. Fishman, M.D., FACR |
|----|---------------------------------|
| CT | MDCT of the Small Bowel: IBD and Beyond  
Joel F. Platt, M.D. |
| CT | MDCT/CTA of the Small Bowel and Mesentery: Tumors  
Elliot K. Fishman, M.D., FACR |
| CT | Small Bowel Obstruction: When Do I Worry?  
Erik K. Paulson, M.D. |

### Session 2

| CT/MR | CT and MR Enterography  
Stefanie Weinstein, M.D. |
|------|-------------------------|
| CT | Crohn’s Disease: Evaluation with CT Enterography  
Jorge A. Soto, M.D. |
| CT | MDCT of Peptic Ulcer Disease  
Perry Pickhardt, M.D. |
| NM | Standardized Solid Meal Gastric Emptying Study and Alternatives  
Pradeep G. Bhambhvani, M.D. |

### Session 3

| CT | Avoiding Misdiagnosis of Acute GI Tract Pathology at CT  
Perry Pickhardt, M.D. |
|----|---------------------------------------------------------|
| CT | The Acute Abdomen: Optimizing Protocols  
Stefanie Weinstein, M.D. |
| CT | Imaging the Patient with Acute Bowel Obstruction  
Jorge A. Soto, M.D. |

### Session 4

| CT | MDCT of Bowel and Mesenteric Injury  
Kathirkamanathan Shanmugasathan, M.D., M.B.B.S, M.R.C.P, F.R.C.R |
|----|-------------------------------------|
| US | Bowel Ultrasound  
Richard G. Barr, M.D., Ph.D. |
| CT | Imaging of Acute Gastrointestinal Bleeding: Current Concepts  
Jorge A. Soto, M.D. |
| CT | Acute Pediatric Abdomen: CT  
Marilyn J. Siegel, M.D., FACR |
| CT/MR | Imaging of Acute Pancreatitis  
Jorge A. Soto, M.D. |

### Session 5

| CT/US | Abdominal Pain in the ER: Multimodality Evaluation  
Sherelle L. Laifer-Narin, M.D. |
|-------|-----------------------------------------------------|
| CT | Pitfalls in Imaging of Abdominal Trauma  
Jorge A. Soto, M.D. |
| CT | MDCT Imaging of Acute Abdominal Pain: Which Technique is Optimal  
Jorge A. Soto, M.D. |

### Session 6

| MR | MRI of the Acute Abdomen  
Russell N. Low, M.D. |
|----|-------------------------|
| US | Ultrasound Evaluation of Acute Abdominal Pain  
Ulrike M. Hamper, M.D., MBA, FACR |
| CT/MR/US | A Practical Approach to the Acute Abdomen in Infants and Children  
Abbey J. Winant, M.D., M.F.A. |

### Session 7

| US | Doppler Ultrasound Evaluation of the Liver  
William D. Middleton, M.D., FACR |
|----|-----------------------------------------|
| CT | MDCT of the Liver: How to Evaluate a Liver Mass  
Elliott K. Fishman, M.D., FACR |
| MR | MR of the Liver: Vascular Abnormalities  
Cynthia S. Santillan, M.D. |

### Session 8

| MR | Benign and Malignant Liver Lesions  
Bachir Taouli, M.D. |
|----|-------------------------|
| CT | Classification of Focal Liver Lesions  
Rendon C. Nelson, M.D., FACR |
| US | Liver Elastography  
Richard G. Barr, M.D., Ph.D., FACR, FSRU |
| US | Contrast Enhanced Ultrasound of the Liver  
Richard G. Barr, M.D., Ph.D., FACR, FSRU |
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<td>PET and PET/CT in Colorectal Cancer</td>
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<td>Incidental Pancreatic Cystic Lesions:</td>
<td>Todd M. Blodgett, M.D.</td>
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<td>When Do I Worry?</td>
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<td>Erik K. Paulson,</td>
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<td><strong>US</strong></td>
<td>Perianal MRI</td>
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<td>Diffuse Liver Disease</td>
<td>Cynthia S. Santillan, M.D., FSAR</td>
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<td>Laurence Needleman, M.D.</td>
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<td><strong>US</strong></td>
<td>CT Evaluation of Appendicitis and Diverticulitis and Their Mimics</td>
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<td>Ultrasound Evaluation of Liver Transplants</td>
<td>Richard M. Gore, M.D., FACR</td>
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<td>Leslie M. Scout,</td>
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<td><strong>NM</strong></td>
<td>Pearls &amp; Pitfalls in Imaging the Postoperative Abdomen</td>
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<td>Hepatobiliary Scintigraphy in Acute Conditions</td>
<td>Stefanie Weinstein, M.D.</td>
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<tr>
<td><strong>MR</strong></td>
<td>Incidental Findings on Abdominal CT</td>
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<tr>
<td>LI-RADS Fundamentals, Application and Updates</td>
<td>Perry Pickhardt, M.D.</td>
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<td>Cynthia S. Santillan, M.D.</td>
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<td>State of the Art Hepatobiliary Nuclear Imaging</td>
<td>How to Manage Incidental Lesions in the Abdomen</td>
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<td>Pradeep G. Bhambhani, M.D.</td>
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<td><strong>NM</strong></td>
<td>Imaging of Solid Organ Injuries: What’s New?</td>
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<td>Mark Tulchinsky, M.D., FACNM</td>
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<td><strong>CT</strong></td>
<td>MDCT of Blunt Abdominal Trauma</td>
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<td>Thomas C. Winter, III, M.D.</td>
<td>John R. Goldblum, M.D.</td>
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<td><strong>US</strong></td>
<td>Barrett’s Esophagus: Controversial Diagnostic Issues Relevant to Pathologists</td>
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<td>Complicated Cholecystitis</td>
<td>Robert D. Odze, M.D., FRCPc</td>
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<td>Sharlene A. Teefy, M.D.</td>
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<td>Esophageal Pathology - Focus on Barrett Esophagus and Early Squamous Neoplasia</td>
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<td><strong>CT</strong></td>
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<td>MDCT of Pancreatic Cancer: State-of-the-Art</td>
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<td><strong>CT</strong></td>
<td>Iatrogenic Gastrointestinal Tract Injury</td>
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<td>CT Colonography</td>
<td>Elizabeth Montgomery, M.D.</td>
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<td>Emerging Tools for Colorectal Cancer Screening</td>
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<td>CT of Colitis</td>
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Session 17

Mesenchymal Tumors of the Gastrointestinal Tract: An Update on GIST and Differential Diagnosis Using Immunohistochemistry
Jason L. Hornick, M.D., Ph.D.

A Potpourri of Gastric Lesions and the Company They Keep (Gastritis)
Elizabeth Montgomery, M.D.

Session 18

Role of the Pathologist in Diagnosing and Managing Patients with IBD
Robert D. Odze, M.D., FRCPc

A Contemporary Update of Colitis-associated Dysplasia
Robert D. Odze, M.D., FRCPc

IBD and IBD-Related Dysplasia
John R. Goldblum, M.D.

Session 19

Nomenclature of Colorectal Polyps: Controversies and Confusion
John R. Goldblum, M.D.

Colon Cancer and Universal Screening for Lynch Syndrome: Are you Ready?
Christa L. Whitney-Miller, M.D.

Session 20

Biopsy Interpretation of Liver Tumors
Rish K. Pai, M.D., Ph.D.

Liver Biopsies in the Post-HCV Era
Christa L. Whitney-Miller, M.D.

Session 21

Cholestatic Liver Disease
Rish K. Pai, M.D., Ph.D.

The Steatotic Liver Biopsy
Rish K. Pai, M.D., Ph.D.
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