

2020 Classic Lectures in Gastrointestinal Imaging with Pathology Correlation

Release Date: August 1, 2020 | 41.25 AMA PRA Category 1 Credit(s)TM

Radiology Only | 28.25 Hours | Sessions 1 - 14 • **Pathology Only** | 13.0 Hours | Sessions 15 - 21

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)TM. 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)TM
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.

Educational Objectives

At the completion of this CME teaching activity, you should be able to:

- Recognize the imaging appearance of normal anatomy and common pathology of the gastrointestinal system.
- Differentiate benign and malignant nodules in the gastrointestinal system using imaging characteristics and pathology results.
- Optimize imaging protocols to evaluate the gastrointestinal system.
- Correlate image and pathologic findings of gastrointestinal disorders.

No special educational preparation is required for this CME activity.

Faculty

RADIOLOGY FACULTY

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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. Bhambhani, 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 Shanmuganathan, 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

Program

CT: 16.75 Hours

MRI: 5.25 Hours

Nuclear Medicine: 2.5 Hours

PET: 0.5 Hours

Ultrasound: 6.25 Hours

Session 9

- CT Incidental Pancreatic Cystic Lesions:
When Do I Worry?
Erik K. Paulson, M.D.
- US Diffuse Liver Disease
Laurence Needleman, M.D.
- US Ultrasound Evaluation of Liver Transplants
Leslie M. Scoutt, M.D.
- NM Hepatobiliary Scintigraphy in
Acute Conditions
Joseph S. Fotos, M.D.

Session 10

- MR LI-RADS Fundamentals, Application
and Updates
Cynthia S. Santillan, M.D.
- NM State of the Art Hepatobiliary
Nuclear Imaging
Pradeep G. Bhambhani, M.D.
- NM Challenging Cases in Acute Hepatobiliary
Imaging
Mark Tulchinsky, M.D., FACNM

Session 11

- US Complicated Cholecystitis
Sharlene A. Teefey, M.D.
- MR MRI of the Pancreas
Russel N. Low, M.D.
- US Ultrasound of the Pancreas
Thomas C. Winter, III, M.D.

Session 12

- CT MDCT of Pancreatic Cancer:
State-of-the-Art
Elliot K. Fishman, M.D., FACR
- CT CT Colonography
Stefanie Weinstein, M.D., FSAR, FSRU
- CT Emerging Tools for Colorectal
Cancer Screening
Perry Pickhardt, M.D.
- CT CT of Colitis
Stefanie Weinstein, M.D., FSAR, FSRU

Session 13

- PET PET and PET/CT in Colorectal Cancer
Todd M. Blodgett, M.D.
- MR Perianal MRI
Cynthia S. Santillan, M.D., FSAR
- CT CT Evaluation of Appendicitis and
Diverticulitis and Their Mimics
Richard M. Gore, M.D., FACR
- CT Pearls & Pitfalls in Imaging the
Postoperative Abdomen
Stefanie Weinstein, M.D.

Session 14

- CT Incidental Findings on Abdominal CT
Perry Pickhardt, M.D.
- CT How to Manage Incidental Lesions
in the Abdomen
Richard M. Gore, M.D., FACR
- CT Imaging of Solid Organ Injuries:
What's New?
*Kathirkamanathan Shanmuganathan, M.D., M.B.B.S,
M.R.C.P, F.R.C.R*
- CT MDCT of Blunt Abdominal Trauma
Joel F. Platt, M.D.

Session 15

- Barrett's Esophagus:
Controversial Diagnostic Issues Relevant
to Pathologists
Robert D. Odze, M.D., FRCPC
- Controversies in the Diagnosis of
Barrett's Esophagus
John R. Goldblum, M.D.

Session 16

- Esophageal Pathology - Focus on
Barrett Esophagus and
Early Squamous Neoplasia
Elizabeth Montgomery, M.D.
- Iatrogenic Gastrointestinal Tract Injury
Elizabeth Montgomery, M.D.

Program

CT: 16.75 Hours

MRI: 5.25 Hours

Nuclear Medicine: 2.5 Hours

PET: 0.5 Hours

Ultrasound: 6.25 Hours

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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