

A CME Teaching Activity

2017 Classic Lectures in Body Imaging with MR & CT

TWO GREAT COURSES

BUY BOTH SETS & SAVE

Designated for SA-CME

This enduring material activity counts towards the SA-CME requirement for the ABR, similar to a SAM activity

Release Date: August 15, 2017

CT: 25.0 AMA PRA Category 1 Credit(s)TM

About This CME Teaching Activity

This CME activity is a comprehensive practical review of body CT imaging. The program is a detailed analysis from basic applications to more advanced protocols and new imaging techniques. Emerging technologies, pitfalls and recent technical enhancements designed to reduce radiation dose are discussed.

Target Audience

The CME activity is primarily intended and designed to educate diagnostic imaging physicians. 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 clinically relevant CT 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.

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Educational Objectives

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

- Recognize the CT appearance of normal anatomy and common pathology of the abdomen and chest.
- Discuss the utility of CT and CTA in the diagnosis and evaluation of abdominal trauma.
- Differentiate benign and malignant nodules in the chest, liver, pancreas and kidneys.
- Optimize body CT protocols to minimize radiation dose.

No special educational preparation is required for this CME activity.

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Faculty

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Program

Session 1

MDCT of Peptic Ulcer Disease

Perry Pickhardt, M.D.

Diagnosis and Staging of Gallbladder and Biliary Neoplasms

Richard M. Gore, M.D., FACR

MDCT/CTA of the Small Bowel and Mesentery: Tumors

Elliot K. Fishman, M.D., FACR

Avoiding Misdiagnosis of Acute GI Tract Pathology at CT

Perry Pickhardt, M.D.

Session 2

CT Colonography Update

Perry Pickhardt, M.D.

CT and MR Enterography

Stefanie Weinstein, M.D.

Crohn's Disease: Evaluation with CT Enterography

Jorge A. Soto, M.D.

How to Manage Incidental Lesions in the Abdomen

Richard M. Gore, M.D., FACR

Session 3

CT Evaluation of Appendicitis and Diverticulitis and Their Mimics

Richard M. Gore, M.D., FACR

Pearls & Pitfalls in Imaging the Postoperative Abdomen

Stefanie Weinstein, M.D.

MDCT of Pancreatic Tumors

Elliot K. Fishman, M.D., FACR

Classification of Focal Liver Lesions

Rendon C. Nelson, M.D., FACR

Session 4

CT Colonography

Stefanie Weinstein, M.D.

Detection and Staging of Pancreatic Adenocarcinoma

Rendon C. Nelson, M.D., FACR

MDCT of the Liver: How to Evaluate a Liver Mass

Elliot K. Fishman, M.D., FACR

Session 5

Variceal Pathways - Portal Hypertension and Beyond

Myron A. Pozniak, M.D., FACR

Evaluation of Hematuria

Elliot K. Fishman, M.D., FACR

Acute Pediatric Abdomen: CT

Marilyn J. Siegel, M.D., FACR

How to Handle Incidental Lesions in the Pelvis

Richard M. Gore, M.D., FACR

Session 6

Dual Energy MDCT of the Abdomen and Pelvis

Rendon C. Nelson, M.D., FACR

CT Protocol Management

Myron A. Pozniak, M.D., FACR

Techniques for Radiation Dose Reduction in the Abdomen and Pelvis

Rendon C. Nelson, M.D., FACR

Session 7

Aortic Endostent Follow-up - You Can Stop Using IV Contrast

Myron A. Pozniak, M.D., FACR

Imaging Polytrauma

Martin Gunn, MBChB, FRANZCR

Body Trauma Update

Myron A. Pozniak, M.D., FACR

Pearls and Pitfalls in Thoracoabdominal Trauma - Case Based

Martin Gunn, MBChB, FRANZCR

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Program

Session 8

Imaging of Solid Organ Injuries: What's New?

Kathirkamanathan Shanmuganathan, M.D., MBBS, MRCP, FRCR

Use of CT Angiography in Acute Intestinal Bleeding

Jorge A. Soto, M.D.

The Acute Abdomen: Optimizing Protocols

Stefanie Weinstein, M.D.

Session 9

Thoracic Aortic Aneurysm: Diagnosis and Management

Karin E. Dill, M.D.

MDCT of Chest Trauma: Injuries You Cannot Miss

Jorge A. Soto, M.D.

Parenchymal Patterns on Emergent CT

Sanjeev Bhalla, M.D.

Session 10

Imaging of the Solitary Pulmonary Nodule: Current Status

Charles S. White, M.D.

CT of Congenital Lung Anomalies: Infants to Adults

Marilyn J. Siegel, M.D., FACR

Imaging of the Adult Patient with Acute Pneumonia

Robert M. Steiner, M.D., FACR, FACC

Session 11

Pulmonary Embolism Imaging on CT: Old and New Insights

Charles S. White, M.D.

Mediastinal Vascular Variants and Anomalies

Marilyn J. Siegel, M.D., FACR

Interstitial Lung Disease on HRCT

Charles S. White, M.D.

Session 12

Update on CT Screening for Lung Cancer

David F. Yankelevitz, M.D.

Diffuse Lung Disease: From Pattern to Disease

Karin E. Dill, M.D.

Management of Sub-Solid Lung Nodules

David F. Yankelevitz, M.D.

Session 13

Radiology of Vascular and Cardiothoracic Surgery

Alison G. Wilcox, M.D., FSCCT

CTA of the Coronary Arteries - Optimizing Assessment

Charles S. White, M.D.

Assessment of Chest Pain in the ED

Eric E. Williamson, M.D.

CT in Acute Aortic Syndromes

Martin Gunn, MBChB, FRANZCR

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MR: 20.25 AMA PRA Category 1 Credit(s)TM

About This CME Teaching Activity

This activity is designed to provide a practical yet comprehensive review of body MR imaging including the latest protocols and emerging technologies. The faculty explains state-of-the-art clinical information and applications. Pearls and pitfalls on how to best image the body using MR will be presented.

Target Audience

This CME activity is primarily intended and designed to educate diagnostic imaging physicians. 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 clinically relevant MR studies.

Scientific Sponsor

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Educational Objectives

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

- Incorporate state-of-the-art imaging protocols to efficiently evaluate the body using MRI into clinical their practice.
- Describe the expanding role of MRI in assessing abdomen and pelvis.
- Optimize body MR angiography protocols and techniques.
- Differentiate benign and malignant neoplasms of the liver, pancreas, bowel and genitourinary system with MRI.

No special educational preparation is required for this CME activity.

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MR: 20.25 AMA PRA Category 1 Credit(s)TM

Faculty

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Cleveland, OH*

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The University of Texas
M.D. Anderson Cancer Center
Houston, TX*

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*Professor of Radiology and Medicine
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Director of Cancer Imaging
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Eric E. Williamson, M.D.

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Division of Cardiovascular Radiology
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Mayo Clinic
Associate Professor of Radiology
Mayo Clinic College of Medicine
Rochester, MN*

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Program

Session 1

Hepatobiliary MRI

Russell N. Low, M.D.

The Incidental Liver Lesion: Practical Approach and Role of Liver Specific MR Contrast Agents

Erik K. Paulson, M.D.

MRI of Liver Lesions

Janio Szklaruk, M.D., Ph.D.

Session 2

Cirrhosis and Hepatocellular Cancer

Bachir Taouli, M.D.

Fundamentals of Diffusion Imaging in the Body

Jeffrey H. Maki, M.D., Ph.D.

LIRADS Scoring of Liver Lesions: Case Presentation

Janio Szklaruk, M.D., Ph.D.

Session 3

MRI of the Gastrointestinal Tract

Russell N. Low, M.D.

MRI of Appendicitis

Scott Reeder, M.D.

MR Enterography: Current Role and Future Directions

Bachir Taouli, M.D.

MRI of the Pancreas

Russell N. Low, M.D.

Session 4

Cystic Pancreatic Lesions - A Practical Approach

Neil M. Rofsky, M.D., FACR

Nuts and Bolts of Body MRI: Protocols and Techniques

Russell N. Low, M.D.

MRI of Renal Masses - New Insights

Neil M. Rofsky, M.D., FACR

DWI in Abdominal Imaging: Applications in

Oncologic Patients

Janio Szklaruk, M.D., Ph.D.

Session 5

MRI of the Kidneys

Russell N. Low, M.D.

Body MRI Cases

Bachir Taouli, M.D.

Advanced Imaging Techniques for the Body:

Pearls and Pitfalls

Robert R. Edelman, M.D.

MR Guided HiFU

Neil M. Rofsky, M.D., FACR

Session 6

MR of the Adenxa: 5 Imaging Pearls

Susan M. Ascher, M.D.

Multiparametric Prostate MRI

Neil M. Rofsky, M.D., FACR

MRI of Uterine Malignancy: Focus on Revised FIGO

Susan M. Ascher, M.D.

Great Cases in Body MRI

Neil M. Rofsky, M.D., FACR

Session 7

MR Angiography With and Without Contrast Agents

Robert R. Edelman, M.D.

MRI/MRA of Thoracic Aortic Disease

Scott D. Flamm, M.D., MBA

Pulmonary MRA for the Diagnosis of Pulmonary Embolus

Scott B. Reeder, M.D., Ph.D.

Accelerated Imaging in Cardiac MRI: Techniques, Benefits and Tradeoffs

Scott D. Flamm, M.D., MBA

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Program

Session 8

Fundamentals of Cardiac MRI

Jeffrey H. Maki, M.D., Ph.D.

MRI of Myocardial Ischemic Disease

Eric E. Williamson, M.D.

The Role of CMR in Heart Failure

James C. Carr, M.D.

Session 9

Clinical Applications of Cardiovascular MRI

James C. Carr, M.D.

Imaging of Acute Aortic Syndrome

Thomas M. Grist, M.D., FACR

Emerging Applications of 4D Flow MRI in the Body

Scott Reeder, M.D.

Need for Speed in Cardiovascular MRI

James C. Carr, M.D.

Session 10

Positioning in MRI: Basics Make for the Best Outcome Quality

Robyn Birdwell, M.D., FACR

Update on MRI BIRADS®

Stamatia V. Destounis, M.D., FACR

Normal Background Enhancement in Breast MRI

Robyn L. Birdwell, M.D., FACR

Session 11

MRI of the High Risk Patient

Stamatia V. Destounis, M.D., FACR

MRI in the Post Treated Breast: Benign and Malignant Procedures

Robyn L. Birdwell, M.D., FACR

MRI of the Post Treated Breast

Stamatia V. Destounis, M.D., FACR

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