A CME Teaching Activity

2017 Classic Lectures in Body Imaging with MR & CT

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

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

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
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 20.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

All activity participants are required to pass a written or online test with a minimum score of 70% 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.

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)™

Faculty

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

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., FACP
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., FACP
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., FACP

Session 6
MR of the Adrenal: 5 Imaging Pearls
Susan M. Ascher, M.D.
Multiparametric Prostate MRI
Neil M. Rofsky, M.D., FACP
MRI of Uterine Malignancy: Focus on Revised FIGO
Susan M. Ascher, M.D.
Great Cases in Body MRI
Neil M. Rofsky, M.D., FACP

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

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
A CME Teaching Activity

2017 Classic Lectures in Body Imaging with MR & CT

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)™

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.

Educational Symposia designates this enduring material for a maximum of 25.0 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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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.

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A CME Teaching Activity

2017 Classic Lectures in Body Imaging with MR & CT

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

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., FCR

Imaging of the Adult Patient with Acute Pneumonia
Robert M. Steiner, M.D., FCR, 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., FCR

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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