A CME Teaching Activity

2021 Classic Lectures in Body Imaging with MR & CT



Release Date: August 1, 2021

MR | 18.75 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 18.75 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 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, 2024.

This program is planned and organized by Educational Symposia, a leader in accredited continuing 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:

- 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.

Faculty

Melany B. Atkins, M.D.

Director of Cardiac Imaging, Fairfax Radiological Consultants Medical Director Advanced Cardiac Imaging, Inova Health System Medical Director Fairfax MRI Center Fairfax, VA

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Chairman of Radiology
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Chairman, Department of Radiology
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Madison, WI

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Medical Director Sharp and Children's MRI Center San Diego, CA

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Associate Professor of Radiology Emory University School of Medicine Atlanta, GA

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Chief, Breast Imaging Service Larry Norton Endowed Chair, Memorial Sloan Kettering Cancer Center

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Neil M. Rofsky, M.D., FACR

Professor and Chairman
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UT Southwestern Medical Center
Dallas, TX

Bachir Taouli, M.D.

Professor of Radiology
Vice-chair of Translational Research
Director of Body MRI
Director of Cancer Imaging Program
Department of Radiology and Translational and
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Institute Icahn School of Medicine at Mount Sinai,
New York
New York, NY

Eric E. Williamson, M.D.

Consultant & Chair
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Department of Radiology
Mayo Clinic
Associate Professor of Radiology
Mayo Clinic College of Medicine
Rochester, MN

Program

Body (B): 9.75 Hours • MRA: 8.25 Hours • Safety (S): 0.75 Hours • Breast (BR): 4.0 Hours • Cardiac (C): 4.0 Hours

Session 1		Session 6		
В	MR Screening for Hepatocellular Carcinoma Courtney C. Moreno, M.D.	C, MRA	Introduction to Cardiac MRI Eric E. Williamson, M.D.	
В	HCC and Cholangiocarcimoma Bachir Taouli, M.D.	C, MRA	Cardiac MRI Robert R. Edelman, M.D.	
B, MRA	Primary and Metastatic Liver Tumors: Monitoring Treatment with MRI	C, MRA	MRI in Ischemic Heart Disease: Myocardial Viability Scott D. Flamm, M.D., M.B.A.	
Session 2	Russell N. Low, M.D.	C, MRA	Stress MRI Melany Atkins, M.D.	
В	MR Evaluation of Biliary Disease	Session 7		
В	Courtney C. Moreno, M.D. MRI of the Gastrointestinal Tract Russell N. Low, M.D.	C,MRA	Practical Cardiac MRI: Left Ventricular and Valvular Function Scott D. Flamm, M.D., M.B.A.	
В	MR Enterography in IBD Bachir Taouli, M.D.	C, MRA	MRI of Myocardial Ischemic Disease Eric E. Williamson, M.D.	
Session 3		C, MRA	MRI/MRA in Congenital Heart Disease Scott D. Flamm, M.D., M.B.A.	
В	MRI of the Acute Abdomen Russell N. Low, M.D.	Session 8		
B, MRA	Body DWI: Current Status *Bachir Taouli, M.D.*	MRA	MR of Pulmonary Embolic Disease Thomas M. Grist, M.D., FACR	
В	Advanced Imaging Techniques for the Body: Pearls and Pitfalls	MRA	MRA of Thoracic Aortic Disease Scott D. Flamm, M.D., M.B.A.	
0 : 4	Robert R. Edelman, M.D.	Session 9		
Session 4 B, MRA, S	MR Angiography With and Without Contrast Agents	BR	Breast MRI Interpretation Elizabeth A. Morris, M.D., FACR, FSBI, FISMRM	
B, MRA	Robert R. Edelman, M.D. Malignant Uterine and Adnexal Masses: Staging and Management	BR	MRI Evaluation of the Augmented and Postsurgical Breast <i>Colleen H. Neal, M.D.</i>	
В	Russell N. Low, M.D. Unusual Body MRI Cases	BR	High Risk Breast Screening with MRI Elizabeth A. Morris, M.D., FACR, FSBI, FISMRM	
Session 5	Robert R. Edelman, M.D.	BR	Breast MRI BI-RADS Update Elizabeth A. Morris, M.D., FACR, FSBI, FISMRM	
В	MR Staging of Rectal Cancer	Session 10		
	Courtney C. Moreno, M.D.	BR	Auditing Your Breast MRI Practice	
В	Multiparametric MRI of the Prostate: Beyond Prostate Cancer What Else Do We See? John F. Feller, M.D.	BR	Colleen H. Neal, M.D. Breast Cancer Staging in the Dense Breast	
В	Multiparmetric Prostate MRI	55	Elizabeth A. Morris, M.D., FACR, FSBI, FISMRM	
	Neil M. Rofsky, M.D., FACR	BR	Breast MRI Challenging Cases Colleen H. Neal, M.D.	
В	PI-RADS Knowns and Unknowns Neil M. Rofsky, M.D., FACR	BR	Advancement in Breast MRI: What is on the Horizon Elizabeth A. Morris, M.D., FACR, FSBI, FISMRM	

A CME Teaching Activity

2021 Classic Lectures in Body Imaging with MR & CT



Release Date: August 1, 2021

CT | 21.75 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 along with applications of artificial intelligence for body imaging 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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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 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.
- Discuss the clinical applications of artificial intelligence in body imaging.

No special educational preparation is required for this CME activity.

Faculty

Melany B. Atkins, M.D.

Director of Cardiac Imaging,
Fairfax Radiological Consultants
Medical Director Advanced Cardiac Imaging,
Inova Health System
Medical Director Fairfax MRI Center
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The Russell H. Morgan Department of Radiology and
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Mayo Clinic
Associate Professor of Radiology
Mayo Clinic College of Medicine
Rochester, MN

Program

Beyond Elastography *Perry Pickhardt*, *M.D.*

Body (B): 13.0 Hours • Cardiac (C): 2.25 Hours • Chest (CH): 7.0 Hours • CTA: 8.75 Hours • Safety (S): 0.5 Hours • Al: 1.0 Hours

Session 1		Session 6			
В	Expert Differential Diagnosis: Dilated Bowel <i>Michael P. Federle, M.D.</i>	B,S	CT Radiation Dose: Magnitude and Mitigation Fergus Coakley, M.D.		
В	Approach to a Thick Colonic Wall on CT Dushyant V. Sahani, M.D.	В	Tips, Tricks and Pitfalls in Body Oncology CT Dushyant V. Sahani, M.D.		
B, CTA	Acute Bowel and Mesenteric Injuries Clint W. Sliker, M.D., FASER	В	Pearls and Pitfalls in Body CT Fergus Coakley, M.D.		
Session 2		В	Dual Energy CT: Science and Practice Dushyant V. Sahani, M.D.		
B, CTA	Right Lower Quadrant Pain Michael P. Federle, M.D.	Session 7	2 milyum 1. 0anum, 11.12.		
B, CTA	CT of Appendicitis in Adults: Problematic Scans and Scenarios	CH	Pulmonary Embolism Imaging on CT Charles S. White, M.D.		
B, CTA	Douglas S. Katz, M.D., FACR, FASER, FSAR CT Imaging of Peritoneal Disease	CH	Acute and Chronic Pulmonary Thromboembolism <i>Seth J. Kligerman, M.D.</i>		
B, Al	Perry Pickhardt, M.D. Deep Learning: What You Need to Know as a Radiologist Today Elliot K. Fishman, M.D., FACR	CH	Lung Cancer Screening on Low Dose CT: Current Status Charles S. White, M.D.		
		Session 8			
Session 3		CH	Viral Lower Respiratory Tract Infections: From 1918 Spanish Influenza to 2020 COVID -19		
B, CTA	CT of the Acute Abdomen: GU Applications Elliot K. Fishman, M.D., FACR		Robert M. Steiner, M.D., FACR, FACC		
B, CTA	CT of Renal Masses: A Practical Approach	CH	Interstitial Lung Disease Charles S. White, M.D.		
B, CTA	Fergus Coakley, M.D. Acute Pancreatitis: Multimodality Imaging	CH	Critical Care Thoracic Radiology: What's New in the ICU Robert M. Steiner, M.D., FACR, FACC Interesting Thoracic Casse Conference Seth J. Kligerman, M.D.		
В	Douglas S. Katz, M.D., FACR, FASER, FSAR Differential Diagnosis: Cystic Pancreatic Masses	CH			
	Michael P. Federle, M.D.	Session 9			
Session 4		CH	Thoracic Trauma in the Emergency Patient		
В	Update on Pancreatic Cancer Imaging Dushyant V. Sahani, M.D.	CH, CTA	Robert M. Steiner, M.D., FACR, FACC Aortic Injuries and Mimics		
В	CT Imaging of NAFLD, NASH and the Metabolic Syndrome	OH, OTA	AOUC INJURIES AND MITTIES Clint W. Sliker, M.D., FASER		
	Perry Pickhardt, M.D.	CH, CTA	Acute Aortic Syndromes: Rupture, Dissection, and Aneurysm		
В	Expert Differential Diagnosis: The Cystic Hepatic Mass <i>Michael P. Federle, M.D.</i>		Seth J. Kligerman, M.D.		
В	Understanding and Avoiding Malpractice in Body CT Fergus Coakley, M.D.	Session 10 C, CTA	Basics of Cardiac CTA		
		O,OTA	Eric E. Williamson, M.D.		
Session 5 B, CTA	Acute Abdominal and Pelvic Trauma: Pitfalls and Diagnostic Pearls Douglas S. Katz, M.D., FACR, FASER, FSAR	C, CTA	Coronary CTA in the ED Seth J. Kligerman, M.D.		
D, O 1 A		C, CH, CTA	MDCT Evaluation of Acute Chest Pain in the Emergency Room		
В	Incidental Findings at Abdominal CT <i>Perry Pickhardt, M.D.</i>	C, Al	Charles S. White, M.D. Integration of Deep Learning/Al into Cardiac CTA		
B, CTA	Challenging Cases of the Acute Abdomen and Pelvis on CT Douglas S. Katz, M.D., FACR, FASER, FSAR	O, AI	Integration of Deep Learning/AI into Cardiac CTA Melany Atkins, M.D.		
В	CT for Non-invasive Staging of Liver Fibrosis: Beyond Flastography				

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