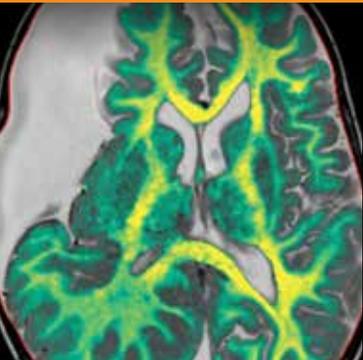


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A CME Teaching Activity

2019 Magnetic Resonance Imaging: National Symposium

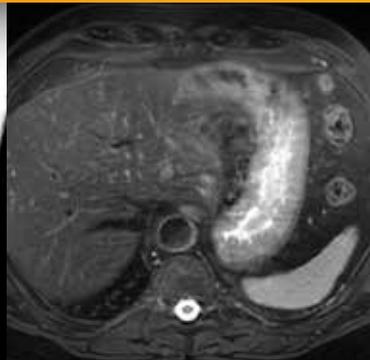
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MRI of the Head & Spine
10.25 Hours



Musculoskeletal MRI
10.5 Hours



MRI of the Body & Heart
5.75 Hours

23.0 AMA PRA Category 1 Credit(s)[™]

Release Date: September 1, 2019

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About This CME Teaching Activity

This symposium offers a practical teaching course for those who order, perform or interpret magnetic resonance imaging studies. The program is organized in such a way to allow registrants to attend all or just a portion of the meeting. Three focused segments provide a comprehensive yet practical review and update on the clinical applications of MRI. The meeting begins by focusing on the head and spine, moves into the musculoskeletal system and concludes with cardiovascular and body applications. New this year is a focused session on Artificial Intelligence and Cultural Change in Diagnostic Imaging. This special session is designed to help you improve your practice and the overall patient experience.

Target Audience

This CME activity is designed to educate diagnostic imaging physicians who supervise and interpret MRI/MRA studies. 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 MRI exams.

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 23.0 *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 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 August 31, 2022.

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:

- Discuss the expanding role of MR in medical imaging.
- Implement state-of-the-art MR protocols.
- Describe the principles and general applications of perfusion and diffusion imaging techniques.
- Utilize MRI to evaluate neurological, musculoskeletal, body and breast pathology.
- Optimize MR protocols and techniques.

No special educational preparation is required for this CME activity.

Faculty

John V. Crues, III, M.D.

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RadNet, Inc.
Board, Nulogix
Los Angeles, CA*

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*Professor of Radiology
Cleveland Clinic Lerner College of Medicine of Case
Western Reserve University
Head, Cardiovascular Imaging
Imaging, and Heart & Vascular Institutes
Cleveland Clinic
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*Consultant for Philadelphia Eagles, Phillies,
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Professor of Radiology
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University of Florida and University of South Florida
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*Consultant, Mayo Clinic Arizona
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Professor of Radiology, Mayo Clinic College of Medicine
Editor-in-Chief, American Journal of Neuroradiology
Phoenix, AZ*

Lawrence N. Tanenbaum, M.D., FACR

*Vice President and Medical Director East Region
Director of CT, MR and Advanced Imaging
RadNet, Inc.
New York, NY*

MRI of the Head & Spine Subset 1-6

Session 1

MR Contrast Agents Safety Update

Lawrence N. Tanenbaum, M.D., FACR

MR Imaging of Hydrocephalus

Wende N. Gibbs, M.D., M.A.

Intracranial Metastatic Disease

Blake A. Johnson, M.D., FACR

Session 2

Patient Centric MR Imaging

Lawrence N. Tanenbaum, M.D., FACR

Imaging in Headache

Jeffrey S. Ross, M.D.

MR of Intracranial Hemorrhage

Blake A. Johnson, M.D., FACR

Session 3

Temporal Bone Anatomy

John L. Go, M.D., FACR

Imaging Evaluations of CNS Infections

Blake A. Johnson, M.D., FACR

Tumors of the Temporal Bone

John L. Go, M.D., FACR

Session 4

White Matter Diseases

Jeffrey S. Ross, M.D.

Imaging of Neurodegenerative Disorders

Wende N. Gibbs, M.D., M.A.

Diagnostic Pitfalls in Neuroimaging

Blake A. Johnson, M.D., FACR

Musculoskeletal MRI Subset 5-10

Session 5

Cervical Vertebral Junction:

The Basics and Congenital Anomalies

Jeffrey S. Ross, M.D.

Back Pain Imaging and Intervention

Wende N. Gibbs, M.D., M.A.

Vascular Spine Disease

Jeffrey S. Ross, M.D.

Inflammatory/Demyelinating Process of the Spinal Cord

John L. Go, M.D., FACR

Session 6

Spine Trauma

Wende N. Gibbs, M.D., M.A.

Spine Nomenclature for the Degenerative Spine

John L. Go, M.D., FACR

MRI of the Cervical Spine - MSK Perspective

William B. Morrison, M.D.

Session 7

Update on MRI of the Knee

John V. Crues, III, M.D.

MRI of Knee Cartilage and Marrow

William B. Morrison, M.D.

MRI of the Knee: Pitfalls

John D. Reeder, M.D., FACR

Session 8

Imaging of Shoulder Instability

William B. Morrison, M.D.

Sports Injuries of the Shoulder

John D. Reeder, M.D., FACR

The Impact of MRI in Understanding Pathophysiology and Treatment of Musculoskeletal Diseases

John V. Crues, III, M.D.

Session 9

Approach to MRI of the Hip

William B. Morrison, M.D.

Experiences/Update in Sports MRI of the Hip

Charles P. Ho, M.D., Ph.D.

Sports Injuries of the Wrist

John D. Reeder, M.D., FACR

Experiences/Update in Sports MRI of the Ankle and Foot

Charles P. Ho, M.D., Ph.D.

Session 10

Experiences/Update in Sports MRI of the Elbow

Charles P. Ho, M.D., Ph.D.

Musculoskeletal Tumors: Imaging Pitfalls

John D. Reeder, M.D., FACR

MRI in Rheumatological Disorders

John V. Crues, III, M.D.

Quantitative MRI of Tissue Health

Charles P. Ho, M.D., Ph.D.

MRI of the Body & Heart Subset 11-13

Session 11

MR Screening for Hepatocellular Carcinoma

Courtney C. Moreno, M.D.

Practical Cardiac MRI: Left Ventricular and Valvular Function

Scott D. Flamm, M.D., M.B.A.

MR Evaluation of Biliary Disease

Courtney C. Moreno, M.D.

MR Staging of Rectal Cancer

Courtney C. Moreno, M.D.

Session 12

MRI in Ischemic Heart Disease: Myocardial Viability

Scott D. Flamm, M.D., M.B.A.

MRI and Imaging of Augmented and Reconstructed Breast

Debra M. Ikeda, M.D.

MRI/MRA in Congenital Heart Disease

Scott D. Flamm, M.D., M.B.A.

Session 13

MRI Guided Breast Biopsy

Debra M. Ikeda, M.D.

MRA of Thoracic Aortic Disease

Scott D. Flamm, M.D., M.B.A.

Imaging Correlation of MRI Findings

Debra M. Ikeda, M.D.

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