

A CME Teaching Activity

31st Annual

MRI UPDATES 2018

General MRI

Musculoskeletal MRI

Neuro MRI

Date of Original Release: Bi-Monthly Beginning In January 2018

About This CME Teaching Activity

This CME teaching activity provides practical, timely, clinical information in MRI imaging. Pertinent lectures are selected so that subscribers receive the most up-to-date clinical information. Tips and techniques are stressed, as well as appropriate patient selection. The faculty members have been chosen for their teaching ability, as well as their expertise in MRI.

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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for these programs may be claimed until
January 14, 2021.**

Technologists: No Category A CE credit is available for this series.

All course participants are required to pass a written 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.

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This CME teaching activity was planned and produced by Educational Symposia, the leader in diagnostic imaging education since 1975.

This CME teaching activity series was planned and produced in accordance with the ACCME Essential Areas and Elements.

Content & Shipping

The MRI Updates are available in the sub-specialties of General MRI, Neuro MRI and Musculoskeletal MRI. Each series is comprised of six DVDs. **You will receive one DVD every other month beginning in January 2018. International orders will be shipped in their entirety in November 2018.** These DVDs are yours to keep. There is no duplication of lectures among these series.

From the Leader in MRI Education

MRI Updates are an exciting concept in medical education. These bi-monthly releases are designed to offer:

- Up-to-date, practical information essential for the practicing physician
- Outstanding, nationally known faculty selected for their excellence as teachers, as well as for their expertise in MRI
- Educational sessions at your convenience: watch when you please; review them as often as you wish; all are yours to keep
- DVDs are released throughout the year so that you will always be up-to-date

For More Information . . .

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MRI UPDATES 2018

General MRI

Target Audience

This CME teaching activity is primarily intended and designed to educate diagnostic imaging physicians. It should also be useful in educating referring physicians who order MRI procedures.

Educational Objectives

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

- Apply state-of-the-art MRI/MRA techniques to clinical practice.
- Discuss the expanding role of advanced MR imaging applications.
- Assess patients with a variety of cardiovascular, breast and abdominal abnormalities using MRI.
- Develop non-contrast MR angiography protocols.

No special educational preparation is required for this CME activity.

Faculty

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MRI UPDATES 2018

General MRI

Program

Program 1

MRI of the Pancreas

Russell N. Low, M.D.

MR of the Liver: Vascular Abnormalities

Cynthia S. Santillan, M.D., FSAR

Breast MRI Artifacts and Pitfalls

Haydee Ojeda-Fournier, M.D.

MRI of Prostate Cancer

Russell N. Low, M.D.

Program 2

MR Angiography With and Without Contrast Agents

Robert R. Edelman, M.D.

Practical Cardiac MRI: Viability Imaging as a Workhorse

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

Breast MRI in Screening, Staging and Diagnosis

Haydee Ojeda-Fournier, M.D.

MR Enterography

Cynthia S. Santillan, M.D.

Program 3

Cardiac MRI

Robert R. Edelman, M.D.

Practical Cardiac MRI: Left Ventricular and Valvular Function

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

LI-RADS Fundamentals, Application and Updates

Cynthia S. Santillan, M.D.

Great Calls and Pitfalls in Body MRI - How to be the Hero and not the Goat!

Russell N. Low, M.D.

Program 4

Imaging the Brachial and Lumbar-Sacral Plexus

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

MRI/MRA of Thoracic Aortic Disease

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

Breast MRI as a Second-line Diagnostic Tool Following Inconclusive Clinical or Imaging Findings

Haydee Ojeda-Fournier, M.D.

Great Cases in Body MRI

Neil M. Rofsky, M.D., FACR

Program 5

Misses and Misinterpretations in Multiple Sclerosis

Timothy M. Shepherd, M.D., Ph.D.

MR Guided Hi-FU Update

Neil M. Rofsky, M.D., FACR

Contrast Enhanced MRI: New Concerns and Practices

Lawrence N. Tanenbaum, M.D., FACR

Program 6

Pulmonary MRI

Thomas M. Grist, M.D., FACR

State of the Art Cardiovascular MRI

James C. Carr, M.D.

Imaging Peripheral Vascular Disease

Thomas M. Grist, M.D., FACR

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Musculoskeletal MRI

Target Audience

This CME teaching activity is designed to educate radiologists, orthopedic surgeons, podiatrists, sports medicine physicians, and referring physicians who order musculoskeletal MRI studies.

Educational Objectives

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

- Incorporate state of the art pulse sequences and protocols for a variety of musculoskeletal MRI procedures into clinical practice.
- Recognize the strengths and limitations of MRI for the management of sports related injuries.
- Describe the MRI appearance of common musculoskeletal pathology and differentiate this pathology from other causes of abnormal signal.
- Utilize MRI to evaluate spondyloarthropathies and osteochondral lesions.

No special educational preparation is required for this CME activity.

Faculty

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Proscan Imaging Maryland
Columbia, MD

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Musculoskeletal MRI

Program

Program 1

Experiences/Update in Sports MRI of the Shoulder
Charles P. Ho, M.D., Ph.D.

MRI of the Shoulder: Beyond the Cuff
Mark H. Auh, M.D.

Knee: Extensor Mechanism
John V. Crues III, M.D.

Sports Imaging of the Wrist
Jeffrey J. Peterson, M.D.

Program 2

MRI of the Foot and Ankle
Mark H. Auh, M.D.

Experiences/Update in Sports MRI of the Knee
Charles P. Ho, M.D., Ph.D.

Posterolateral Corner of the Knee Made Simple
William B. Morrison, M.D.

MRI of the Menisci
Mark H. Auh, M.D.

Program 3

3D MRI of Sports Injuries
Jan Fritz, M.D., P.D., D.A.B.R.

Experiences/Update in Sports Imaging of the Hip
Charles P. Ho, M.D., Ph.D.

MRI of Acute Bone and Cartilage Injuries
John F. Feller, M.D.

MRI Around Implants
Jan Fritz, M.D., P.D., D.A.B.R.

Program 4

Osteochondral Lesions: What are They Really?
William B. Morrison, M.D.

Rheumatoid Arthritis and Seronegative
Spondyloarthropathies
Jeffrey J. Peterson, M.D.

MRI of the Cervical Spine - MSK Perspective
William B. Morrison, M.D.

Introduction to MRI of the Elbow
John F. Feller, M.D.

Program 5

Using Musculoskeletal MR Artifacts to Your Advantage
and Suppressing the Ones You Don't Want
William B. Morrison, M.D.

Sports Imaging of the Hand and Finger
Jeffrey J. Peterson, M.D.

MRI Evaluation of Pediatric Elbow Pain
John D. Reeder, M.D., FACR

MRI of Articular Cartilage and Osteoarthritis
Garry E. Gold, M.D.

Program 6

Experiences/Update in MRI of Articular Cartilage and
Imaging Biomarkers
Charles P. Ho, M.D., Ph.D.

MRI of the Peripheral Nerves
Garry E. Gold, M.D.

MR Arthrography
Jeffrey J. Peterson, M.D.

MRI Evaluation of Pediatric Foot Pain
John D. Reeder, M.D., FACR

A CME Teaching Activity

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Neuro MRI

Target Audience

This CME teaching activity should benefit radiologists and other physicians who perform, supervise, and interpret neurological MRI studies. It should also be valuable for referring physicians who order these studies.

Educational Objectives

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

- Recognize the appearance of normal anatomy and common pathology.
- Expand clinical applications for MRI in evaluation of patients with a variety of CNS disorders.
- Develop image strategies to accurately assess adult and pediatric brain tumors.
- Incorporate state-of-the-art spine imaging protocols and techniques into clinical practice.
- Apply advanced imaging techniques to evaluate neurological disorders.

No special educational preparation is required for this CME activity.

Faculty

Jalal B. Andre, M.D.

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New York, NY*

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Program

Program 1

MR Imaging of Acute Stroke

James Y. Chen, M.D.

Intracranial Hemorrhage: Emerging Techniques and Applications

Jalal B. Andre, M.D.

MR Imaging of Hydrocephalus

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

Imaging Evaluation of CNS Infections

Blake A. Johnson, M.D., FACR

Program 2

Imaging of Neuro Degenerative Disease

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

Imaging Seizure Disorders

James Y. Chen, M.D.

PET/MRI Will Change Your Neuroradiology Practice

Timothy M. Shepherd, M.D., Ph.D.

Central Skull Base: Pathology and Anatomy

C. Douglas Phillips, M.D., FACR

Program 3

Imaging the Pituitary Gland and Sella Region

C. Douglas Phillips, M.D., FACR

Imaging of Head and Neck Pathology

Blake A. Johnson, M.D., FACR

Optimized Imaging of the Instrumented Spine

Lawrence N. Tanenbaum, M.D., FACR

Program 4

Pediatric Brain Tumors

Erin Simon Schwartz, M.D.

Adult Brain Tumors

Blake A. Johnson, M.D., FACR

Advanced Imaging of Brain Tumors

Lawrence N. Tanenbaum, M.D., FACR

Program 5

Spine Tumors: What the Surgeon Wants to Know

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

Diffusion Imaging of the Human Spine and Spinal Cord

Jalal B. Andre, M.D.

Spinal Cord and Intradural Abnormalities

James Y. Chen, M.D.

Program 6

Recognizing and Interpreting Lobar Specific Atrophy in the Elderly

Timothy M. Shepherd, M.D., Ph.D.

Imaging Cranial Neuropathies

Blake A. Johnson, M.D., FACR

Misses and Misinterpretations in Multiple Sclerosis MRI

Timothy M. Shepherd, M.D., Ph.D.

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