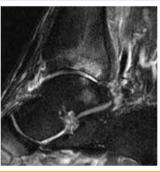
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A CME Teaching Activity

2019 Musculoskeletal Imaging in Clinical Practice

Designated for SA-CME





20.0 AMA PRA Category 1 Credit(s)™

Release Date: June 15, 2019





About This CME Teaching Activity

The CME Activity provides a review of clinical applications concerning the diagnosis, treatment and management of the musculoskeletal disorders. Modern imaging strategies, surgical correlation and the need for intra-disciplinary teamwork when deciding the most effective patient management will be addressed. Faculty share techniques and tips in image interpretation of musculoskeletal injuries and pathology. Information gained during this activity is geared to improve diagnostic capabilities and expand clinical applications. The faculty has been selected for their teaching ability, as well as for their expertise.

Target Audience

This CME activity is designed to educate diagnostic imaging physicians who supervise and interpret musculoskeletal MRI. In addition, referring physicians who order musculoskeletal MRI should gain an appreciation of the strengths and limitations of these types of procedures.

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 20.0 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 June 14, 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:

- Incorporate state of the art imaging protocols to accurately assess musculoskeletal pathology and injury.
- Assess patients with joint pathology in a non-invasive manner utilizing MRI.
- Recognize the strengths and limitations of MRI for the management of sports related injuries.
- Describe the MR appearance of muscle and tendon injury.
- Differentiate musculoskeletal masses and tumors.
- Modify image sequencing to accurately evaluate joint replacement and minimize artifact.
- Discuss the utility of imaging when used to guide therapeutic musculoskeletal injections.

No special educational preparation is required for this CME activity.



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Faculty Program

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Matthew Diltz, M.D.

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Jeffrey S. Ross, M.D.

Neuroradiology Division Department of Radiology Senior Associate Consultant, Mayo Clinic Professor of Radiology, Mayo Clinic College of Medicine Editor-in-Chief, American Journal of Neuroradiology Phoenix, AZ

Lynne S. Steinbach, M.D.

Professor of Radiology and Orthopedics University of California, San Francisco San Francisco, CA

Session 1

MRI of the Knee Menisci: Tricks and Tips William B. Morrison, M.D.

MRI of the Knee: Ligaments and Miscellaneous Disorders Mark H. Awh, M.D.

MRI of the Knee: Case Based John F. Feller, M.D.

Session 2

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

MRI of the Knee: Arthroscopic Validation of MRI Findings Matthew Diltz, M.D.

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

Session 3

Femoroacetabular Impingement Update Geoffrey M. Riley, M.D.

Current Concepts in Imaging and Arthroscopy of the Hip Matthew Diltz, M.D.

Session 4

MRI and Bone Marrow; Practical Solutions to Common Problems Geoffrey M. Riley, M.D.

Degenerative Disc Disease, Pathophysiology and Nomenclature Jeffrey S. Ross, M.D.

Session 5

The Craniocervical Junction *Jeffrey S. Ross, M.D.*

What Level Is This: Making Sense of Transitional Spinal Anatomy *Geoffrey M. Riley, M.D.*

MRI of Spine Infection and Differential Diagnosis

William B. Morrison, M.D.

Session 6

MR of Spine Trauma *Jeffrey S. Ross, M.D.*

Pearls and Pitfalls in Shoulder MRI *Lynne S. Steinbach, M.D.*

Postoperative Spine Imaging *Jeffrey S. Ross, M.D.*

Session 7

The Throwing Shoulder *Lynne S. Steinbach, M.D.*

Recent Articles Important to Your Practice *Geoffrey M. Riley, M.D.*

MR of Sports Injuries in the Professional Athlete *Mark H. Awh, M.D.*

Session 8

Can We Determine Return to Play? William B Morrison, M.D.

MRI Following Joint Replacement *John F. Feller, M.D.*

MRI of Musculoskeletal Masses and Tumor-like Conditions Mark H. Awh. M.D.

Session 9

Biceps Muscle and Tendon in the Upper Extremity *Lynne S. Steinbach, M.D.*

Bone, Tendon and Muscle Injuries *Matthew Diltz, M.D.*

Image Guided Diagnostic and Therapeutic MSK Injections

John F. Feller, M.D.

Session 10

Postoperative Shoulder *Lynne S. Steinbach, M.D.*

Orthopedic Injuries: From Diagnosis to Treatment Matthew Diltz, M.D.

Session 11

New & Proven Techniques for Rapid Musculoskeletal MRI Jan Fritz, M.D., P.D., D.A.B.R.

Automated MR Imaging of the Musculoskeletal System *John F. Feller, M.D.*

Metal Artifacts in MRI: Practical Problem Solving Jan Fritz, M.D., P.D., D.A.B.R.

Session 12

MRI of the Shoulder *John F. Feller, M.D.*

Elbow MRI Jan Fritz, M.D., P.D., D.A.B.R.

MRI of the Hip *John F. Feller, M.D.*

Multi-Detector CTA of Extremity Trauma *Jan Fritz, M.D., P.D., D.A.B.R.*

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