

A CME Teaching Activity

2016 Classic Lectures in Musculoskeletal Imaging: What You Need to Know

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, 2016

About This CME Teaching Activity

This CME teaching activity is a comprehensive musculoskeletal teaching course focusing on the shoulder, knee, spine, hip, ankle, wrist, hand and foot. Practical lectures from experienced faculty provide up-to-date imaging techniques and protocols along with imaging strategies and advanced applications. This program is designed for physicians who order, perform and interpret musculoskeletal imaging procedures.

Target Audience

This CME teaching activity is primarily intended and designed to educate physicians who supervise and interpret musculoskeletal imaging studies using MRI, CT, Ultrasound, and PET/CT. Thus, it should be particularly helpful for radiologists and orthopedic surgeons. This activity 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 musculoskeletal imaging.

Scientific Sponsor

Educational Symposia

Educational Objectives

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

- Design and implement appropriate musculoskeletal imaging protocols and techniques.
- Utilize a multi-modality approach to diagnose disease processes in the musculoskeletal system.
- Discuss the clinical application and utility of incorporating advanced imaging techniques to evaluate musculoskeletal disorders.
- Apply advances in musculoskeletal imaging protocols to accurately assess musculoskeletal trauma.
- Compare ultrasound imaging of the MSK system with MR image findings.
- Describe the clinical applications and pitfalls of musculoskeletal PET studies.
- Differentiate image findings of chronic and acute injury in the musculoskeletal system.

No special educational preparation is required for this CME activity.

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 32.5 *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 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.

**AMA PRA Category 1 Credit(s)TM
for this activity may be claimed until August 14, 2019.**

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.

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Program

Session 1

MRI of the Shoulder

Jeffrey Peterson, M.D.

Rotator Cuff and Impingement

Theodore T. Miller, M.D., FACR

Shoulder Instability

Brian Petersen, M.D.

SLAP Happy: When and How to Call a SLAP Lesion on MRI

Adam C. Zoga, M.D.

Session 2

Experiences/Update in Sports MRI of the Shoulder

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

Imaging the Throwing Athlete

John V. Crues, III, M.D.

Miscellaneous Conditions of the Shoulder

Christine B. Chung, M.D.

Session 3

Ultrasound of the Shoulder

Jon A. Jacobson, M.D.

Indirect MR Arthrography of the Hip and Shoulder

John D. Reeder, M.D., FACR

Session 4

MRI of the Elbow

Theodore T. Miller, M.D., FACR

Experiences/Update in Sports MRI of the Elbow

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

Ultrasound of the Elbow

Jon A. Jacobson, M.D.

Sports Injuries of the Elbow

John D. Reeder, M.D., FACR

Session 5

Wrist MRI

John V. Crues, III, M.D.

Sports Imaging of the Wrist

Jeffrey Peterson, M.D.

MRI of Finger Injuries

John F. Feller, M.D.

Session 6

Sports Injuries of the Wrist: Golf and Racquet Sports

John D. Reeder, M.D., FACR

Digital MRI: Fingers and Toes

Mark H. Awh, M.D.

Sports Imaging of the Hand and Finger

Jeffrey Peterson, M.D.

Session 7

MRI of the Hip

Christine B. Chung, M.D.

Adult Hip Dysplasia and FAI

William B. Morrison, M.D.

Hip Trauma

John V. Crues, III, M.D.

Imaging of Adverse Tissue Reactions to Metal-on-Metal Arthroplasty

Theodore T. Miller, M.D., FACR

Session 8

ESPN Imaging: Hip Pointer, Sports Hernia, High Ankle Sprain and Turf Toe Demystified

Brian Petersen, M.D.

Experiences/Update in Sports MRI of the Hip

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

Imaging the Patient with Pelvic Trauma

Mark P. Bernstein, M.D.

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Session 9

MRI of the Ankle

John V. Crues, III, M.D.

Structures Involved in Hindfoot Valgus

Christine B. Chung, M.D.

Experiences/Update in Sports MRI of the Ankle and Foot

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

Ultrasound of the Ankle

Jon A. Jacobson, M.D.

Session 10

Imaging the Extensor Mechanism of the Knee

Theodore T. Miller, M.D., FACR

Knee Ligaments

John V. Crues, III, M.D.

Posteromedial and Posterolateral Corners of the Knee

Adam C. Zoga, M.D.

MRI of the Knee: Menisci

Mark H. Awh, M.D.

Session 11

Experiences/Update in Sports MRI of the Knee

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

MRI of Knee Arthroplasty

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

MRI of Articular Cartilage and Imaging Biomarkers

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

Ultrasound of the Knee

Jon A. Jacobson, M.D.

Session 12

Controversies in Osteoporosis

Brian Petersen, M.D.

Spine Percutaneous Interventional Techniques

Brian Petersen, M.D.

Imaging the Cervical Spine

William R. Reinus, M.D., MBA, FACR

Session 13

Controversies in Spine Imaging

John V. Crues, III, M.D.

Introduction to Imaging Characterization of Bone and Soft-Tissue Tumors

Brian Petersen, M.D.

Imaging of Musculoskeletal Infections

William B. Morrison, M.D.

Ultrasound of Soft Tissue Masses

Jon A. Jacobson, M.D.

Session 14

Imaging and Treatment of Muscle Injuries

Theodore T. Miller, M.D., FACR

Acute Bone and Cartilage Injuries

John F. Feller, M.D.

MRI of Musculoskeletal Soccer Injuries

John D. Reeder, M.D., FACR

Musculoskeletal Masses and Tumor-like Conditions

Mark H. Awh, M.D.

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Session 15

MRI in Synovial Inflammatory Disorders -
A Radiologists Perspective

Christine B. Chung, M.D.

Interventional Musculoskeletal Ultrasound

Jon A. Jacobson, M.D.

Metabolic Bone Disorders

Christine B. Chung, M.D.

Session 16

MRI of Pediatric Bone Tumors

John D. Reeder, M.D., FACP

Difficult Fractures of the Lower Extremities

William R. Reinus, M.D., MBA, FACP

MRI of Pediatric Sports Injuries

John D. Reeder, M.D., FACP

Session 17

Optimization of Musculoskeletal MRI and CT Protocols

William B. Morrison, M.D.

Fluoride PET/CT Bone Imaging

Kevin L. Berger, M.D.

Bone Scintigraphy

Andrew T. Trout, M.D.

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