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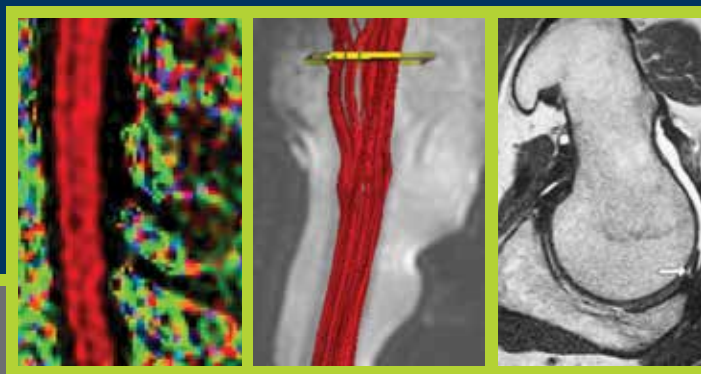
A CME Teaching Activity

2014

Classic Lectures in Musculoskeletal Imaging:

What You Need To Know

Designated for SA-CME



35.5 AMA PRA Category 1 Credit(s)TM

Release Date: August 15, 2014

ESI Educational
Symposia

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, sports medicine physicians 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

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 35.5 *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.

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

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)[™] for this activity may be claimed until August 14, 2017.

This CME activity was planned and produced by Educational Symposia,
the leader in diagnostic imaging 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:

- Design and implement appropriate musculoskeletal imaging protocols and techniques.
- Utilize a multi-modality approach to diagnose disease processes in the musculoskeletal system.
- Review musculoskeletal anatomy using CT, MR, PET and ultrasound imaging techniques.
- 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.

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Faculty

Mark H. Awh, M.D.

*President
Radsource
Brentwood, TN*

Pedro K. Beredjikian, M.D.

*Chief, Division of Hand Surgery
The Rothman Institute
Associate Professor of Orthopaedic Surgery
Jefferson Medical College
Philadelphia, PA*

J. Antonio Bouffard, M.D.

*Sportsmedicine Ultrasound
Department of Orthopaedic Surgery & Sports Medicine
Detroit Medical Center
Detroit, MI*

Steve Chang, M.D.

*Neurosurgeon
Barrow Neurological Institute
Phoenix, AZ*

Avneesh Chhabra, M.D.

*Associate Professor of MSK Radiology and Orthopedic Surgery
MSK Section Chief
UTSW, Dallas, TX
Adjunct Professor
John Hopkins University School of Medicine and
Russell H. Morgan
Department of Radiology & Radiological Science
Baltimore, MD*

John V. Crues, III, M.D.

*Medical and MRI Fellowship Director
Radnet, Inc.
Professor of Radiology
UCSD School of Medicine
Los Angeles, CA*

Mark J. Decker, M.D.

*Musculoskeletal and Spine Imaging and Intervention
New York, NY*

Matthew Diltz, M.D.

*Orthopedic Surgeon
Sports Medicine and Joint Preservation
Eisenhower Desert Orthopaedic Center
Rancho Mirage, CA*

Joshua S. Dines, M.D.

*Orthopedic Surgeon
Sports Medicine and Shoulder Service
The Hospital for Special Surgery
Assistant Professor of Orthopedic Surgery
Weill Cornell Medical College
Great Neck, NY*

John F. Feller, M.D.

*Medical Director
Desert Medical Imaging
Indian Wells, CA
Assistant Clinical Professor of Radiology
Loma Linda University School of Medicine
Loma Linda, CA*

Elliot K. Fishman, M.D., FACR

*Professor of Radiology, Surgery and Oncology
Director, Diagnostic Imaging and Body CT
The Russell H. Morgan Department of Radiology
and Radiological Science
The Johns Hopkins University
Baltimore, MD*

Garry E. Gold, M.D.

*Professor of Radiology
Courtesy Professor Bioengineering and Orthopaedic Surgery
Associate Chair of Research
Department of Radiology
Stanford University Medical Center
Stanford, CA*

Blake A. Johnson, M.D., FACR

*Medical Director
Center for Diagnostic Imaging
Minneapolis, MN*

Kenneth S. Jung, M.D.

*Orthopaedic Foot & Ankle Surgeon
Kerlan-Jobe Orthopaedic Clinic
Los Angeles, CA*

Orr Limpisvasti, M.D.

*Orthopaedic Surgeon, Kerlan-Jobe Orthopaedic Clinic
Orthopaedic Surgeon- Anaheim Ducks Hockey
Orthopaedic Consultant-Los Angeles Angels Baseball
Los Angeles, CA*

William D. Middleton, M.D., FACR

*Professor of Radiology
Section of Abdominal Imaging & Diagnostic Ultrasound
Mallinckrodt Institute of Radiology
Washington University School of Medicine*

William B. Morrison, M.D.

*Consultant for Philadelphia Eagles, Phillies, Flyers
Professor of Radiology
Director, Musculoskeletal Radiology Division
Department of Radiology
Thomas Jefferson University
Philadelphia, PA*

Shane J. Nho, M.D., M.S.

*Assistant Professor
Department of Orthopedic Surgery
Division of Sports Medicine
Chicago, IL*

Faculty Continued

William E. Palmer, M.D.

*Assistant Professor in Radiology
Harvard Medical School
Director of Musculoskeletal Imaging
Massachusetts General Hospital*

Jeffrey Peterson, M.D.

*Professor of Radiology
Residency Program Director
Department of Radiology
Mayo Clinic Jacksonville
Jacksonville, FL*

John D. Reeder, M.D., FACR

*Director of Imaging
Proscan Imaging Maryland
Columbia, MD*

Jeffrey S. Ross, M.D.

*Professor of Neuroradiology
Barrow Neurological Institute
St. Joseph's Hospital
Phoenix, AZ*

Lawrence N. Tanenbaum, M.D., FACR

*Director MRI, CT and Outpatient/Advanced Development
Mount Sinai School of Medicine
New York, NY*

Sharlene A. Teefey, M.D.

*Professor
Department of Radiology
Mallinckrodt Institute of Radiology
St. Louis, MO*

Phillip F.J. Tirman, M.D.

*Medical Director
Renaissance Imaging Medical Associates
Westlake Village, CA*

Alan D. Waxman, M.D.

*Director, Nuclear Medicine
Cedars-Sinai Medical Center
Clinical Professor of Radiology
University of Southern California School of Medicine
Los Angeles, CA*

Steve Yoon, M.D., M.P.H.

*Physician
Kerlan-Jobe Orthopaedic Clinic Los Angeles, CA*

Program

Session 1

Introduction to MR Imaging of the Knee – Protocols, Bone, Meniscal and Ligament Injuries

William B. Morrison, M.D.

MRI of the Knee: Case Based

John F. Feller, M.D.

MRI of the Knee: Advanced Concepts

Mark H. Auh, M.D.

Session 2

MRI of the Knee: Difficult Meniscal Cases

John D. Reeder, M.D., FACR

MRI of the Knee: Difficult Diagnosis

John D. Reeder, M.D., FACR

MRI of Joint Prosthesis

Mark J. Decker, M.D.

Session 3

Sports Imaging of the Knee: Pre- and Post-Op ACL – Surgical Perspective

Orr Limpisvasti, M.D.

Sports Imaging of the Knee: Pre- and Post-Op ACL – Radiologist Perspective

John V. Crues, III, M.D.

Golf Injuries

John F. Feller, M.D.

Introduction to MRI of the Hips – Protocols, Bone Trauma, AVN, Labral Tears, FAI

William B. Morrison, M.D.

Femoroacetabular Impingement – Surgical Perspective

Matthew Diltz, M.D.

Session 4

Femoroacetabular Impingement – Radiologist Perspective

John F. Feller, M.D.

Hip Labral Pathology – Surgical Perspective

Matthew Diltz, M.D.

Hip Labral Pathology – Radiologist Perspective

John F. Feller, M.D.

What the Orthopedist Needs From the Radiologist in the MRI Report

Matthew Diltz, M.D.

If you receive more than one brochure, please pass the extra along to a colleague.

Session 4 (continued)

MRI of the Extra-Articular Hip

Mark J. Decker, M.D.

Session 5

Imaging of Collision Sports: Football and Hockey – Quads, Hamstrings, Sports Hernias

Phillip F.J. Tirman, M.D.

Elbow: Tendon and Joint Disorders – Surgical Perspective

Joshua S. Dines, M.D.

Elbow: Tendon and Joint Disorders – Radiologist Perspective

John V. Crues, III, M.D.

Imaging of Running Injuries – Soccer

John F. Feller, M.D.

MR Imaging in Rheumatoid Arthritis

John V. Crues, III, M.D.

Session 6

Introduction to MR of the Ankle: Techniques and Protocols

John V. Crues, III, M.D.

Ankle Instability – Surgical Perspective

Kenneth S. Jung, M.D.

Ankle Instability – Radiology Perspective

William B. Morrison, M.D.

State of the Art Musculoskeletal MRI

John F. Feller, M.D.

The Roles of Biologic Treatments in Soft-Tissue Injury

Steve Yoon, M.D., M.P.H.

Session 7

Bone, Tendon, and Muscle Injuries – Surgical Perspective

Shane J. Nho, M.D., M.S.

Bone, Tendon, and Muscle Injuries – Radiologist Perspective

John F. Feller, M.D.

MRI of Musculoskeletal Masses and Tumor-like Conditions

Mark H. Aww, M.D.

Advanced MRI of Articular Cartilage

Garry E. Gold, M.D.

Image Guided Therapeutic MSK Injections

John F. Feller, M.D.

Session 8

Ultrasound in Sports Medicine

J. Antonio Bouffard, M.D.

Interventional Musculoskeletal Ultrasound (MSUS)

J. Antonio Bouffard, M.D.

Ultrasound of the Ankle Tendons

J. Antonio Bouffard, M.D.

Session 9

Introduction to MR of the Shoulder – Protocols, Cuff Tears, Labral Tears

John V. Crues, III, M.D.

Ultrasound of the Rotator Cuff

J. Antonio Bouffard, M.D.

Sports Injuries of the Shoulder

John D. Reeder, M.D., FACR

Introduction to MR of the Elbow – Protocols, Ligaments, Tendons and Muscles

John F. Feller, M.D.

Session 10

MR Imaging of the Postoperative Shoulder

John F. Feller, M.D.

Rotator Cuff – Surgical Perspective

Joshua S. Dines, M.D.

Rotator Cuff – Radiologist Perspective

William E. Palmer, M.D.

MRI of the Biceps and Subscapularis

Mark J. Decker, M.D.

Sports Imaging of the Shoulder: AC Joint – Surgical Perspective

Joshua S. Dines, M.D.

Sports Imaging of the Shoulder: AC Joint – Radiologist Perspective

William E. Palmer, M.D.

Session 11

MDCT of the Musculoskeletal System

Elliot K. Fishman, M.D., FACR

Sonography of the Shoulder

William D. Middleton, M.D., FACR

Fluorine – 18 Bone Scans: A New Beginning for Skeletal Imaging

Alan D. Waxman, M.D.

Session 12

Sports Injuries of the Wrist: Golf and Racquet Sports

John D. Reeder, M.D., FACR

MRI Evaluation of Groin Pain in the Athlete

John D. Reeder, M.D., FACR

Ulnar-Sided Wrist Pain – Surgical Perspective

Pedro K. Beredjiklian, M.D.

Ulnar-Sided Wrist Pain – Radiologist Perspective

William B. Morrison, M.D.

Session 13

MR Evaluation of Acute Ankle Trauma

William B. Morrison, M.D.

MR Evaluation of Chronic Ankle Injury

William E. Palmer, M.D.

MR of Inflammatory Disease of the Foot and Ankle

William B. Morrison, M.D.

Session 14

Upper Extremity Case Studies

William E. Palmer, M.D.

Introduction to MR of the Wrist – Protocols, Instability, Trauma, Impingement, Tendons

John F. Feller, M.D.

MRI of the Hand and Finger

Jeffrey Peterson, M.D.

Optimization of Musculoskeletal MRI

William B. Morrison, M.D.

Session 15

MR Arthrography

William B. Morrison, M.D.

An Overview of Musculoskeletal Ultrasound

Sharlene A. Teefey, M.D.

Case Based Spine Review

Jeffrey S. Ross, M.D.

Session 16

The Radiologist's Role in Neck and Back Pain Management

Blake A. Johnson, M.D., FACR

Advances in Spine Surgery

Steve Chang, M.D.

Spine Injury Case Based Review: From Diagnosis to Treatment

Steve Chang, M.D.

Jeffrey S. Ross, M.D.

Session 17

Degenerative Disk Disease: Pathophysiology and Nomenclature

Jeffrey S. Ross, M.D.

Advanced Techniques for Spine MRI

Lawrence N. Tanenbaum, M.D., FACR

Introduction to US MSK Imaging

Steve Yoon, M.D., M.P.H.

Session 18

Spine Infection and Inflammation

Jeffrey S. Ross, M.D.

Imaging of Cervical Spine Trauma

John F. Feller, M.D.

MR Neurography – How I Do It

Avneesh Chhabra, M.D.

Session 19

Imaging Evaluation of the Spine

Blake A. Johnson, M.D., FACR

Imaging of Thoracolumbar Spinal Trauma

William B. Morrison, M.D.

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