

2021 Musculoskeletal Imaging in Clinical Practice

Release Date: September 15, 2021 | 17.5 AMA PRA Category 1 Credit(s)TM

About This CME Teaching Activity

This 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 is addressed. Faculty share techniques and tips in image interpretation of musculoskeletal injuries and pathology. Information gained from this activity is geared to improve diagnostic capabilities and expand clinical applications.

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 17.5 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 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)TM
for this activity may be claimed until September 14, 2024.

This program is planned and organized by Educational Symposia, a leader in accredited continuing 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:

- Optimize image protocols to accurately assess musculoskeletal injury and pathology.
- 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.
- Correlate MRI, ultrasound and surgical findings of musculoskeletal injury.

No special educational preparation is required for this CME activity.

Faculty

John A. Abraham, M.D., FACS

Orthopedic Oncology, Arthroplasty
Rothman Institute
Philadelphia, PA

Robert D. Boutin, M.D.

Clinical Professor of Radiology
Stanford University School of Medicine
Stanford, CA

Mark Cresswell, MBBCh, BSc (Hon), FRCR, FRCPC

Clinical Associate Professor
University of British Columbia (UBC)
Radiology Department
St Paul's Hospital
Vancouver, BC

Tetyana Gorbachova, M.D.

Section Chief Musculoskeletal Imaging
Clinical Associate Professor of Radiology
Jefferson Medical College
Department of Radiology, Einstein Medical Center
Philadelphia, PA

William B. Morrison, M.D., F.A.C.R.

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

Lawrence M. White, M.D., FRCPC

Professor
Division Head, Musculoskeletal Imaging
University of Toronto
Toronto, Canada

Adam C. Zoga, M.D., M.B.A.

Professor of Radiology
Sidney Kimmel Medical College
Vice Chair for Clinical Practice
Director of Musculoskeletal MRI
Thomas Jefferson University Hospitals
Philadelphia, PA

Program

MR: 17.5 Hours • Ultrasound (US): 2.75 Hours • CT: 0.5 Hours

Session 1

- MR Musculoskeletal Disease: Unifying Concepts
William B. Morrison, M.D., FACS
- MR How to Avoid Your Case Being Presented at Next M&M
Tetyana Gorbachova, M.D.
- MR, US, CT Imaging Pearls I Would Like to Tell My Younger Self
Mark Cresswell, MBBCh, BSc (Hon), FRCR, FRCPC

Session 2

- MR Orthopedic Interposition Injuries:
You Only See What You Look For
Robert D. Boutin, M.D.
- MR Radiographic / MRI Correlation
William B. Morrison, M.D., FACS
- MR MSK Hot Topics
Robert D. Boutin, M.D.
- MR Optimization of MSK MRI
William B. Morrison, M.D., FACS

Session 3

- MR MRI of the High Performance Athlete
Adam C. Zoga, M.D., M.B.A.
- MR MRI of the Throwing Athlete's Shoulder
Lawrence M. White, M.D., FRCPC
- MR Sports-specific Injuries
Adam C. Zoga, M.D., M.B.A.

Session 4

- MR Trauma of the Knee
Tetyana Gorbachova, M.D.
- MR MRI of the Knee: Case-Based Review -
Misses That Matter
Robert D. Boutin, M.D.
- MR MRI of the Knee: Cruciate Anatomy and Injury Patterns
William B. Morrison, M.D., FACS

Session 5

- MR MRI of the Knee Menisci
Tetyana Gorbachova, M.D.
- MR Knee MRI: Post-op Case-Based Review
Robert D. Boutin, M.D.
- MR Shoulder Impingement and the Rotator Cuff
Adam C. Zoga, M.D., M.B.A.
- MR MRI of Shoulder Instability
Lawrence M. White, M.D., FRCPC

Session 6

- MR, US Imaging of the Brachial Plexus
Mark Cresswell, MBBCh, BSc (Hon), FRCR, FRCPC
- MR MRI of the Elbow
Tetyana Gorbachova, M.D.
- MR Elbow: MRI Case-Based Review
Robert D. Boutin, M.D.
- MR, US Wrist Imaging: Location, Location, Location
Mark Cresswell, MBBCh, BSc (Hon), FRCR, FRCPC

Program

Session 7

- MR MRI of the Wrist and Hand
Tetyana Gorbachova, M.D.
- MR Ankle MRI: The Essentials
William B. Morrison, M.D., FACR
- MR, US Ultrasound / MRI Correlation
Mark Cresswell, MBBCh, BSc (Hon), FRCR, FRCPC

Session 8

- MR Bone Tumors: Principles of Diagnosis and Treatment
John A. Abraham, M.D., FACS
- MR, US Imaging of Neural Impingement
Mark Cresswell, MBBCh, BSc (Hon), FRCR, FRCPC
- MR Soft Tissue Tumors:
Principles of Diagnosis and Treatment
John A. Abraham, M.D., FACS

Session 9

- MR Post-op MRI/Surgical Correlation:
What the Surgeon Wants to Know
John A. Abraham, M.D., FACS
- MR MRI of Bone Marrow
Tetyana Gorbachova, M.D.
- MR MRI Evaluation of Total Hip Arthroplasty
Lawrence M. White, M.D., FRCPC

Session 10

- MR Athletic Pubalgia and Core Injury
Adam C. Zoga, M.D.
- MR CAM Femoroacetabular Impingement:
What Is It and How Should We Assess It?
Lawrence M. White, M.D., FRCPC
- MR Hip: Periarticular Pathology
Adam C. Zoga, M.D., M.B.A.
- MR Spine MRI: MSK Perspective
William B. Morrison, M.D., FACR

A CME Teaching Activity

2021 Musculoskeletal Imaging in Clinical Practice

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