# A CME Teaching Activity 2020 Musculoskeletal Imaging In Clinical Practice

## Release Date: August 1, 2020 | 16.25 AMA PRA Category 1 Credit(s)™

#### About This CME Teaching Activity

Musculoskeletal Imaging in Clinical Practice is a review of clinical applications concerning the diagnosis, treatment and management of the musculoskeletal disorders. Throughout the activity 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.

#### **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 16.25 *AMA PRA Category 1 Credit(s)*<sup>TM</sup>. 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)<sup>™</sup> for this activity may be claimed until July 31, 2023.

> 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:

- 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.

Associate Professor of Orthopedic Surgery and Radiation Oncology Director, Jefferson Musculoskeletal Oncology Center Kimmel Cancer Center Thomas Jefferson University Hospital Philadelphia, PA

#### Robert D. Boutin, M.D.

Chief of Musculoskeletal Imaging, Clinical Professor UC Davis Health System Sacramento, CA

#### Mark Cresswell, M.D.

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

#### William B. Morrison, M.D.

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

<b>IRI:</b> 16.25 Ho	Ultrasound (US): 2.0 Hours	<b>CT:</b> 1.0 Hours	
Session 1		Session 4	
MRI	Imaging the Knee Menisci: Tricks and Tips <i>William B. Morrison, M.D.</i>	MRI	MRI of Shoulder Instability Lawrence M. White, M.D., FRCPC
MRI	Muscle Injury in the High Performance Athlete Lawrence M. White, M.D., FRCPC	MRI	Shoulder Impingement and the Rotator Cuff New Concepts
MRI/US Session 2	Imaging Neural Impingement Mark Cresswell, M.D.	MRI	Adam C. Zoga, M.D., M.B.A. How I Take a Case: Imaging the Post-Arthroscopy Shoulder Adam C. Zoga, M.D., M.B.A.
MRI	Sports-Specific Injuries Adam C. Zoga, M.D., M.B.A.	Session 5	
MRI	The Post-Op Meniscus Lawrence M. White, M.D., FRCPC	MRI	Athletic Pubalgia and Core Injury Adam C. Zoga, M.D., M.B.A.
MRI	Knee MRI: Case-Based Review Robert D. Boutin, M.D.	MRI	CAM Femoroacetabular Impingement: What Is It and How Should We Assess It? <i>Lawrence M. White, M.D., FRCPC</i>
MRI	How I Take a Case: Hot Topics in Knee MRI William B. Morrison, M.D.	MRI	Hip: Periarticular Pathology Adam C. Zoga, M.D., M.B.A.
Session 3		MRI	Imaging the Brachial Plexus Mark Cresswell, M.D.
MRI	Imaging Pearls I Would Like to Tell My Younger Self Mark Cresswell, M.D.	Session 6	
MRI/US/CT	Imaging the Throwing Athlete Adam C. Zoga, M.D., M.B.A.	MRI	Elbow: MRI Case-Based Review Robert D. Boutin, M.D.
MRI	MRI in the Arthropathies William B. Morrison, M.D.	MRI/US	Ultrasound/MRI Correlation Mark Cresswell, M.D.
	" manun D. 1110/150/6 11.D.	MRI	Optimization of Musculoskeletal MRI William B. Morrison, M.D.

## Program

### Session 7

MRI/CT/US	MRI/Surgical Correlation Pt. 1 John A. Abraham, M.D.
MRI/US	Wrist Imaging: Location, Location, Location <i>Mark Cresswell, M.D.</i>
MRI	MRI Evaluation of Total Hip Arthroplasties Lawrence M. White, M.D., FRCPC
Session 8	
MRI	MRI/Surgical Correlation Part 2 John A. Abraham, M.D.
MRI	Pre and Post-Op Hip: MRI Case-Based Review <i>Robert D. Boutin, M.D.</i>
MRI	How I Take a Case: Hot Topics Elbow and Wrist MRI <i>William B. Morrison, M.D.</i>

#### Session 9

MRI	Ankle MRI: The Essentials William B. Morrison, M.D.
MRI	Soft Tissue Tumors: Principles of Diagnosis and Treatment <i>John A. Abraham, M.D.</i>
MRI	MSK Hot Topics Robert D. Boutin, M.D.
MRI	Spine MRI: MSK Perspective William B. Morrison, M.D.
Session 10	
MRI	Bone Tumors: Principles of Diagnosis and Treatment

	John A. Abraham, M.D.
MRI	Orthopedic Interposition Injuries: You Only See What You Look For <i>Robert D. Boutin, M.D.</i>

- MRI MRI of the Diabetic Foot William B. Morrison, M.D.
- MRI How I Take a Case: Hot Topics Ankle MRI William B. Morrison, M.D.

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