

# Magnetic Resonance Imaging 2020: National Symposium

September 29 – October 2, 2020 • Wynn® Las Vegas • Las Vegas, Nevada

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## ABOUT THE MEETING

This symposium offers a practical teaching course for those who order, perform or interpret magnetic resonance imaging studies. The program is organized in such a way to allow registrants to attend all or just a portion of the meeting. Three focused segments provide a comprehensive yet practical review and update on the clinical applications of MRI. The meeting begins by focusing on the head and spine, moves into the musculoskeletal system and concludes with cardiovascular and body applications.

## TARGET AUDIENCE

This CME activity is designed to educate diagnostic imaging physicians who supervise and interpret MRI/MRA studies. It 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 MRI exams. Technologists performing these types of imaging exams should also gain benefit from this symposium.

## 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 live activity for a maximum of 28.75 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Technologists:** This program has been submitted to the ASRT. The number of A CE credits will be available approximately 30 days prior to the meeting. Please visit [www.edusymp.com](http://www.edusymp.com) or call (813) 806-1000 regarding the availability of Category A CE credit.

**Self-Assessment Modules (SAMs):** Educational Symposia has been granted Deemed Status by the American Board of Radiology (ABR). This allows Educational Symposia to develop and implement SAMs that satisfy ABR Part II MOC requirements.

## EDUCATIONAL OBJECTIVES

Attendees should, at the completion of this course, be able to:

- Discuss the expanding role of MR in medical imaging.
- Implement state-of-the-art MR protocols.
- Describe the principles and general applications of perfusion and diffusion imaging techniques.
- Utilize MRI to evaluate neurological, musculoskeletal, body and breast pathology.
- Optimize MR protocols and techniques.

*No special educational preparation is required for this CME activity.*

## REGISTRATION & CANCELLATION INFORMATION

**Early registration is strongly suggested as capacity may be limited.** We will accept registrations on a first-come basis due to possible restriction on the number of registrants able to attend this course in person. Should you register to attend the meeting in-person and the meeting is not able to proceed as a live event, you will have the option to participate in the virtual meeting, receive a tuition credit, or a full refund.

## Wynn Las Vegas

### SPACE IS LIMITED - RESERVE TODAY

Visit [www.edusymp.com](http://www.edusymp.com) and search **NS20** to visit the accommodations page for additional hotel information.

Call Wynn Las Vegas for Reservations at: (866) 770-7555 and provide **Group Code: 8MRI0920** to receive the group discount. Online booking link will be provided on [www.edusymp.com](http://www.edusymp.com).

**Deluxe Resort Guestroom ..... \$249/nt.**  
Each additional person over two is \$50.00 per night.

**ROOM PREFERENCE:** King/Two Doubles (Charge of \$30 per room/night two double beds) upon availability.

Group room rates may be available three (3) days prior and after meeting, subject to availability and confirmation by the hotel.

**CUT-OFF DATE:** August 28, 2020, 5:00 PM, PST  
(group rates 3 days prior/post – space available basis)

**HOTEL TAX:** 13.38%

**DAILY RESORT FEE:** \$39 plus 13.38% tax

**DEPOSIT POLICY:** Credit cards will be charged first night room and tax charges at time of reservation.

**CANCELLATION POLICY:** All cancellations, arrival and departure date changes must be made 72 hours or more prior to scheduled arrival date/time to avoid penalties. Check in time is: 3:00 PM; check out time is: 12:00 PM.

**HOTEL:** 3131 Las Vegas Blvd, South  
Las Vegas, Nevada 89109

**PH:** (702) 770-7000

## FACULTY

Program Co-Directors:  
**Blake A. Johnson, M.D., FACR**  
**Russell N. Low, M.D.**  
**John D. Reeder, M.D., FACR**

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*Professor of Radiology  
Feinberg School of Medicine, Northwestern University  
Chairman of Radiology  
NorthShore University Health System*

**John F. Feller, M.D.**  
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Mayo Clinic College of Medicine*

**Garry E. Gold, M.D.**  
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Courtesy Professor Biomechanics and Orthopaedic Surgery  
Vice Chair for Research and Organization  
Department of Radiology  
Stanford University Medical Center*

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Center for Diagnostic Imaging*

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Sharp and Children's MRI Center*

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**Courtney C. Moreno, M.D.**  
*Associate Professor of Radiology  
Emory University School of Medicine*

**Colleen H. Neal, M.D.**  
*Director, Division of Breast Imaging  
Clinical Associate Professor  
Department of Radiology  
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*Consultant, Mayo Clinic Arizona  
Neuroradiology Division  
Department of Radiology  
Professor of Radiology, Mayo Clinic College of Medicine  
Editor-in-Chief, American Journal of Neuroradiology*

**Lawrence N. Tanenbaum, M.D., FACR**  
*Vice President and Chief Technology Officer  
Director of CT, MR and Advanced Imaging  
Medical Director East Region  
RadNet, Inc.*

**SCIENTIFIC SPONSOR:** Educational Symposia

**COURSE ORGANIZATION:** This program is planned and organized by Educational Symposia, a leader in continuing medical education since 1975.

**ACKNOWLEDGEMENT:** Educational Symposia appreciates our corporate supporters and exhibitors. A list of industry supporters will be provided and acknowledged at the meeting.

## PROGRAM

### Tuesday, September 29, 2020

#### 7:00 – 8:00 AM Continental Breakfast for Registrants

#### 7:00 – 8:00 Registration, Including MRI of the Head and Spine

##### Moderator Head & Spine:

Blake A. Johnson, M.D., FACP

8:00 – 8:40 AI in Healthcare  
Lawrence N. Tanenbaum, M.D., FACP

8:40 – 9:20 Imaging Evaluation of Head and Neck Pathology  
Blake A. Johnson, M.D., FACP

9:20 – 10:00 Imaging of Neurodegenerative Disorders  
Wende N. Gibbs, M.D., MA

10:00 – 10:15 Question and Answer Session  
Faculty

#### 10:15 – 10:30 Coffee Break for Registrants

#### SAM SESSION

10:30 – 11:00 Imaging in Headache  
Jeffrey S. Ross, M.D.

11:00 – 11:30 The Perineural Highway: MR Imaging of the Skull Base Foramina and Cranial Nerves  
Marin A. McDonald, M.D. Ph.D.

11:30 – 12:20 PM MR of Skull Base Tumors  
Blake A. Johnson, M.D., FACP

12:20 – 12:30 Question and Answer Session  
Faculty

#### 12:30 – 1:30 Lunch on Your Own

1:30 – 2:00 MR Contrast Agents Safety Update  
Lawrence N. Tanenbaum, M.D., FACP

2:00 – 2:30 Differential Diagnosis of Basal Ganglia Abnormalities  
Blake A. Johnson, M.D., FACP

2:30 – 3:00 Advanced MR Imaging of the Anterior Skull Base  
Marin A. McDonald, M.D. Ph.D.

3:00 – 3:15 Question and Answer Session  
Faculty

#### 3:15 – 3:30 Coffee Break for Registrants

3:30 – 4:00 Quality, Efficiency and Survival with Patient Centric Imaging  
Lawrence N. Tanenbaum, M.D., FACP

4:00 – 4:30 White Matter Diseases  
Jeffrey S. Ross, M.D.

4:30 – 5:00 What's Up Your Nose? Complimentary Role of MR and CT in the Evaluation of Sinonasal Malignancy  
Marin A. McDonald, M.D., Ph.D.

5:00 – 5:15 Question and Answer Session  
Faculty

#### 5:15 End of Session

### Wednesday, September 30, 2020

#### 7:00 – 8:00 AM Continental Breakfast for Registrants

#### 7:00 – 8:00 Registration for Musculoskeletal MRI

8:00 – 8:30 Advanced Imaging of the Spine  
Lawrence N. Tanenbaum, M.D., FACP

8:30 – 9:00 Spontaneous Intracranial Hypotension: Diagnosis and Treatment of Spinal Leaks  
Jeffrey S. Ross, M.D.

### Wednesday, September 30, 2020 (continued)

9:00 – 9:30 Spine Infections and Mimics  
Wende N. Gibbs, M.D., MA

9:30 – 10:00 Spine Tumors: Intradural  
Jeffrey S. Ross, M.D.

#### 10:00 – 10:15 Coffee Break for Registrants

10:15 – 10:45 Spine Emergencies  
Wende N. Gibbs, M.D., MA

10:45 – 11:15 Cervical Spine Trauma  
John F. Feller, M.D.

#### 11:15 – 11:30 Coffee Break for Registrants

#### 11:15 MRI of Head & Spine - End of Session

11:30 – 12:00 PM Vendor Forum ♦

#### 12:00 – 1:00 Lunch on Your Own

##### Moderator MSK:

John D. Reeder, M.D., FACP

1:00 – 1:40 Musculoskeletal MRI: Technical Considerations  
Garry E. Gold, M.D.

1:40 – 2:20 MRI of the Knee: Update  
John F. Feller, M.D.

2:20 – 3:10 MRI of the Knee: Menisci and Cartilage  
Garry E. Gold, M.D.

#### 3:10 – 3:20 Coffee Break for Registrants

3:20 – 3:50 MRI of the Ankle Update  
John F. Feller, M.D.

#### SAM SESSION

3:50 – 4:20 MRI of the Hip: Labrum and Femoroacetabular Impingement  
Garry E. Gold, M.D.

4:20 – 4:50 MRI Following Total Hip Replacement  
John F. Feller, M.D.

4:50 – 5:00 Question and Answer Session  
Faculty

#### 5:00 End of Session

### Thursday, October 1, 2020

#### 7:30 – 8:00 AM Continental Breakfast for Registrants

8:00 – 8:30 Instability of the Glenohumeral Joint  
Donald L. Resnick, M.D.

8:30 – 9:00 MRI of the Shoulder: Cysts and Fluid Collections  
John D. Reeder, M.D.

9:00 – 9:30 Superior Labrum of the Glenohumeral Joint: Normal Variants Versus SLAP Lesions  
Donald L. Resnick, M.D.

9:30 – 10:00 Sports Injuries of the Elbow  
John D. Reeder, M.D.

10:00 – 10:15 Question and Answer Session  
Faculty

#### 10:15 – 10:30 Coffee Break for Registrants

10:30 – 11:00 Sports Injuries of the Wrist  
John D. Reeder, M.D.

11:00 – 11:30 Articular Disorders of Synovium Lined Joints: Role of MR Imaging  
Donald L. Resnick, M.D.

11:30 – 12:00 PM MRI of Osseous and Soft Tissue Neoplasm: Imaging Pitfalls  
John D. Reeder, M.D.

12:00 – 12:15 Question and Answer Session  
Faculty

### Thursday, October 1, 2020 (continued)

#### 12:15 Musculoskeletal MRI - End of Session

#### 12:15 – 1:30 Lunch on Your Own

#### 12:15 – 1:30 Registration Body & Heart Session

Body & Heart Moderator:  
Russell N. Low, M.D.

#### SAM SESSION

1:30 – 2:10 Primary and Metastatic Liver Tumors: Monitoring Treatment with MRI  
Russell N. Low, M.D.

2:10 – 2:50 MRCP and Imaging of Biliary Disease  
Courtney C. Moreno, M.D.

2:50 – 3:30 Advanced Imaging Techniques for the Body: Pearls and Pitfalls  
Robert R. Edelman, M.D.

3:30 – 3:45 Question and Answer Session  
Faculty

#### 3:45 – 4:00 Coffee Break for Registrants

4:00 – 4:30 Auditing Your Breast MRI Practice  
Colleen H. Neal, M.D.

4:30 – 5:15 MRI of the Gastrointestinal Tract  
Russell N. Low, M.D.

5:15 – 5:30 Question and Answer Session  
Faculty

#### 5:30 End of Session

### Friday, October 2, 2020

#### 7:30 – 8:00 AM Continental Breakfast for Registrants

8:00 – 8:40 MR Staging of Rectal Cancer  
Courtney C. Moreno, M.D.

8:40 – 9:10 Cardiac MRI  
Robert R. Edelman, M.D.

9:10 – 9:45 MRI Evaluation of the Augmented and Postsurgical Breast  
Colleen H. Neal, M.D.

9:45 – 10:00 Question and Answer Session  
Faculty

#### 10:00 – 10:15 Coffee Break for Registrants

10:15 – 10:55 MR Screening for Hepatocellular Carcinoma  
Courtney C. Moreno, M.D.

10:55 – 11:40 MRI of the Acute Abdomen  
Russell N. Low, M.D.

11:40 – 12:15 PM Breast MRI Challenging Cases  
Colleen H. Neal, M.D.

12:15 – 12:30 Question and Answer Session  
Faculty

#### 12:30 – 1:30 Lunch on Your Own

1:30 – 2:10 MR Angiography With and Without Contrast Agents  
Robert R. Edelman, M.D.

2:10 – 2:50 Malignant Uterine and Adnexal Masses: Staging and Management  
Russell N. Low, M.D.

2:50 – 3:20 Unusual Body MRI Cases  
Robert R. Edelman, M.D.

3:20 – 3:30 Question and Answer Session  
Faculty

#### 3:30 End of Program

♦ Not accredited for AMA PRA Category 1 Credit(s)<sup>TM</sup>  
Faculty & topics subject to change.

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37<sup>th</sup> Annual

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early registration is strongly suggested.

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	<b>MUSCULOSKELETAL MRI</b> (September 30 - October 1, 2020)	<input type="checkbox"/> <b>\$595</b>		<input type="checkbox"/> <b>\$595</b>
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