

Magnetic Resonance Imaging 2021: National Symposium

October 4 – 8, 2021 • Encore at 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 32.75 *AMA PRA Category 1 Credit(s)*TM. 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 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.

SCIENTIFIC SPONSOR: Educational Symposia

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

ACKNOWLEDGMENT:

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

CANCELLATIONS

Cancellations must be received in writing by sending an e-mail to cancel@edusymp.com. There is a \$50 processing fee applied to all cancellations. Cancellations made in writing prior to **September 2, 2021** will be issued a refund for the amount of tuition paid less the \$50 processing fee. No refunds will be made on or after **September 2, 2021**.

REGISTRATION INFORMATION

Tuition for live conference includes all course materials, an electronic color course syllabus (printed color syllabus available for \$95, advanced purchase only), daily continental breakfasts and coffee breaks. Early registration is strongly suggested. There will be a \$100 surcharge for anyone registering after **September 23, 2021**. Minimum and maximum attendance levels have been established for this meeting. If your registration cannot be accepted, you will be issued a full tuition refund.

Tuition for live webcast includes participation for one registrant. Each registrant must sign-in on a separate computer to receive credit. Prior to the meeting we will send you further information about the log in process. We will also send you an electronic color course syllabus via email. If you have any questions or issues logging into the meeting we will have support personnel available at (813) 806-1000. There will be a \$100 surcharge for anyone registering after **September 23, 2021**.

DISCLAIMER: Educational Symposia (ESI) as planner and presenter of this meeting, and Professional Travel as the official travel agency for this meeting, claim no liability for the acts of any suppliers or the safety of any attendees while in transit to, from, or during this event or any optional activities. The total amount of liability, if any, for the meeting organizers is limited to a refund of the registration fee, and Professional Travel's responsibility is limited to that of an agent.

ADA COMPLIANCE: Educational Symposia wishes to ensure that no individual with a disability is excluded, denied services, segregated or otherwise treated differently from other individuals because of the absence of auxiliary aids and services. If you need any auxiliary aids or services identified in the Americans with Disabilities Act, please contact our office at (813) 806-1000.

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Visit edusymp.com and search **NS21** to visit the accommodations page for additional hotel information and to book online or call (866) 770-7555 and provide **Group Code: 6MRI1021** to receive the group discount.

Group Room Rates Start at \$225/nt.

HOTEL CUT-OFF DATE: September 3, 2021

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

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

CANCELLATION POLICY: All cancellations, arrival and departure date changes must be made 72 hours prior to arrival to avoid penalties. Any guest that cancels a reservation after such time will have a charge of one night's room and tax applied to their account. Early departure fee is one night room plus tax. Check in time is: 3:00 PM; check out is 12:00 Noon.

FACULTY

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PROGRAM

Monday, October 4, 2021

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

7:00 – 8:00 Continental Breakfast for Registrants

Moderator Head & Spine:

Lawrence N. Tanenbaum, M.D., FACR

8:00 – 8:40

AI in Neuroimaging
Lawrence N. Tanenbaum, M.D., FACR

8:40 – 9:20

Imaging Cranial Nerves I – VI
Blake A. Johnson, M.D., FACR

9:20 – 9:50

Advanced Brain Tumor Imaging
Kambiz Nael, M.D.

9:50 – 10:00

Question and Answer Session
Faculty

10:00 – 10:15

Coffee Break for Registrants

10:15 – 10:55

Acute Stroke Imaging and Therapy:
Neuroradiology in the Leadership Role
Allen L. Brook, M.D., FSIR

SAM Session

10:55 – 11:25

Dementia Imaging
Suzie Bash, M.D.

11:25 – 12:00 PM

Artificial Intelligence for Acute Stroke Imaging
Kambiz Nael, M.D.

12:00 – 12:15

Question and Answer Session
Faculty

12:15 – 1:30

Lunch On Your Own

1:30 – 2:20

Contrast Safety: Brain Deposition and Other Issues
Lawrence N. Tanenbaum, M.D., FACR

2:20 – 3:10

Imaging Cranial Nerves VII - XII
Blake A. Johnson, M.D., FACR

3:10 – 3:45

Intracranial Vessel Wall Imaging
Kambiz Nael, M.D.

3:45 – 4:00

Question and Answer Session
Faculty

4:00

End of Session

TUESDAY, October 5, 2021

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

8:00 – 8:40

AI in Image Reconstruction
Lawrence N. Tanenbaum, M.D., FACR

8:40 – 9:20

Imaging Evaluation of CNS Infections
Blake A. Johnson, M.D., FACR

9:20 – 9:50

PET/MRI in Clinical Neuroradiology Practice
Suzie Bash, M.D.

9:50 – 10:00

Question and Answer Session
Faculty

10:00 – 10:15

Coffee Break for Registrants

10:15 – 11:00

Diagnostic Pitfalls in Neuroradiology
Blake A. Johnson, M.D., FACR

11:00 – 11:30

AI in Quantitative Neuroimaging
Suzie Bash, M.D.

11:30 – 11:45

Question and Answer Session
Faculty

11:45 – 1:30 PM

Lunch On Your Own

11:45 – 1:30 PM

Registration for Musculoskeletal MRI

1:30 – 2:10

Optimized Imaging of the Instrumented Spine
Lawrence N. Tanenbaum, M.D., FACR

2:10 – 2:50

Spinal Compartments and Pathology
Allen L. Brook, M.D., FACR

2:50 – 3:30

Pattern Approach to Imaging of Cervical Spine Trauma
Mini N. Pathria, M.D.

3:30 – 3:45

Question and Answer Session
Faculty

3:45

End of Session

Wednesday, October 6, 2021**7:30 – 8:00 AM Continental Breakfast for Registrants**

- 8:00 – 8:40 Spinal Degenerative Disease and Nomenclature
Allen L. Brook, M.D., FSIR
- 8:40 – 9:20 Spinal Trauma - Thoracolumbar Injury
Mini N. Pathria, M.D.
- 9:20 – 9:50 Image Guided Spine Intervention
Adam C. Zoga, M.D., MBA
- 9:50 – 10:00 Question and Answer Session
Faculty

10:00 – 10:15 Coffee Break for Registrants

- 10:15 – 10:45 MRI of the Painful Hip
John D. Reeder, M.D., FACR
- 10:45 – 11:15 MRI Following Total Hip Replacement
John F. Feller, M.D.
- 11:15 – 11:45 Bone Marrow: Abnormal Patterns
Geoffrey M. Riley, M.D.
- 11:45 – 12:15 PM MRI of the Ankle Tendons
Mini N. Pathria, M.D.
- 12:15 – 12:30 Question and Answer Session
Faculty

12:30 MRI of the Head and Spine - End of Session**12:30 – 1:30 Lunch On Your Own****Moderator MSK:***John Reeder, M.D., FACR*

- 1:30 – 2:00 Digital MRI: Fingers and Toes
John F. Feller, M.D.
- 2:00 – 2:30 MRI of the Elbow: Imaging Protocol and Anatomy
John D. Reeder, M.D., FACR
- 2:30 – 3:00 MRI of Anatomic Variants
Geoffrey M. Riley, M.D.
- 3:00 – 3:30 MRI of the Knee: Focus on Anterior Knee Pain
Mini N. Pathria, M.D.
- 3:30 – 3:45 Question and Answer Session
Faculty
- 3:45 End of Session**

Thursday, October 7, 2021**7:30 – 8:00 AM Continental Breakfast for Registrants**

- 8:00 – 8:30 Cruciate and Collateral Ligament Injury
Adam C. Zoga, M.D., MBA
- 8:30 – 9:00 MRI of the Knee: Pitfalls
John D. Reeder, M.D., FACR

SAM Session

- 9:00 – 9:30 Shoulder MRI: Updates
Geoffrey M. Riley, M.D.
- 9:30 – 10:00 Imaging the Throwing Athlete
Adam C. Zoga, M.D.
- 10:00 – 10:15 Question and Answer Session
Faculty

10:15 – 10:30 Coffee Break for Registrants

- 10:30 – 11:00 MR Arthrography Update
John F. Feller, M.D.
- 11:00 – 11:30 Soft Tissue Tumors: What To Report
Geoffrey M. Riley, M.D.
- 11:30 – 12:00 PM AI in MSK Imaging
Adam C. Zoga, M.D., MBA
- 12:00 – 12:15 Question and Answer Session
Faculty

12:15 Musculoskeletal MRI - End of Session**12:15 – 1:30 Lunch on Your Own****Thursday, October 7, 2021****12:15 – 1:30 Registration MRI of the Body and Heart Session****Moderator Body & Heart:***Scott Flamm, M.D., M.B.A.*

- 1:30 – 2:05 Practical Cardiac MRI: Left Ventricular and Valvular Function
Scott D. Flamm, M.D., M.B.A.

SAM Session

- 2:05 – 2:40 MR Screening for Hepatocellular Carcinoma
Courtney C. Moreno, M.D.
- 2:40 – 3:15 Primary and Metastatic Liver Tumors: Monitoring Treatment with MRI
Russell N. Low, M.D.

3:15 – 3:30 Coffee Break for Registrants

- 3:30 – 4:00 MRI in Locoregional Staging of Breast Cancer
Jessica W.T. Leung, M.D., FACR
- 4:00 – 4:30 MRCP and Imaging Biliary Disease
Courtney C. Moreno, M.D.
- 4:30 – 5:00 Fast Abdominal MR Imaging: Tips for Efficient Body MRI
Russell N. Low, M.D.
- 5:00 – 5:15 Question and Answer Session
Faculty

5:15 End of Session**Friday, October 8, 2021****7:30 – 8:00 AM Continental Breakfast for Registrants**

- 8:00 – 8:40 MRI/MRA in Congenital Heart Disease
Scott D. Flamm, M.D., M.B.A.
- 8:40 – 9:20 MRI in the Assessment of Neoadjuvant Breast Cancer Treatment
Jessica W.T. Leung, M.D., FACR
- 9:20 – 10:00 MRI of Prostate Cancer
Russell N. Low, M.D.
- 10:00 – 10:15 Question and Answer Session
Faculty
- 10:15 – 10:30 Coffee Break for Registrants**
- 10:30 – 11:10 Practical Cardiac MRI: Viability Imaging as a Workhorse
Scott D. Flamm, M.D., M.B.A.
- 11:10 – 11:50 MRI Staging of Rectal Cancer
Courtney C. Moreno, M.D.

- 11:50 – 12:00 PM Question and Answer Session
Faculty

12:00 – 1:30 Lunch On Your Own

- 1:30 – 2:10 Problem Solving Breast MRI
Jessica W.T. Leung, M.D., FACR
- 2:10 – 2:50 Clinical Problem Solving with Body MRI
Russell N. Low, M.D.
- 2:50 – 3:30 MRI of the Pancreas
Courtney C. Moreno, M.D.
- 3:30 – 4:00 MRI/MRA of Thoracic aortic Disease
Scott D. Flamm, M.D., M.B.A.
- 4:00 – 4:15 Question and Answer Session
Faculty
- 4:15 MRI of the Body and Heart - End of Session**
- 4:15 End of Course**

Meeting Registration Form:

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October 4 - 6, 2021

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MRI
October 5 - 6, 2021

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BODY AND HEART
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