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36th Annual

Magnetic Resonance Imaging 2019:

National Symposium

SAM Sessions are Available at this Meeting

APRIL 23 - 27, 2019

Wynn® Las Vegas
Las Vegas, Nevada

27.0 AMA PRA Category 1 Credit(s)TM

INCLUDING 3 MAJOR SYMPOSIA

- **MRI of the Head & Spine** • April 23-25, 2019
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- **Musculoskeletal MRI** • April 24-26, 2019
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- **MRI of the Body & Heart** • April 26-27, 2019
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ESI Educational
Symposia



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. New this year is a focused session on Artificial Intelligence and Cultural Change in Diagnostic Imaging. This special session is designed to help you improve your practice and the overall patient experience.

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.

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 live activity for a maximum of 27.0 *AMA PRA Category 1 Credit(s)*[™]. 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 MRI in medical imaging.
- Implement state-of-the-art MRI protocols.
- Utilize MRI to evaluate neurological, musculoskeletal, body and breast pathology.
- Optimize MRI protocols and techniques.

No special educational preparation is required for this CME activity.

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.

CANCELLATIONS

Cancellations must be received in writing. A \$50 processing fee will be applied to all cancellations. Refunds requested in writing prior to March 22, 2019 will be issued for the amount of tuition paid less the \$50 processing fee. No refunds will be made on or after that date.

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 **April 12, 2019**. 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 problems logging into the meeting we will have support personnel available at (800) 338-5901. There will be a \$100 surcharge for anyone registering after **April 12, 2019**.

Please note: A minimum number of registrants is required to live webcast this course. If the minimum number is not met by **March 22, 2019** the live webcast activity may be cancelled and a full refund issued.

WEBCAST REQUIREMENTS

Visit the Help Center at www.edusymp.com/site/help to review the computer and internet requirements for viewing live webcast meetings.

4 EASY WAYS TO REGISTER

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Tampa, Florida 33634-4490

FAX
(813) 806-1001

PHONE
(813) 806-1000

Reduce your mail clutter or just add email announcements. Please visit the "Mailing List" section of our website at www.edusymp.com.

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.



Special Note for the Disabled: 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.

FACULTY

Program Co-Directors:

Scott D. Flamm, M.D., M.B.A.

John D. Reeder, M.D., FACR

Lawrence N. Tanenbaum, M.D., FACR

John V. Crues, III, M.D.

*Medical and MRI Fellowship Director
RadNet, Inc.*

*Board, Nulogix
Los Angeles, CA*

Scott D. Flamm, M.D., M.B.A.

*Professor of Radiology
Cleveland Clinic Lerner College of Medicine of Case
Western Reserve University*

*Head, Cardiovascular Imaging
Imaging, and Heart & Vascular Institutes Cleveland Clinic
Cleveland, OH*

Wende N. Gibbs, M.D., M.A.

*Assistant Professor, Neuroradiology
Director of Spine Imaging and Intervention
University of Southern California, Keck School of Medicine
Los Angeles, CA*

John L. Go, M.D., FACR

*Director of Head and Neck Imaging
Keck School of Medicine
University of Southern California
Los Angeles, CA*

Charles P. Ho, M.D., Ph.D.

*Professor of Radiology
University of Colorado School of Medicine
Denver, CO
Director of Imaging Research
Steadman Philippon Research Institute
Vail, CO*

Debra M. Ikeda, M.D.

*Director, Breast Imaging Section
Professor of Radiology
Department of Radiology
Stanford University School of Medicine
Palo Alto, CA*

Blake A. Johnson, M.D., FACR

*Medical Director
Center for Diagnostic Imaging
Minneapolis, MN*

Courtney C. Moreno, M.D.

*Associate Professor of Radiology
Emory University School of Medicine
Atlanta, GA*

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 R. Muroff, M.D., FACR

*CEO & President
Imaging Consultants, Inc.
Tampa, FL
Clinical Professor of Radiology
University of Florida and University of South Florida
Colleges of Medicine
Tampa, FL*

John D. Reeder, M.D., FACR

*Director of Imaging
Proscan Imaging Maryland
Columbia, MD*

Jeffrey S. Ross, M.D.

*Consultant, Mayo Clinic Arizona
Neuroradiology Division
Department of Radiology
Professor of Radiology, Mayo Clinic College of Medicine
Editor-in-Chief, American Journal of Neuroradiology
Phoenix, AZ*

Lawrence N. Tanenbaum, M.D., FACR

*Vice President and Medical Director East Region
Director of CT, MR and Advanced Imaging
RadNet, Inc.
New York, NY*

PROGRAM

TUESDAY, APRIL 23, 2019

12:00 – 1:00 PM Registration, Including MRI of the Head and Spine

Moderator: Lawrence N. Tanenbaum, M.D., FACR

- 1:00 – 1:40 MR Contrast Agents
Safety Update
Lawrence N. Tanenbaum, M.D., FACR
- 1:40 – 2:15 MR Imaging of Hydrocephalus
Wende N. Gibbs, M.D., M.A.
- 2:15 – 2:45 Intracranial Metastatic Disease
Blake A. Johnson, M.D., FACR
- 2:45 – 3:00 Question and Answer Session
Faculty
- 3:00 – 3:15 **Coffee Break for Registrants**
- 3:15 – 3:55 Patient Centric MR Imaging
Lawrence N. Tanenbaum, M.D., FACR
- 3:55 – 4:25 Imaging in Headache
Jeffrey S. Ross, M.D.
- 4:25 – 5:00 MR of Intracranial Hemorrhage
Blake A. Johnson, M.D., FACR
- 5:00 – 5:15 Question and Answer Session
Faculty

5:15 End of Session

WEDNESDAY, APRIL 24, 2019

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

- 8:00 – 8:40 Temporal Bone Anatomy
John L. Go, M.D., FACR
- 8:40 – 9:15 Imaging Evaluations of CNS Infections
Blake A. Johnson, M.D., FACR
- 9:15 – 9:50 Tumors of the Temporal Bone
John L. Go, M.D., FACR
- 9:50 – 10:00 Question and Answer Session
Faculty

10:00 – 10:15 Coffee Break for Registrants

- 10:15 – 10:40 White Matter Diseases
Jeffrey S. Ross, M.D.
- 10:40 – 11:15 Imaging of Neurodegenerative Disorders
Wende N. Gibbs, M.D., M.A.
- 11:15 – 11:45 Diagnostic Pitfalls in Neuroimaging
Blake A. Johnson, M.D., FACR
- 11:45 – 12:00 PM Question and Answer Session
Faculty

12:00 – 1:00 Lunch On Your Own

WEDNESDAY, APRIL 24, 2019 (Continued)

12:00 – 1:00 Registration for Musculoskeletal MRI

- 1:00 – 1:35 Cervical Vertebral Junction: The Basics and Congenital Anomalies
Jeffrey S. Ross, M.D.

SAM Session

- 1:35 – 2:10 Back Pain Imaging and Intervention
Wende N. Gibbs, M.D., M.A.
- 2:10 – 2:45 Vascular Spine Disease
Jeffrey S. Ross, M.D.
- 2:45 – 3:20 Inflammatory/Demyelinating Process of the Spinal Cord
John L. Go, M.D., FACR
- 3:20 – 3:30 Question and Answer Session
Faculty

3:30 End of Session

THURSDAY, APRIL 25, 2019

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

- 8:00 – 8:35 Spine Trauma
Wende N. Gibbs, M.D., M.A.
- 8:35 – 9:10 Spine Nomenclature for the Degenerative Spine
John L. Go, M.D., FACR
- 9:10 – 9:45 MRI of the Cervical Spine - MSK Perspective
William B. Morrison, M.D.
- 9:45 – 10:00 Question and Answer Session
Faculty

10:00 – 10:15 Coffee Break for Registrants

10:00 MRI of Head & Spine - End of Session

Non Accredited Session

- 10:15 – 11:00 Artificial Intelligence in Healthcare
Lawrence N. Tanenbaum, M.D., FACR
- 11:00 – 11:45 Culture Change a Necessity for Survival
Lawrence R. Muroff, M.D., FACR
- 11:45 – 12:15 PM Technology Updates from the Vendors
Vendors

12:15 – 1:30 Lunch On Your Own

Moderator: John D. Reeder, M.D., FACR

- 1:30 – 2:00 Update on MRI of the Knee
John V. Crues, III, M.D.
- 2:00 – 2:30 MRI of Knee Cartilage and Marrow
William B. Morrison, M.D.

THURSDAY, APRIL 25, 2019 (Continued)

- 2:30 – 3:00 MRI of the Knee: Pitfalls
John D. Reeder, M.D., FACR
- 3:00 – 3:15 Question and Answer Session
Faculty
- 3:15 – 3:30 Coffee Break for Registrants**
- 3:30 – 4:00 Imaging of Shoulder Instability
William B. Morrison, M.D.
- 4:00 – 4:30 Sports Injuries of the Shoulder
John D. Reeder, M.D., FACR
- 4:30 – 5:00 The Impact of MRI in Understanding Pathophysiology and Treatment of Musculoskeletal Diseases
John V. Crues, III, M.D.
- 5:00 – 5:15 Question and Answer Session
Faculty
- 5:15 End of Session**

FRIDAY, APRIL 26, 2019

- 7:30 – 8:00 AM Continental Breakfast for Registrants**
- 8:00 – 8:30 Approach to MRI of the Hip
William B. Morrison, M.D.
- 8:30 – 9:00 Experiences/Update in Sports MRI of the Hip
Charles P. Ho, M.D., Ph.D.
- 9:00 – 9:30 Sports Injuries of the Wrist
John D. Reeder, M.D., FACR
- 9:30 – 10:00 Experiences/Update in Sports MRI of the Ankle and Foot
Charles P. Ho, M.D., Ph.D.
- 10:00 – 10:15 Question and Answer Session
Faculty
- 10:15 – 10:30 Coffee Break for Registrants**
- 10:30 – 11:00 Experiences/Update in Sports MRI of the Elbow
Charles P. Ho, M.D., Ph.D.
- 11:00 – 11:30 Musculoskeletal Tumors: Imaging Pitfalls
John D. Reeder, M.D., FACR
- 11:30 – 12:00 PM MRI in Rheumatological Disorders
John V. Crues, III, M.D.
- 12:00 – 12:30 Quantitative MRI of Tissue Health
Charles P. Ho, M.D., Ph.D.
- 12:30 – 12:45 Question and Answer Session
Faculty

12:45 Musculoskeletal MRI - End of Session

12:45 – 1:45 Lunch on Your Own

FRIDAY, APRIL 26, 2019 (Continued)

- 12:45 – 1:45 Registration Body & Heart Session**
- Moderator: Scott D. Flamm, M.D., M.B.A.**
- 1:45 – 2:30 Practical Cardiac MRI: Left Ventricular and Valvular Function
Scott D. Flamm, M.D., M.B.A.
- 2:30 – 3:05 MR Screening for Hepatocellular Carcinoma
Courtney C. Moreno, M.D.
- 3:05 – 3:40 MRI in Ischemic Heart Disease: Myocardial Viability
Scott D. Flamm, M.D., M.B.A.
- 3:40 – 4:15 MR Evaluation of Biliary Disease
Courtney C. Moreno, M.D.
- 4:15 – 4:30 Question and Answer Session
Faculty
- 4:30 End of Session**

SATURDAY, APRIL 27, 2019

- 7:30 – 8:00 AM Continental Breakfast for Registrants**
- 8:00 – 8:40 MRI and Imaging of Augmented and Reconstructed Breast
Debra M. Ikeda, M.D.
- 8:40 – 9:20 MRI/MRA in Congenital Heart Disease
Scott D. Flamm, M.D., M.B.A.
- 9:20 – 10:00 MR Staging of Rectal Cancer
Courtney C. Moreno, M.D.
- 10:00 – 10:15 Question and Answer Session
Faculty
- 10:15 – 10:30 Coffee Break for Registrants**
- 10:30 – 11:05 MRI Guided Breast Biopsy
Debra M. Ikeda, M.D.

SAM Session

- 11:05 – 11:40 MRA of Thoracic Aortic Disease
Scott D. Flamm, M.D., M.B.A.
- 11:40 – 12:15 PM Imaging Correlation of MRI Findings
Debra M. Ikeda, M.D.
- 12:15 – 12:30 Question and Answer Session
Faculty

12:30 Body & Heart - End of Session

12:30 End of Course



SPACE IS LIMITED - RESERVE TODAY:

Visit edusymp.com and search **NS19** to visit the accommodations page for additional hotel information.

Call Reservations at: (866) 770-7555 and provide Group Code: **BESIO419** to receive the group discount.

Deluxe Resort Guestroom\$229/nt.
Each additional person over double occupancy is \$50.00 per night.

ROOM PREFERENCE: King/Two Doubles (Charge of \$30 per room per night for two doubles accommodations) upon availability.

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

HOTEL CUT-OFF DATE: May 22, 2019

HOTEL TAX: 13.38%

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

PHONE: (866) 237-7555

Meeting

Registration Form:

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REGISTER ONLINE:
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Attendance is limited; therefore, early registration is strongly suggested.

		TUITION: LIVE MEETING			TUITION: LIVE WEBCAST	
		On or Before 4/12/19	After 4/12/19		On or Before 4/12/19	After 4/12/19
<input type="checkbox"/> Physicians <input type="checkbox"/> Scientists <input type="checkbox"/> Company Personnel	ALL THREE SYMPOSIA (April 23 - 27, 2019)	<input type="checkbox"/> \$1,295	<input type="checkbox"/> \$1,395	<input type="checkbox"/> ADD Printed Color Syllabus \$95 Advanced Purchase Only	<input type="checkbox"/> \$1,295	<input type="checkbox"/> \$1,395
	MRI OF THE HEAD AND SPINE (April 23 - 25, 2019)	<input type="checkbox"/> \$850	<input type="checkbox"/> \$950		<input type="checkbox"/> \$850	<input type="checkbox"/> \$950
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	MRI OF THE BODY AND HEART (April 26 - 27, 2019)	<input type="checkbox"/> \$850	<input type="checkbox"/> \$950		<input type="checkbox"/> \$850	<input type="checkbox"/> \$950
<input type="checkbox"/> Full Time Military* <input type="checkbox"/> VA Physicians* <input type="checkbox"/> P.A./R.A. <input type="checkbox"/> Retired Physicians <input type="checkbox"/> Technologists	ALL THREE SYMPOSIA (April 23 - 27, 2019)	<input type="checkbox"/> \$895	<input type="checkbox"/> \$995	<input type="checkbox"/> ADD Printed Color Syllabus \$95 Advanced Purchase Only	<input type="checkbox"/> \$895	<input type="checkbox"/> \$995
	MRI OF THE HEAD AND SPINE (April 23 - 25, 2019)	<input type="checkbox"/> \$495	<input type="checkbox"/> \$595		<input type="checkbox"/> \$495	<input type="checkbox"/> \$595
	MUSCULOSKELETAL MRI (April 24 - 26, 2019)	<input type="checkbox"/> \$495	<input type="checkbox"/> \$595		<input type="checkbox"/> \$495	<input type="checkbox"/> \$595
	MRI OF THE BODY AND HEART (April 26 - 27, 2019)	<input type="checkbox"/> \$495	<input type="checkbox"/> \$595		<input type="checkbox"/> \$495	<input type="checkbox"/> \$595

*MUST ENCLOSE OR FAX LETTER FROM YOUR DIRECTOR CERTIFYING STATUS.

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