

30th Annual

Magnetic Resonance Imaging 2013:

National Symposium

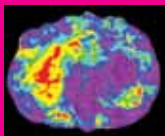


June 2 – 7, 2013

Encore at Wynn Las Vegas
Las Vegas, Nevada

38.75 AMA PRA Category 1 Credit(s)[™]

**INCLUDING 3
MAJOR SYMPOSIA**



MRI OF THE HEAD & SPINE

June 2 - 5, 2013 • 19 AMA PRA Category 1 Credit(s)[™]



MUSCULOSKELETAL MRI

June 4 - 6, 2013 • 15 AMA PRA Category 1 Credit(s)[™]



MRI OF THE BODY & HEART

June 5 - 7, 2013 • 22.5 AMA PRA Category 1 Credit(s)[™]

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.

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 38.75 *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 1-800-338-5901 regarding the availability of Category A CE credit.

Educational Objectives

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

- Discuss the expanding role of MR imaging in the evaluation of neurological disorders
- Implement state of the art MR angiography protocols
- Describe the principles of perfusion and diffusion imaging techniques
- Incorporate state of the art imaging protocols for assessment of the spine
- Utilize MRI to evaluate musculoskeletal and breast pathology
- Optimize MR protocols and techniques for assessment of the body and heart

No special educational preparation is required for this CME activity.

Faculty

PROGRAM DIRECTOR: William G. Bradley, Jr., M.D., Ph.D., FACR

Mark H. Awh, M.D.

President, Radsources
Brentwood, TN

William G. Bradley, Jr., M.D., Ph.D., FACR

Professor and Chairman
Department of Radiology
University of California, San Diego

John F. Feller, M.D.

Medical Director
Desert Medical Imaging
Indian Wells, CA
Assistant Clinical Professor of Radiology
Loma Linda University School of Medicine
Loma Linda, CA

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

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

Garry E. Gold, M.D.

Professor of Radiology
Courtesy Professor Bioengineering and Orthopaedic Surgery
Associate Chair of Research
Department of Radiology
Stanford University Medical Center
Stanford, CA

Blake A. Johnson, M.D., FACR

Medical Director
Center for Diagnostic Imaging
Minneapolis, MN

Meng Law, M.D., MBBS, FRACR

Professor of Radiology and Neurological Surgery
Director of Neuroradiology
University of Southern California, Keck School of Medicine
Los Angeles, CA

Russell N. Low, M.D.

Medical Director
Sharp and Children's MRI Center
San Diego, CA

Elizabeth A. Morris, M.D., FACR

Chief, Breast Imaging Service
Member, Memorial Sloan-Kettering Cancer Center
Professor of Radiology
Weill Cornell Medical College

Suresh K. Mukherji, M.D., FACR

Professor and Chief of Head & Neck Radiology
Professor of Radiology, Otolaryngology Head
Neck Surgery, Radiation Oncology and
Periodontics and Oral Medicine
University of Michigan Health System
University of Michigan Dental School

Vamsi R. Narra, M.D., FRCR

Professor of Radiology
Chief, Abdominal Imaging Section
Chief of Radiology BJWCH
Medical Director CCIR
Washington University School of Medicine
St. Louis, MO

John D. Reeder, M.D., FACR

Director of Imaging
Proscan Imaging Maryland
Columbia, MD

Jeffrey S. Ross, M.D.

Professor of Neuroradiology
Barrow Neurological Institute
St. Joseph's Hospital
Phoenix, AZ

Lawrence N. Tanenbaum, M.D., FACR

Director MRI, CT and Outpatient/Advanced Development
Mount Sinai School of Medicine
New York, NY

Faculty & topics subject to change.

If you receive more than one brochure,
please pass the extra along to a colleague.

Program

SUNDAY, JUNE 2, 2013

5:00 - 6:00 PM

Registration, Including MRI of the Head and Spine

MONDAY, JUNE 3, 2013

7:30 - 8:00 AM

Continental Breakfast for Registrants

8:00 New MR/MRA Imaging Techniques
Lawrence N. Tanenbaum, M.D., FACR

8:40 Intracranial Tumors and Tumor Mimics
Blake A. Johnson, M.D., FACR

9:20 MR of Acute Stroke
William G. Bradley, Jr., M.D., Ph.D., FACR

10:00 Question & Answer Session
Faculty

10:15 - 10:30

Coffee Break for Registrants

10:30 Tumoral MR Spectroscopy:
To Spect or Not to Spect
Meng Law, M.D., MBBS, FRACR

11:10 Advanced Imaging of CNS Neoplasms –
Characterization and Surveillance
Lawrence N. Tanenbaum, M.D., FACR

11:50 Temporal Bone Imaging; Modern Imaging
and Current Controversies
Suresh K. Mukherji, M.D., FACR

12:30 PM
Question & Answer Session
Faculty

12:45 - 1:45

Lunch Break - On Your Own

1:45 MR of the Brainstem
William G. Bradley, Jr., M.D., Ph.D., FACR

2:25 Intracranial Metastatic Disease
Blake A. Johnson, M.D., FACR

3:05 Advanced Imaging of CNS Neoplasms:
Preoperative Planning and Surveillance
Lawrence N. Tanenbaum, M.D., FACR

3:45 Question & Answer Session
Faculty

MONDAY, JUNE 3, 2013 (continued)

4:00 - 4:15

Coffee Break for Registrants

4:15 State of the Art Imaging of Epilepsy
Meng Law, M.D., MBBS, FRACR

4:55 Diagnostic Pitfalls in Neuroimaging
Blake A. Johnson, M.D., FACR

5:30 Question & Answer Session
Faculty

5:45 End of Session

TUESDAY, JUNE 4, 2013

7:30 - 8:00 AM

Continental Breakfast for Registrants

8:00 MR Contrast Agents: An Update
Lawrence N. Tanenbaum, M.D., FACR

8:40 MR of Intracranial Hemorrhage
Blake A. Johnson, M.D., FACR

9:20 Perfusion and Diffusion Imaging:
Beyond Stroke
William G. Bradley, Jr., M.D., Ph.D., FACR

10:00 Question & Answer Session
Faculty

10:15 - 10:30

Coffee Break for Registrants

10:30 Cranial Nerves
Suresh K. Mukherji, M.D., FACR

11:10 Imaging White Matter Disorders
Meng Law, M.D., MBBS, FRACR

11:50 Imaging of Common Cranial Neuropathies
Suresh K. Mukherji, M.D., FACR

12:30 PM
Question & Answer Session
Faculty

12:45 - 1:45

Registration for Musculoskeletal MRI

12:45 - 1:45

Lunch Break - On Your Own

1:45 Head and Neck Imaging in the
Immunocompromised Patient
Suresh K. Mukherji, M.D., FACR

TUESDAY, JUNE 4, 2013 (continued)

2:20 Degenerative Disk Disease:
Pathophysiology and Nomenclature
Jeffrey S. Ross, M.D.

3:00 Imaging of Cervical Spine Trauma
John F. Feller, M.D.

3:30 Question & Answer Session
Faculty

3:45 - 4:00

Coffee Break for Registrants

4:00 Advanced Imaging of the Spine
Meng Law, M.D., MBBS, FRACR

4:35 Spine Infection and Inflammation
Jeffrey S. Ross, M.D.

5:15 Question & Answer Session
Faculty

5:30 End of Session

WEDNESDAY, JUNE 5, 2013

7:30 - 8:00 AM

Registration for MRI of the Body & Heart

7:30 - 8:00

Continental Breakfast for Registrants

8:00 Postoperative Spine Imaging
Jeffrey S. Ross, M.D.

8:40 MRI of Bone Marrow
John F. Feller, M.D.

9:20 MRI Equipment: Present Capabilities;
Future Directions
(Not accredited for AMA/PRA Category 1 or
Category A CE credit)

10:15 - 10:45

Coffee Break for Registrants

10:45 MR over the Next Decade: Quo Vadis?
William G. Bradley, Jr., M.D., Ph.D., FACR

11:30 Case Based Spine Review
Jeffrey S. Ross, M.D.

12:00 PM
Question & Answer Session
Faculty

12:15 MRI of Head & Spine - End of Session

WEDNESDAY, JUNE 5, 2013 (continued)

12:15 - 1:15

Lunch Break - On Your Own

1:15 MR of the Shoulder: Rotator Cuff Disease
Mark H. Awh, M.D.

1:50 MR of the Shoulder: Instability
Garry E. Gold, M.D.

2:20 Sports Injuries of the Shoulder
John D. Reeder, M.D., FACR

3:00 Question & Answer Session
Faculty

3:15 - 3:30

Coffee Break for Registrants

3:30 Advanced MRI of Articular Cartilage
Garry E. Gold, M.D.

4:10 MRI of the Knee: Case Based
John F. Feller, M.D.

4:50 MRI of the Knee: Advanced Concepts
Mark H. Awh, M.D.

5:30 Question & Answer Session
Faculty

5:45 End of Session

THURSDAY, JUNE 6, 2013

7:30 - 8:00 AM

Continental Breakfast for Registrants

8:00 MRI Evaluation of Groin Pain in the Athlete
John D. Reeder, M.D., FACR

8:40 MRI of the Ankle
Garry E. Gold, M.D.

9:20 Digital MRI: Fingers and Toes
Mark H. Awh, M.D.

10:00 Question & Answer Session
Faculty

10:30 MRI of the Elbow
Mark H. Awh, M.D.

11:10 Sports Injuries of the Wrist: Golf and
Racquet Sports
John D. Reeder, M.D., FACR

11:50 MSK MRI: Technical Considerations
Garry E. Gold, M.D.

THURSDAY, JUNE 6, 2013 (continued)

12:30 PM
Question & Answer Session
Faculty

**12:45 Musculoskeletal MRI -
End of Session**

**12:45 - 1:45
Lunch Break - On Your Own**

1:45 MRI of Focal Hepatic Lesions
Vamsi R. Narra, M.D., FRCR

2:25 MRI of the Pancreas
Russell N. Low, M.D.

3:00 Practical Cardiac MRI: Left
Ventricular and Valvular Function
Scott D. Flamm, M.D., M.B.A.

3:30 Question & Answer Session
Faculty

**3:45 - 4:00
Coffee Break for Registrants**

4:00 MRI of the Biliary Tract
Vamsi R. Narra, M.D., FRCR

4:40 MRI of the Small and Large Bowel
Russell N. Low, M.D.

5:20 Question & Answer Session
Faculty

5:30 End of Session

FRIDAY, JUNE 7, 2013

**7:30 - 8:00 AM
Continental Breakfast for Registrants**

8:00 Renal and Adrenal MRI
Vamsi R. Narra, M.D., FRCR

8:40 Clinical Indications for Breast MRI
Elizabeth A. Morris, M.D., FACR

9:10 Practical Cardiac MRI: Viability
Imaging as a Workhorse
Scott D. Flamm, M.D., M.B.A.

9:50 Question & Answer Session
Faculty

**10:00 - 10:15
Coffee Break for Registrants**

FRIDAY, JUNE 7, 2013 (continued)

10:15 Whole Body Imaging, Oncology
and Beyond
Vamsi R. Narra, M.D., FRCR

10:55 MRI of Prostate Cancer
Russell N. Low, M.D.

11:35 DCIS and Invasive Carcinoma on MRI
Elizabeth A. Morris, M.D., FACR

12:15 PM
Question & Answer Session
Faculty

**12:30 - 1:30
Lunch Break - On Your Own**

1:30 Diffusion and Perfusion Abdominal MRI
Russell N. Low, M.D.

2:10 Incidental Enhancing Lesions on
Breast MRI
Elizabeth A. Morris, M.D., FACR

2:50 MRI of Thoracic Aorta Disease
Scott D. Flamm, M.D., M.B.A.

3:20 Question & Answer Session
Faculty

**3:30 - 3:45
Coffee Break**

3:45 MRI of Peripheral Vascular Disease
Scott D. Flamm, M.D., M.B.A.

4:15 Preoperative Staging of Breast Cancer
Using MRI
Elizabeth A. Morris, M.D., FACR

4:45 Question and Answer Session
Faculty

**5:00 MRI of the Body & Heart -
End of Session**

5:00 End of Course

Course Organization

This program is planned and organized by Educational Symposia, the leader in diagnostic imaging 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.

Registration Information

Tuition includes all course materials, including a comprehensive course syllabus, daily continental breakfasts and coffee breaks. Early registration is strongly suggested. There will be a \$50 surcharge for anyone registering after May 22, 2013. 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.

Cancellations must be received in writing. A \$50 processing fee will be applied to all cancellations. Refunds requested in writing prior to May 3, 2013 will be issued for the amount of tuition paid less the \$50 processing fee. No refunds will be made on or after that date.

4 EASY WAYS TO REGISTER

We Accept:



INTERNET

Register online using your credit card number at:

<https://www.edusymp.com>

**REGISTER ON OUR
SECURE WEBSITE!!**

MAIL your meeting registration form, along with your credit card number and signature or check payable to Educational Symposia, to:

Educational Symposia
5620 West Sligh Avenue
Tampa, Florida 33634-4490

FAX your meeting registration form to: (800) 344-0668 (toll-free, U.S. & Canada) or (813) 806-1001 (direct). Please include your MasterCard, VISA, NOVUS/Discover Card or American Express information, including a signature.

PHONE (800) 338-5901 (toll-free, U.S. & Canada) or (813) 806-1000 (direct). Please have your MasterCard, VISA, NOVUS/Discover Card or American Express information available.

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Disclaimer

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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 (800) 338-5901 or (813) 806-1000.

Accommodations



Encore offers all of the amenities and indulgences of Wynn Las Vegas plus a New array of accommodations, restaurants, shopping and leisure activities including amazing signature restaurants, multitude of designer boutiques, a European-inspired salon and spa and expansive pool areas.

Encore at Wynn Las Vegas pampers guests in an intimate atmosphere with 2,034 suites that offer style in a comfortable, residential feel. A refuge of sophisticated chic; the suites at Encore are a study in contrast and subtlety — simple in color, intricate in texture and layered in details. Spacious Resort Suites span 700 square feet and Tower Suites measure up to 5,800 square feet. Encore continues the Wynn tradition of creating extraordinary interiors that elevate the guest experience with thoughtful detailing, timeless design and impeccable services.

Make your reservation as soon as possible as our room block may sell out prior to the cut-off date of May 1, 2013. After this date, reservations will be accepted at the discretion of the hotel, on a space and rate available basis.

Identify yourself as a registrant of “**Magnetic Resonance Imaging National Symposium**” to qualify for special discounted group room rates. Rates cannot be changed at check-in or check-out for guests who fail to identify their affiliation at the time the reservation is made.

ACCOMMODATIONS

**CALL FOR RESERVATIONS: 866-770-7555
AND USE GROUP CODE: 6MRI0613**

BOOK ONLINE at: <https://resweb.passkey.com/go/MRINAT0613>

SPECIAL DISCOUNTED GROUP ROOM RATES:

\$189.00 + tax per night
Single/double occupancy

ROOM PREFERENCES:
King Bed Smoking
Two Queen Beds Non-smoking

Reservations must be made before May 1, 2013. Group room rates may be available three (3) days prior and after meeting, subject to availability and confirmation by the hotel. Please note that these rates do not reflect the current room tax of 12%. Each additional person over double occupancy is \$50.00 per night. Valet parking is complimentary. Rollaway is \$50 per night and only available with a king size bed in the room. **DEPOSIT:** Credit cards will be charged first nights room and tax charges at time of reservation. **CANCELLATIONS:** Refunds will be issued on reservations cancelled up to (48) hours prior to arrival date. Check in time is 3:00 p.m.; Check out time is 12:00 noon. Hotel address and phone number: 3121 Las Vegas Blvd, South, Las Vegas, Nevada 89109, (702) 770-8000.

30th Annual
**Magnetic
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National Symposium

Encore at Wynn Las Vegas
Las Vegas, Nevada

June 1-8, 2013

After May 1, 2013, request for room reservations will be on a space/rate available basis. Rates are based on single/double occupancy. To reserve your room using a credit card, you may call the hotel at 866-770-7555. Credit cards will be charged first night room and tax charges per suite at time of reservation. Remember to identify yourself as a registrant of the “Magnetic Resonance Imaging National Symposium” June 1-8, 2013, in order to qualify for the special discounted group room rate. Guests who confirm reservations with a credit card will have 48 hours prior to arrival (local hotel time) in which to cancel a reservation without penalty. The deposit is refundable if cancelled prior to this time. Any guest who fails to cancel a reservation prior to 48 hours or is a “no show” will be charged one night’s room plus tax. *Call Professional Travel (official travel agency) at (800) 237-7230 (toll free U.S. and Canada) or (813) 806-1050 (direct) if you have any questions or problems making your hotel reservations or prefer alternate accommodations.*

REGISTRATION FORM

REGISTER ONLINE: WWW.EDUSYMP.COM

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June 2 - 7, 2013

38.75 AMA PRA Category 1 Credit(s)TM

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

I Wish To Attend (Please check all that apply)

- All Three Symposia (June 2 - 7, 2013) Musculoskeletal MRI (June 4 - 6, 2013)
 MRI of the Head & Spine (June 2 - 5, 2013) MRI of the Body & Heart (June 5 - 7, 2013)

TUITION	Attend All Three at SPECIAL REDUCED RATE	Each Symposium
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Educational Symposia is pleased to offer
3 options to obtain the course syllabus:

**PLEASE CHOOSE
ONE:**

- Electronic Syllabus Both Electronic and Printed syllabus at an extra
cost of \$25.00
 Printed Syllabus

***REGISTER ONLINE AND SAVE: Save \$20 by providing the Brochure Code: 8W**

NS13

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- Mail Only Email Only Both Mail and Email

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Signature _____ (Your signature is your authorization to charge this credit card)

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Please make checks payable to Educational Symposia, and mail with this completed form to Educational Symposia, 5620 West Sligh Avenue, Tampa, Florida 33634-4490. A \$50.00 processing charge will be made on refunds requested in writing prior to May 3, 2013. No refunds will be given on or after May 3, 2013. For further information, call (800) 338-5901 (toll-free, U.S. & Canada), (813) 806-1000 (direct), or fax (800) 344-0668 (toll-free, U.S. & Canada) or (813) 806-1001 (fax, direct), or email at info@edusymp.com.

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