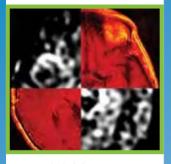
A DVD Teaching Program

2012 Magnetic Resonance Imaging: *National Symposium*

33 AMA PRA Category 1 Credit(s)TM

This DVD Series Includes the Following Subspecialty Segments

MRI of the Head & Spine



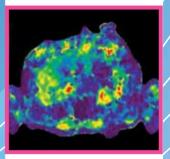
14 Hours

Musculoskeletal MRI



14 Hours

MRI of the Body & Heart



9 Hours

Superior Image Quality
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Educational Symposia

Release Date: September 15, 2012

About This DVD Series

This DVD series provides 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 subscribers to purchase all or a subsection(s) of the DVD program. Three focused segments provide a comprehensive yet practical review and update on the clinical applications of MRI. The series begins by focusing on the head and spine, moves into the musculoskeletal system and concludes with cardiovascular and body applications.

A special non accredited segment of the program focuses on equipment comparisons and capabilities. Those subscribers planning to purchase MRI equipment should find the Bonus program particularly valuable as companies discuss their present capabilities and their plans for the future.

Target Audience

This DVD 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.

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 33 AMA PRA Category 1 Credit(s)TM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

DVDs 1 through 16 are each designated for 2 AMA PRA Category 1 Credit(s)TM; DVD 17 is designated for 1 AMA PRA Category 1 Credit(s)TM. The time necessary to complete the series is 33 hours. The time necessary to complete DVDs 1 through 16 is two hours each; the time necessary to complete DVD 17 is one hour.

Technologists: No Category A CE credit is available for this series.

All DVD course participants are required to pass a written test with a minimum score of 70% in order to be awarded credit. (Exam materials, if ordered, will be sent with your DVD order.) All DVD course participants will also have the opportunity to critically evaluate the program as it relates to practice relevance and educational objectives.

33 *AMA PRA Category 1 Credit(s)*™ for these programs may be claimed until September 14, 2015.

This DVD series was planned and produced by Educational Symposia, the leader in diagnostic imaging education since 1975.

This DVD series was planned and produced in accordance with the ACCME Essential Areas and Elements.

Educational Objectives

At the completion of this DVD CME series, subscribers should be able to:

- Implement state of the art MR angiography protocols into practice
- Describe the principles of perfusion and diffusion imaging techniques
- Incorporate state of the art imaging protocols for assessment of the spine to clinical practice
- Utilize MRI to evaluate patients with musculoskeletal and breast pathology
- Optimize MR protocols and techniques for assessment of the body and chest
- Explain the role of MR in the evaluation of cardiac and peripheral vascular disease

No special educational preparation is required for this CME activity.

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DVD teaching programs feature a distinctive production process termed "Digital Studio Enhancement" including:

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MRI Applications Specialist Siemens Medical Solutions

Gordon Herron

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MRI Product Manager - Rocky Mountain Region GE Healthcare

Jason Miller

Senior Product Manager, MRI Hitachi Medical Systems America, Inc.

Programs

Head & Spine Subset 1 - 7

Program 1

New MR Imaging Techniques Lawrence N. Tanenbaum, M.D., FACR

MR and Brain Hemorrhage Michael N. Brant-Zawadzki, M.D., FACR

White Matter Diseases *Jeffrey S. Ross, M.D.*

Program 2

Advanced Imaging of Brain Neoplasms Lawrence N. Tanenbaum, M.D., FACR

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

MRI of Degenerative Disc Disease and Nomenclature *William B. Morrison, M.D.*

Program 3

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

Imaging of Intracranial Infection

Michael N. Brant-Zawadzki, M.D., FACR

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

Program 4

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

MRI of the Periventricular Region William G. Bradley, Jr., M.D., Ph.D., FACR

MR of Skull Base Tumors Blake A. Johnson, M.D., FACR

Program 5

Advanced Tumor Imaging:
Pre-Operative Planning with DTI & BOLD
Lawrence N. Tanenbaum, M.D., FACR

Imaging and Pineal Region Tumors *Michael N. Brant-Zawadzki, M.D., FACR*

Strategic Approach to Brain Tumor Imaging *Michael N. Brant-Zawadzki, M.D., FACR*

Imaging of Cervical Spine Trauma *John F. Feller, M.D.*

Musculoskeletal Subset 6 - 12

Program 6

Spine Marrow Disease *Jeffrey S. Ross, M.D.*

Vascular Spine Disease *Jeffrey S. Ross, M.D.*

Diffusion Imaging of the Spine *Lawrence N. Tanenbaum, M.D., FACR*

Program 7

Imaging Evaluation of the Spine Blake A. Johnson, M.D., FACR

Imaging of Thoracolumbar Spinal Trauma *William B. Morrison, M.D.*

Case Based Spine Review *Jeffrey S. Ross, M.D.*

Program 8

Optimization of Musculoskeletal MRI William B. Morrison, M.D.

Clinical Applications of Cartilage Imaging *John F. Feller, M.D.*

Osteochondrosis Dissecans - What is It Really? William B. Morrison, M.D.

MR Imaging of the Shoulder *Jeffrey Peterson*, M.D.

Program 9

MR Imaging of the Postoperative Shoulder *John F. Feller, M.D.*

MRI: The Next 10 Years – Quo Vadis William G. Bradley, Jr., M.D., Ph.D., FACR

MRI of the Biceps and Subscapularis *Mark J. Decker, M.D.*

Program 10

MRI of Uncommon Muscle, Tendon and Joint Injuries Mark J. Decker, M.D.

MRI of the Extra-Articular Hip *Mark J. Decker, M.D.*

MRI of the Foot: Difficult Diagnosis *John D. Reeder, M.D., FACR*

Program 11

MRI of the Knee: Difficult Diagnosis *John D. Reeder, M.D., FACR*

MR Imaging of the Foot and Ankle *Jeffrey Peterson*, *M.D.*

MRI of the Knee: Difficult Meniscal Cases *John D. Reeder, M.D., FACR*

Program 12

MR Arthrography *Jeffrey Peterson, M.D.*

MRI of Joint Prosthesis *Mark J. Decker, M.D.*

MRI of the Hand and Finger *Jeffrey Peterson*, M.D.

What the Orthopedist Needs From the Radiologist in the MRI Report *Matthew Diltz, M.D.*

Body & Heart Subset 13 - 17

Program 13

Breast MRI, An Update Pamela M. Otto, M.D., FACR

MRI of Acute Abdominal Pain in Pregnancy *Aytekin Oto, M.D.*

Recommendations for Breast MRI *Pamela M. Otto, M.D., FACR*

Practical Cardiac MRI *Scott D. Flamm, M.D.*

Program 14

MRI of Hepatocellular Carcinoma Diego R. Martin, M.D., Ph.D.

MRI/MRA in Peripheral Vascular Disease *Scott D. Flamm, M.D.*

New Techniques for MRI of Diffuse Liver Disease: Fibrosis, Fat and Iron *Russell N. Low, M.D.*

Breast MRI – Interesting Cases *Pamela M. Otto, M.D., FACR*

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Program 15

MRI/MRA of the Kidneys and Renal Arteries

Scott D. Flamm, M.D.

MRI of the Liver Capsule and Peritoneum *Russell N. Low, M.D.*

MR Imaging of Rectal Cancer *Aytekin Oto, M.D.*

MRI/MRA in Thoracic Aortic Disease *Scott D. Flamm, M.D.*

Program 16

MR of Pancreatitis and Pancreatic Tumors Diego R. Martin, M.D., Ph.D.

Diffusion/Perfusion – New Tools for Abdominal MRI Russell N. Low, M.D.

Abdominal/Pelvic Case Review Diego R. Martin, M.D., Ph.D.

Prostate MRI and Image Guided Intervention *Aytekin Oto, M.D.*

Program 17

(1 AMA PRA Category 1 Credit(s)™)

Tips for Efficient Body MRI Russell N. Low, M.D.

MR Enterography – The Specific Role for MRI Diego R. Martin, M.D., Ph.D.

Bonus Program

(Not accredited for AMA PRA Category 1 $Credit(s)^{TM}$)

MRI Equipment: Present Capabilities; Future Directions

Siemens Medical Solutions George W. Ferguson

Philips Healthcare *Gordon Herron*

Hitachi Medical Systems America, Inc. *Jason Miller*

GE Healthcare
Brian King

Faculty & topics subject to change.

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