

A DVD Teaching Program

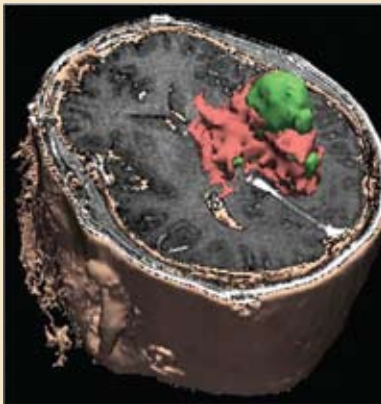
*William G. Bradley, Jr, M.D., Ph.D., FACR
Presents*



2010



MRI: FROM PHYSICS THROUGH CLINICAL APPLICATIONS



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Educational Symposia
Release Date: January 1, 2010

ABOUT THIS DVD SERIES

This DVD educational program is based on a week-long visiting fellowship for radiologists developed by the world-renowned MR luminary, William G. Bradley, Jr., M.D., Ph.D., FACR. Sessions are presented in constructive progression with successive lectures building upon on another. Natural lighting and a relaxed atmosphere create an intimate, effective teaching environment.

This is a comprehensive review of MR physics and clinical applications that covers the gamut of MR imaging for all organ systems. Discussions begin with the basic physics, advancing to the clinically relevant, more advanced topics of MR and MRA imaging. Emphasis is placed on key findings, differential diagnosis and optimization of techniques at 1.5T and 3T imaging systems. The use of digital broadcast-quality technology captures the one-on-one setting of the fellowship program.

TARGET AUDIENCE

This DVD educational program is intended for those who perform, supervise, and interpret MRI procedures. While the entire program should benefit diagnostic radiologists, selected segments should be of value to neurologists, neurosurgeons, orthopedic surgeons, and other specialists. It should also be beneficial for those who order MRI procedures and wish to better understand current applications.

SCIENTIFIC SPONSOR

Educational Symposia

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.

ACCREDITATION

Physicians: Educational Symposia is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

Educational Symposia designates this educational activity for a maximum of 33 *AMA PRA Category 1 Credit(s)*TM. Physicians should only claim credit commensurate with the extent of their participation in the activity.

DVDs 1-16 are designated for two category 1 credits each. DVD 17 is designated for 1 category 1 credit. The time necessary to complete the series is 33 hours. The time necessary to complete DVDs 1-16 is two hours each. The time necessary to complete DVD 17 is 1 hour.

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

All DVD course participants are required to take a test 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.

*AMA PRA Category 1 Credit(s)*TM

for these programs may be claimed until December 31, 2012.

EDUCATIONAL OBJECTIVES

Subscribers should, at the completion of this series, be able to:

- Explain the basic physics of MRI
- Discuss the fundamentals of MR image interpretation and differential diagnosis
- Recognize the specific advantages and limitations of various MR techniques
- Discuss the clinical applications of MR contrast agents
- Explain safety precautions and recommendations for using gadolinium based contrast agents
- Describe the expanding uses for MRI in assessing pathology of the different organ systems
- Compare the clinical applications of MRI/MRA to other imaging modalities

No special educational preparation is required for this CME activity.

Faculty

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R. A. Bell and Associates

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Residency Program Director

Chief, Section of Head and Neck Radiology

University of California, San Diego

Mini N. Pathria, M.D.

Professor of Clinical Radiology

University of California, San Diego

DVD teaching programs feature a distinctive production process termed “**Digital Studio Enhancement**” including

- Post processed diagnostic images
- Clearly visible pathology and anatomy
- Improved graphic and text legibility
- Electronic pointer correlation with speaker's indications

This production process is exclusive to Educational Symposia DVD programs.

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please pass the extra along to a colleague.

Program

SESSION 1

Fundamentals of Interpretation

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

Flow Phenomena

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

SESSION 2

MRA

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

Physics - *continued on session 3*

Robert A. Bell, Ph.D.

SESSION 3

Physics - *continued from session 2*

Robert A. Bell, Ph.D.

Technology

Robert A. Bell, Ph.D.

Economics

Robert A. Bell, Ph.D.

Spinal Cord and Intradural Disease -
continued on session 4

John R. Hesselink, M.D., FACR

SESSION 4

Spinal Cord and Intradural Disease -
continued from session 3

John R. Hesselink, M.D., FACR

Temporal Lobe & Limbic System

John R. Hesselink, M.D., FACR

Degenerative Spine -

continued on session 5

Roland R. Lee, M.D.

SESSION 5

Degenerative Spine -

continued from session 4

Roland R. Lee, M.D.

Postoperative Spine

Roland R. Lee, M.D.

SESSION 5 (Continued)

Spectroscopy

Steven G. Imbesi, M.D.

SESSION 6

Perfusion

Steven G. Imbesi, M.D.

Hemorrhage

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

Brainstem - *continued on session 7*

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

SESSION 7

Brainstem - *continued from session 6*

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

K-space & Parallel Imaging

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

SESSION 8

Image Optimization

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

Contrast in the Brain

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

SESSION 9

Shoulder

John V. Crues, III, M.D.

Wrist

John V. Crues, III, M.D.

SESSION 10

Ankle

John V. Crues, III, M.D.

Elbow

John V. Crues, III, M.D.

Stroke - *continued on session 11*

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

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SESSION 11

Stroke - *continued from session 10*

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

EPI Diffusion

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

Periventricular Region

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

SESSION 12

Hydrocephalus

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

Hip

Mini N. Pathria, M.D.

SESSION 13

Knee

Mini N. Pathria, M.D.

Cardiac

Eric Goodman, M.D.

Chest MRA - *continued on session 14*

Eric Goodman, M.D.

SESSION 14

Chest MRA - *continued from session 13*

Eric Goodman, M.D.

MR Over the Next Decade: Quo Vadis?

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

Eye and Orbit

John R. Hesselink, M.D., FACR

SESSION 15

Cranial Nerves

John F. Healy, M.D., FACR

Perineural Tumor Spread

John F. Healy, M.D., FACR

Imaging of the Female Pelvis -
continued on session 16

Michelle A. Brown, M.D.

SESSION 16

Imaging of the Female Pelvis -
continued from session 15

Michelle A. Brown, M.D.

Tumors of Temporal Bone and Base of
the Skull - *continued on session 17*

Mahmood F. Mafee, M.D., FACR

SESSION 17

(Accredited for 1 AMA PRA Category 1 Credit™)

Tumors of Temporal Bone and Base of
the Skull - *continued from session 16*

Mahmood F. Mafee, M.D., FACR

Nasopharynx and Parapharyngeal Space

Mahmood F. Mafee, M.D., FACR

Faculty & topics subject to change.

For information regarding future Bradley/UCSD MRI
Visiting Fellowship courses please contact
JoAnn Nelson at (619) 543-2890 or email jbnelson@ucsd.edu

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