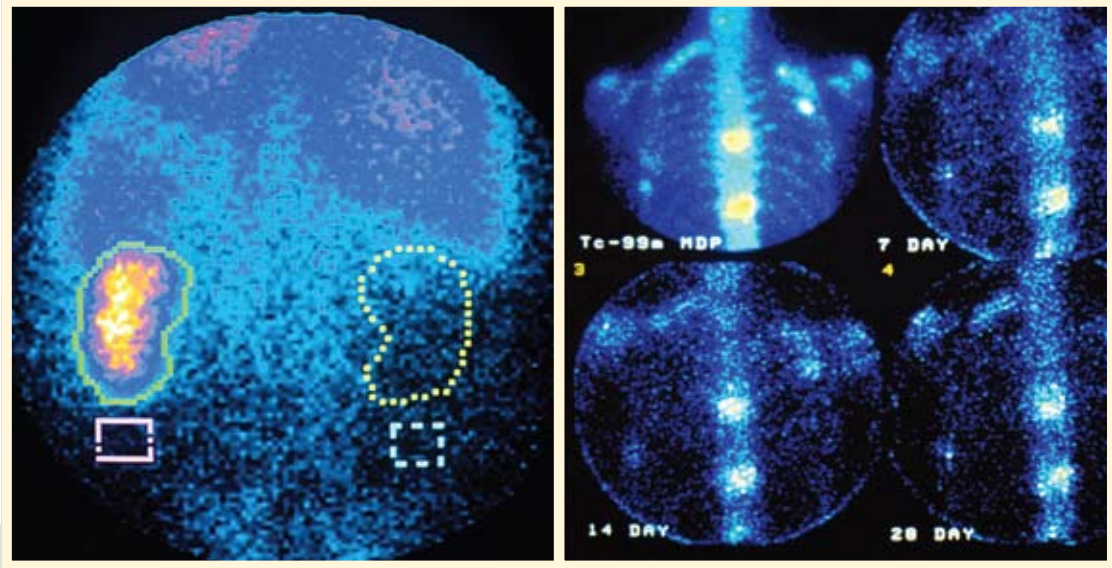


A DVD Teaching Program

# 2009

# CLINICAL NUCLEAR MEDICINE



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Educational Symposia  
Release Date: July 1, 2009

## About This DVD

This DVD CME series will focus on the latest trends in Nuclear Medicine. State of the art imaging protocols along with recent advances in imaging technologies, radioisotopes and tracers are the focus of this program. Faculty discuss current and future directions in cardiology, neurology, oncology, genitourinary and gastrointestinal imaging of this ever-changing imaging modality. Faculty have been chosen for their teaching ability, as well as their clinical expertise.

## Target Audience

This DVD CME activity should benefit radiologists and nuclear medicine physicians. It should also benefit physicians who supervise and interpret nuclear medicine procedures. The course should also prove valuable for physicians who order these studies.

## 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 16 *AMA PRA Category 1 Credit(s)*<sup>TM</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Each DVD is designated for two category 1 credits. The time necessary to complete the series is 16 hours. The time necessary to complete each DVD is two hours.

**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)*<sup>TM</sup>

for these programs may be claimed until June 30, 2012.

## Educational Objectives

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

- Discuss current and future directions of nuclear medicine and molecular imaging
- Describe recent advances of nuclear medicine imaging in the evaluation of hepatobiliary and gastrointestinal disease
- Explain recent advances in imaging and evaluating the genitourinary system
- Evaluate a variety of oncologic processes and metastatic disease using state of the art nuclear medicine imaging protocols
- Implement state of the art imaging protocols for evaluating cardiac and neurologic disease
- Evaluate current and anticipated changes in reimbursement and government policies and regulations concerning nuclear medicine imaging

*No special educational preparation is required for this CME activity.*

# Faculty

## **Naomi P. Alazraki, M.D.**

*Professor of Radiology  
Emory University School of Medicine and Chief,  
Nuclear Medicine  
VA Medical Center - Atlanta*

## **Mark J. Carvlin, Ph.D.**

*Managing Director  
Intellectual Capital Development Co.  
General Partner  
Medical Imaging, Innovation and Investments*

## **Michael D. Devous, Sr., Ph.D.**

*Professor of Radiology  
Director, Neuroimaging Cores,  
Alzheimer's Disease Center and North Texas  
Traumatic Brain Injury Model System  
Associate Director, Nuclear Medicine Center  
University of Texas Southwestern Medical Center  
Dallas, TX*

## **Robert C. Hendel, M.D.**

*Nuclear Cardiology  
Cardiovascular Disease  
Midwest Heart Specialists  
Winfield, IL  
Professor of Medicine  
Rush University Medical Center  
Chicago, IL*

## **Paul E. Kinahan, Ph.D.**

*Director, PET/CT Physics  
Professor of Radiology  
Adjunct Professor of Bioengineering and  
Electrical Engineering  
University of Washington School of Medicine  
Seattle, WA*

## **Homer A. Macapinlac, M.D.**

*Chairman, Department of Nuclear Medicine  
Professor, Department of Nuclear Medicine  
Professor, Department of Experimental  
Diagnostic Imaging  
University of Texas - M.D. Anderson Cancer Center*

## **Sebastian Obrzut, M.D.**

*Assistant Professor  
Department of Radiology  
University of California, San Diego*

## **James K. O'Donnell, M.D.**

*Associate Professor of Radiology  
Case Western Reserve University  
Director, Division of Nuclear Medicine  
University Hospitals Case Medical Center  
Cleveland, OH*

## **Andrew T. Taylor, M.D.**

*Professor of Radiology  
Emory University School of Medicine*

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# Program

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*Mark J. Carvlin, Ph.D.*

Controversies and Caveats in the Diagnosis and Management of Thyroid Diseases

*Andrew T. Taylor, M.D.*

Parathyroid and Neuroendocrine Tumor Imaging

*Naomi P. Alazraki, M.D.*

## Program 2

A Case Based Approach to Diuresis Renography

*Andrew T. Taylor, M.D.*

Gastrointestinal Imaging

*Sebastian Obrzut, M.D.*

Advances in Nuclear Medicine Instrumentation

*Mark J. Carvlin, Ph.D.*

## Program 3

Genitourinary Imaging and Renovascular Hypertension

*Andrew T. Taylor, M.D.*

Monitoring Cancer Treatment with PET/CT

*Sebastian Obrzut, M.D.*

Sentinel Lymph Node Detection in Breast Cancer, Melanoma & Other Cancers

*Naomi P. Alazraki, M.D.*

## Program 4

FDG PET/CT Imaging in Breast Cancer

*Naomi P. Alazraki, M.D.*

Palliation of Bone Pain Due to Metastatic Disease

*Andrew T. Taylor, M.D.*

Infection Imaging

*Naomi P. Alazraki, M.D.*

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## Program 5

### Oncologic PET/CT

*Sebastian Obrzut, M.D.*

### Functional Brain Imaging: A Window to the Mind

*Michael D. Devous, Sr., Ph.D.*

### Functional Neuroimaging in the Dementias

*Michael D. Devous, Sr., Ph.D.*

## Program 6

### Clinical Interpretation of Functional Brain Images

*Michael D. Devous, Sr., Ph.D.*

### Contemporary Applications of Nuclear Cardiology

*Robert C. Hendel, M.D.*

### Quality in Cardiovascular Imaging

*Robert C. Hendel, M.D.*

## Program 7

### Hepatobiliary Imaging

*Sebastian Obrzut, M.D.*

### Innovations in Cardiac Imaging

*Mark J. Carvlin, Ph.D.*

### Advances in Pharmacologic Stress Testing, Including A2a Agonists

*Robert C. Hendel, M.D.*

## Program 8

### FDG PET-CT: A Roadmap for Invasive Staging of Lung Cancer

*Homer A. Macapinlac, M.D.*

### PT, CT and PET-CT Artifacts

*Paul E. Kinahan, Ph.D.*

### PET in Malignant Melanoma

*James K. O'Donnell, M.D.*

### Update on Reimbursement, Government Policy and Regulations

*Mark J. Carvlin, Ph.D.*

Faculty & topics subject to change.

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