

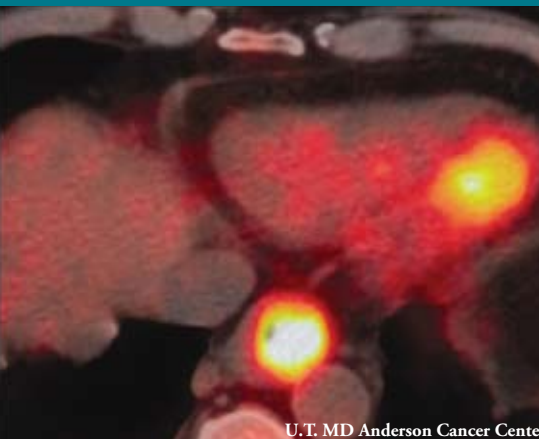
A DVD Teaching Program

# 2009

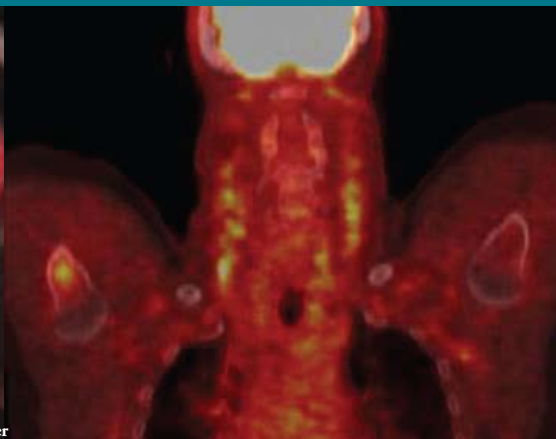
# PET-CT

## IMAGING IN CLINICAL PRACTICE

Including PET-CT for  
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Release Date: September 15, 2009

## ABOUT THIS DVD SERIES

This DVD series is structured to provide a clinical overview of PET and PET-CT imaging. The role of PET and PET-CT for the detection, assessment and evaluation of cancer will be addressed. In addition, the expanding role of how PET and PET/CT can be used in therapy planning will be discussed. The latest protocols, tips, pitfalls and common artifacts will be presented throughout the program.

## TARGET AUDIENCE

This CME activity should benefit radiologists, oncologists, and nuclear medicine physicians. It should also benefit other physicians who supervise and interpret nuclear medicine procedures. The program 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 20 *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 20 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 September 14, 2012.

## EDUCATIONAL OBJECTIVES

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

- Discuss the role of PET-CT in the evaluation and management of various cancers
- Describe the use of PET in the detection of head and neck cancer
- Discuss the role of PET in the detection and assessment of multiple cancers
- Describe the use of PET and PET-CT in the management of lung and breast cancer
- Discuss neurologic and cardiovascular applications of PET and PET-CT
- Implement PET and PET-CT protocols for oncology evaluation and assessment into their practices
- Discuss the role of PET in the assessment of myocardial viability
- Optimize PET and PET-CT protocols for imaging of colorectal cancer
- Discuss the emerging role of PET in therapy planning

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

# Faculty

## **Harry Agress, Jr., M.D., FACR**

*Chairman, Department of Radiology  
Director, PET/CT Center  
Hackensack University Medical Center, New Jersey  
Full Clinical Professor, Department of Radiology  
College of Physicians and Surgeons of Columbia University,  
New York*

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*Scientific Director  
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Columbia College of Physicians and Surgeons  
Columbia University*

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University Hospitals Case Medical Center  
Cleveland, OH*

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Department of Radiation Oncology  
University of Pittsburgh School of Medicine  
Director of Radiation Services  
University of Pittsburgh Cancer Institute  
UPMC Cancer Centers*

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

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

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Scottsdale Healthcare  
Arizona*

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New York, NY*

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TRA Medical Imaging  
Tacoma, WA*

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

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Director, Division of Nuclear Medicine  
University Hospitals Case Medical Center  
Cleveland, OH*

## **Medhat M. Osman, M.D., Sc.M., Ph.D.**

*Associate Professor of Radiology  
Director of Nuclear Medicine & PET/CT  
Saint Louis University*

## **Craig W. Stevens, M.D., Ph.D.**

*Professor and Chair  
Department of Radiation Oncology  
Moffitt Cancer Center  
Tampa, FL*

## **Carter S. Young, D.O., FACR**

*Chairman, Department of Medical Imaging  
Methodist Medical Center of Illinois  
Associate Professor  
University of Illinois College of Medicine  
Peoria, IL*

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# Program

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*Francois Benard, M.D., FRCPC*

FDG PET-CT Imaging Protocols

*Homer A. Macapinlac, M.D.*

PET: Pitfalls and Artifacts

*Peter F. Faulhaber, M.D.*

## Program 2

PET Imaging of Dementia

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

PET and Head and Neck  
Cancer Including Workstation  
Demonstration

*Peter F. Faulhaber, M.D.*

PET-CT Updates on Head and  
Neck Cancer: Is it Time to Change  
NCCN Guidelines

*Lale Kostakoglu, M.D., MPH*

PET-CT Attenuation Correction

*Paul E. Kinahan, Ph.D.*

## Program 3

Cardiac PET-CT Imaging

*Kevin L. Berger, M.D.*

New Ways for Interpreting  
PET/CT Including Workstation  
Demonstration

*Medhat M. Osman, M.D., Sc.M., Ph.D.*

PET and Image Fusion

*Peter F. Faulhaber, M.D.*

## Program 4

Significance of Unexpected  
Findings and Importance of  
Follow-Up in PET and PET-CT

*Harry Agress, Jr., M.D., FACR*

Myocardial Viability Assessment  
with PET

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

PET/CT in Oncology

*Medhat M. Osman, M.D., Sc.M., Ph.D.*

## Program 5

PET/CT and Lung Cancer

*Anthony E. Larhs, M.D.*

Updates on Lymphoma and  
Myeloma

*Lale Kostakoglu, M.D., MPH*

PET and PET-CT in Gastrointestinal  
Malignancies

*Harry Agress, Jr., M.D., FACR*

## Program 6

PET and Colorectal Cancer  
Including Workstation  
Demonstration

*Carter S. Young, D.O., FACR*

PET in the Management of  
Gynecological and Testicular  
Malignancies

*Francois Benard, M.D., FRCPC*

PET/CT and Breast Cancer

*Anthony E. Larhs, M.D.*

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Malignancies

*Jacqueline C. Brunetti, M.D.*

PET-CT in Melanoma

*Ronald L. Korn, M.D., Ph.D.*

PET-CT Timing After Chemotherapy:  
What are the Important Issues?

*Lale Kostakoglu, M.D., MPH*

Workstation Workshop

Demonstration and Discussion:  
A Nuts & Bolts Review of Post-  
Processing Tools

*Anthony E. Larhs, M.D.*

## Program 8

Advanced PET-CT Imaging  
Applications

*Kevin L. Berger, M.D.*

High Performance PET-CT:  
Optimizing Your Clinical Practice

*Harry Agress, Jr., M.D., FACR*

Theoretical and Practical Aspects of  
Image Reconstruction for Volume PET  
Scanners

*Paul E. Kinahan, Ph.D.*

PET-CT in Patients Scanned Under  
NOPR Guidelines

*Jacqueline C. Brunetti, M.D.*

## Program 9

PET-CT for the 21st Century

*Craig W. Stevens, M.D., Ph.D.*

Integration of PET-CT into Radiation  
Therapy Treatment Planning

*Ian Crocker, M.D., FACR*

Problems and Pitfalls of Bringing  
PET or PET-CT Into the Radiotherapy  
Clinic

*Craig W. Stevens, M.D., Ph.D.*

Novel Assessment Methods Using  
PET-CT

*Ian Crocker, M.D., FACR*

## Program 10

4D PET-CT in the Management of  
Thoracic Malignancies – 3D and  
IMRT Implications

*Dwight E. Heron, M.D., F.A.C.R.O.*

PET-CT in the Management of  
Abdominal Malignancies – 3D  
and IMRT Implications

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# 2009

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