# 2020 Clinical Nuclear Medicine

# Release Date: October 15, 2020 | 11.5 AMA PRA Category 1 Credit(s)™

# **About This CME Teaching Activity**

This CME activity provides a practical yet in-depth review of nuclear medicine with concentration on the latest trends, protocols and advances in clinical diagnosis and patient management. Faculty share techniques, tips and pitfalls through didactic lectures and case-based presentations.

# **Target Audience**

This course should benefit nuclear medicine physicians and radiologists. 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

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

**SA-CME:** Credits awarded for this enduring activity are designated "SA-CME" by the American Board of Radiology (ABR) and qualify toward fulfilling requirements for Maintenance of Certification (MOC) Part II: Lifelong Learning and Self-assessment.

All activity participants are required to take a written or online test in order to be awarded credit. (Exam materials, if ordered, will be sent with your order.) All 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)™
for this activity may be claimed until October 14, 2023.

This CME activity was planned and produced by Educational Symposia, a leader in continuing medical education since 1975.

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

# **Educational Objectives**

At the completion of this CME teaching activity, you should be able to:

- Apply state-of-the-art protocols to assess hepatobiliary and gastrointestinal disorders.
- Discuss current and future directions of nuclear medicine.
- Discuss the utility of SPECT/CT.
- Describe the role of nuclear medicine when used to evaluate thyroid and renal disorders.
- Explain the expanding role of nuclear medicine studies in the detection and management of pulmonary, bone and neuroendocrine disorders.

No special educational preparation is required for this CME activity.

# **Faculty**

## Anca M. Avram, M.D., FACNM

Director, Nuclear Medicine Therapy Clinic Professor of Radiology University of Michigan Medical Center Ann Arbor, MI

## Gagandeep Choudhary, M.D.

Assistant Professor
Division of Molecular Imaging and Therapeutics and
Neuroradiology Section
University of Alabama at Birmingham Hospital
Birmingham, AL

## Steven P. Rowe, M.D.

Assistant Professor of Radiology and Radiological Science Johns Hopkins University Baltimore, MD

#### Mark I. Travin, M.D.

Professor
Department of Radiology (Nuclear Medicine)
Professor
Department of Medicine (Cardiology)
Montefiore Medical Center
Bronx, NY

# Mark Tulchinsky, M.D., FACNM

Professor of Radiology and Medicine Associate Director, Nuclear Medicine Penn State University Milton S. Hershey Medical Center Hershey, PA

## Don C. Yoo, M.D., FACR

Professor, Clinical Educator
Diagnostic Imaging
Director of Nuclear Medicine, The Miriam Hospital
Director of Medical Student Radiology Education
The Warren Alpert Medical School of Brown University
Providence, RI

# **Program**

## Session 1

Nuclear Medicine Studies for Abdominal Conditions *Don C. Yoo, M.D., FACR* 

Benign Thyroid Conditions: Imaging and Therapy (Theranostics) *Anca M. Avram, M.D., FACNM* 

#### Session 2

Hepatobiliary Scintigraphy in Abdominal Pain *Mark Tulchinsky, M.D., FACNM* 

Utilization of SPECT/CT in General Nuclear Medicine Studies Don C. Yoo, M.D., FACR

#### Session 3

Gastric Emptying and Gastrointestinal Bleeding Scintigraphy

Mark Tulchinsky, M.D., FACNM

Neuroendocrine Tumors Therapy (Theranostics) *Anca M. Avram, M.D., FACNM* 

Bone and Joint Scintigraphy in Benign Conditions *Steven P. Rowe, M.D.* 

## Session 4

Molecular Renal Imaging and Diuretic Renography *Steven P. Rowe, M.D.* 

Differentiated Thyroid Cancer Therapy (Theranostics) *Anca M. Avram, M.D., FACNM* 

Parathyroid Adenomas & Pheochromocytomas *Steven P. Rowe, M.D.* 

#### Session 5

SPECT Brain Imaging for Non-Neurodegenerative Diseases *Gagandeep Choudhary, M.D.* 

Myocardial Perfusion, Viability and Function *Mark I. Travin, M.D.* 

# Session 6

SPECT Imaging of Neurodegenerative Diseases *Gagandeep Choudhary, M.D.* 

Heart Failure: Innervation and Amyloid Imaging *Mark I. Travin, M.D.* 

VQ Lung Scan Scintigraphy Don C. Yoo, M.D., FACR

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