

A CME Teaching Activity

2016 Computed Tomography

Designated for SA-CME

This enduring material activity counts towards the SA-CME requirement for the ABR, similar to a SAM activity

ENTIRE PROGRAM: 27.0 | **NEURO: 11.25** | **CHEST: 4.5** | **CARDIAC: 2.75** | **BODY: 9.0** | **CT SAFETY: 3.75**

Release Date: April 15, 2016

About This CME Teaching Activity

This activity is structured to provide a comprehensive review of computed tomography. Tips, techniques, protocols, recent technical enhancements and radiation safety are emphasized throughout the program. A balance of neuro, abdominal, and cardiovascular topics are presented to help you expand your clinical practice.

Target Audience

This CME activity is designed to educate diagnostic imaging physicians who supervise and interpret CT studies. This CME activity should also be useful to referring physicians who order these studies so that they might gain a greater appreciation of the strengths and limitations of clinically relevant CT studies.

Scientific Sponsor

Educational Symposia

Educational Objectives

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

- Discuss the utility of CT and CTA in the diagnosis and evaluation of abdominal, neurological, cardiac and thoracic abnormalities.
- Optimize CT and CTA imaging protocols.
- More effectively utilize CT angiography in clinical practice.
- Evaluate abdominal pathology more efficiently utilizing multi-slice CT.
- Utilize recent technological developments to design protocols that decrease radiation dose while enhancing image quality.

No special educational preparation is required for this CME activity.

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 27.0 *AMA PRA Category 1 Credit(s)*TM. 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 pass a written or online test with a minimum score of 70% 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)TM
for this activity may be claimed until April 14, 2019.**

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

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

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Faculty

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

*Senior Physician Executive
The Ron and Sandi Simon Endowed Chair, Neurosciences Institute
Hoag Memorial Hospital Presbyterian
Newport Beach, CA
Adjunct Clinical Professor of Radiology
Stanford University School of Medicine
Stanford, CA*

Karin E. Dill, M.D.

*Chief of Cardiovascular Imaging and 3D Lab
Interim Chief Thoracic Imaging
University of Massachusetts Medical Center
Associate Professor
Department of Radiology*

Martin Gunn, MBChB, FRANZCR

*Associate Professor
Medical Director of Imaging Informatics
Department of Radiology
University of Washington
Seattle, WA*

Frank J. Lexa, M.D., MBA

*Project Faculty, Spain and East Asia Regional Manager, the Global Consulting
Practicum & Adjunct Professor of Marketing, The Wharton School,
The University of Pennsylvania
Chief Medical Officer, The Radiology Leadership Institute and Chair of the
Practice Leaders Commission of the American College of Radiology
Philadelphia, PA*

Beth G. McFarland, M.D., FACR

*SSM St. Joseph Hospital
St. Charles, MO*

Rendon C. Nelson, M.D., FACR

*Reed and Martha Rice Professor of Radiology
Division of Abdominal Imaging
Duke University
Durham, NC*

Myron A. Pozniak, M.D., FACR

*Professor of Radiology
CT Modality Chief
Department of Radiology
University of Wisconsin School of Medicine and Public Health
Madison, WI*

Howard A. Rowley, M.D.

*Professor of Radiology, Neurology and Neurosurgery
Joseph Sackett Professor of Radiology
Chief of Neuro MRI
University of Wisconsin
Madison, WI*

Jorge A. Soto, M.D.

*Vice Chairman of Radiology
Professor of Radiology
Boston University School of Medicine
Boston, MA*

Lawrence N. Tanenbaum, M.D., FACR

*Vice President and Medical Director East Region
Director of CT, MR and Advanced Imaging
RadNet, Inc.
New York, NY*

Chip Truwit, M.D.

*Chief Innovation Officer, Upstream Health
Chief of Radiology, Hennepin County Medical Center
Professor of Radiology, University of Minnesota School of Medicine
Minneapolis, MN*

J. Pablo Villablanca, M.D., FACR

*Professor of Diagnostic Neuroradiology
Medical Director of MRI
Director, Interventional Spine Service
David Geffen School of Medicine at UCLA
Los Angeles, CA*

Alison G. Wilcox, M.D., FSCCT

*Associate Professor of Radiology and Internal Medicine
Section Chief- Cardiothoracic Imaging
Medical Director, Imaging, Keck Hospital of USC
Keck Medical Center of USC
Los Angeles, CA*

Eric E. Williamson, M.D.

*Consultant & Chair
Division of Cardiovascular Radiology
Department of Radiology
Mayo Clinic
Associate Professor of Radiology
Mayo Clinic College of Medicine
Rochester, MN*

David F. Yankelevitz, M.D.

*Professor of Radiology
Icahn School of Medicine at Mount Sinai
Mount Sinai Health System
New York, NY*

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Program

Neuro CT

Session 1

CT Radiation Risk: What We Know

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

Emergency Stroke Triage

Howard A. Rowley, M.D.

CTA/Perfusion in Neurovascular Disorders

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

Session 2

CT of Acute Stroke - with Workstation Review

Lawrence N. Tanenbaum, M.D., FACR

Head Trauma and Neurovascular Injury

Howard A. Rowley, M.D.

Lumps and Bumps: Central Topics in Head and Neck Radiology for the Non-specialist

Frank J. Lexa, M.D., MBA

Session 3

CTA of Intracranial Aneurysm - with Workstation Review

Chip Truwit, M.D.

Skull Base Pathology Using CT & MR

J. Pablo Villablanca, M.D., FACR

Orbital Imaging

Frank J. Lexa, M.D., MBA

Session 4

Radiation Safety in Neuro CT Protocols

Howard A. Rowley, M.D.

MOC Review: Adult Brain

Frank J. Lexa, M.D., MBA

Spine Trauma

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

Session 5

Facial Trauma

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

Neuroradiology Cases

Howard A. Rowley, M.D.

White Matter Diseases

Frank J. Lexa, M.D., MBA

Innovations in Neuro CT

Lawrence N. Tanenbaum, M.D., FACR

Chest CT

Session 6

Hi-Resolution CT of Interstitial Lung Disease - with Workstation Review

Alison G. Wilcox, M.D., FSCCT

Update on CT Screening for Lung Cancer - with Workstation Review

David F. Yankelevitz, M.D.

Solitary Pulmonary Nodule

Alison G. Wilcox, M.D., FSCCT

Fine Needle Biopsy of Small Pulmonary Nodules

David F. Yankelevitz, M.D.

Session 7

Diffuse Lung Disease: From Pattern to Disease

Karin E. Dill, M.D.

Management of Sub-Solid Lung Nodules

David F. Yankelevitz, M.D.

Cardiac CT

Cardiac CT - with Workstation Review

Alison G. Wilcox, M.D., FSCCT

3D Printing in Cardiovascular Disease

Eric E. Williamson, M.D.

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Session 8

A Systemic Approach to Cardiac CTA Interpretation

Karin E. Dill, M.D.

CT in Acute Aortic Syndromes - with Workstation Review

Martin Gunn, MBChB, FRANZCR

Cardiovascular Support Devices:

Appearances on Imaging

Karin E. Dill, M.D.

Chest CT

Session 9

Thoracic Aortic Aneurysm: Diagnosis and Management

Karin E. Dill, M.D.

MDCT of Chest Trauma: Injuries You Cannot Miss

Jorge A. Soto, M.D.

Body CT

Session 10

Classification of Focal Liver Lesions

Rendon C. Nelson, M.D., FACR

Variceal Pathways - Portal Hypertension and Beyond

Myron A. Pozniak, M.D., FACR

Dual Energy MDCT of the Abdomen and Pelvis

Rendon C. Nelson, M.D., FACR

Session 11

CT Protocol Management

Myron A. Pozniak, M.D., FACR

Detection and Staging of Pancreatic Adenocarcinoma

Rendon C. Nelson, M.D., FACR

CT Colonography: How to Implement a Clinical Program

- with Workstation Review

Beth G. McFarland, M.D., FACR

Session 12

CT Colonography: Techniques and Hot Topics -

with Workstation Review

Beth G. McFarland, M.D., FACR

Crohn's Disease: Evaluation with CT Enterography

Jorge A. Soto, M.D.

CT Colonography: Clinical Case Review and Reading

Strategies - with Workstation Review

Beth G. McFarland, M.D., FACR

Session 13

Aortic Endostent Follow-up -

You Can Stop Using IV Contrast

Myron A. Pozniak, M.D., FACR

Imaging Polytrauma

Martin Gunn, MBChB, FRANZCR

MDCT Angiography of Extremity and Pelvic Trauma:
When and How?

Jorge A. Soto, M.D.

Session 14

Pearls and Pitfalls in Thoracoabdominal Trauma -

Case Based

Martin Gunn, MBChB, FRANZCR

Body Trauma Update

Myron A. Pozniak, M.D., FACR

Imaging the Pregnant Trauma Patient

Martin Gunn, MBChB, FRANZCR

Techniques for Radiation Dose Reduction in the
Abdomen and Pelvis

Rendon C. Nelson, M.D., FACR

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