

2018 Neuroradiology in Clinical Practice

Designated for SA-CME

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

Release Date: January 15, 2018 | 15.0 AMA PRA Category 1 Credit(s)TM

About This CME Teaching Activity

This learning activity addresses current topics in neuroimaging and the clinical management of neurological disease. Emphasis is placed on the role of imaging in pathology and trauma affecting the central nervous system. Imaging manifestation of disease and optimizing imaging techniques is also discussed.

Target Audience

This program is designed for practicing radiologists, neurologists and neurosurgeons that interpret or rely on imaging studies for the evaluation of neurological disorders. Radiologic technologists who perform these types of procedures will also find the program beneficial.

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 15.0 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.

Educational Objectives

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

- Evaluate intracranial tumors, vascular abnormalities and traumatic brain injury.
- Discuss the clinical and imaging manifestations of neurodegenerative disease.
- Apply state of the art imaging protocols to evaluate epilepsy to clinical practice.
- Recognize image characteristics of common neurovascular disease processes.
- Utilize CTA and MRA in neuroradiology applications.
- Describe the changing role of imaging in the management of spine disease.

No special educational preparation is required for this CME activity.

**AMA PRA Category 1 Credit(s)TM
for this activity may be claimed until January 14, 2021.**

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.

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Faculty

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Newport Beach, CA
Adjunct Clinical Professor of Radiology
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Stanford, CA*

Allan L. Brook, M.D., FSIR

*Professor of Clinical Radiology & Neurosurgery
Albert Einstein College of Medicine
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Montefiore Medical Center
Bronx, NY*

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*Assistant Professor of Radiology
Director of Spine Imaging and Intervention
University of Southern California, Keck School of Medicine
USC Norris Cancer Hospital, Keck Hospital of USC Los Angeles County
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*Medical Director
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Minneapolis, MN*

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Program

Session 1

Cerebrovascular Anatomy and Disease: A Tutorial

Allan L. Brook, M.D., FSIR

Imaging Update: Cerebral Aneurysms

J. Pablo Villablanca, M.D., FACR

Session 2

Imaging Traumatic Brain Injury

Blake A. Johnson, M.D., FACR

MR Imaging of Skull Base Pathology

Wende N. Gibbs, M.D., M.A.

CT and MR of Sellar and Parasellar Imaging

J. Pablo Villablanca, M.D., FACR

Session 3

CNS Infections

Blake A. Johnson, M.D., FACR

CT and MR Imaging of Dural Sinus and
Cortical Vein Thrombosis

J. Pablo Villablanca, M.D., FACR

Spine Pathology: A Compartmental Approach

Allan L. Brook, M.D., FSIR

Session 4

Back Pain: Imaging and Intervention

Wende N. Gibbs, M.D., M.A.

Optimizing Imaging of the Post-Operative Spine

Lawrence N. Tanenbaum, M.D., FACR

Vertebral Augmentation: Techniques and
Literature Review

Allan L. Brook, M.D., FSIR

Session 5

CT Guided Interventions for Pain Management

Allan L. Brook, M.D., FSIR

Spine Trauma: CT and MRI

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

Misses and Misinterpretations in Multiple Sclerosis

Timothy M. Shepherd, M.D., Ph.D.

Session 6

Strategic Approach to Brain Tumor Imaging

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

Advanced Imaging of CNS Neoplasms-Characterization
and Surveillance

Lawrence N. Tanenbaum, M.D., FACR

Acute Stroke Rescue

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

Session 7

Atypical Brain Lesions

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

Susceptibility: Friend or Foe

Lawrence N. Tanenbaum, M.D., FACR

Beyond The Canal: Imaging Anatomy and Pathology of
Peripheral Nerves

J. Pablo Villablanca, M.D., FACR

CT Assessment of Acute Stroke

Lawrence N. Tanenbaum, M.D., FACR

Session 8

Brain Mapping for Private Practice Radiology

Timothy M. Shepherd, M.D., Ph.D.

Imaging of Neurodegenerative Disorders

Wende N. Gibbs, M.D., M.A.

Useful Protocols and Anatomy for
Functional Neurosurgery

Timothy M. Shepherd, M.D., Ph.D.

Session 9

Time-Efficient Expert Search Patterns for Epilepsy

Timothy M. Shepherd, M.D., Ph.D.

Disorders of CSF Pressure and Flow

Wende N. Gibbs, M.D., M.A.

Avoiding Diagnostic Pitfalls in Neuroradiology

Blake A. Johnson, M.D., FACR

CME Teaching Activity

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