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)™. 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)™ 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.
2018
Neuroradiology in Clinical Practice

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

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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
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