MAYO CLINIC

Physician Update Neurosciences

December 2009

Grand Rounds Presentations

See videos of select Mayo Clinic Grand Rounds presentations.

New presentations are posted regularly.

Refer a Patient

To refer a patient or arrange a consultation:
Arizona Referrals
866-629-6362 (toll-free)

Florida Referrals
800-634-1417 (toll-free)

Minnesota Referrals
Neurology
507-284-1588

Neurosurgery
507-284-8008

Other Consults
800-533-1564 (toll-free)

Clinical Trials

Clinical Trials Open to Patient Recruitment for Brain and Nerve Disease Research

Continuing Medical Education

Mayo School of Continuous Professional Development
Neurology and Neurologic Surgery Course Offerings

Comments?

We're interested in your feedback about this newsletter.

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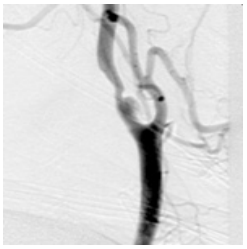
Patient Care

Intracranial Aneurysm Management

Mayo Clinic physicians achieve optimal outcomes for patients with intracranial aneurysms through a multidisciplinary approach that begins in the emergency department and extends through treatment, management in intensive care, recovery in a rehabilitation unit and post-recovery checkups. A follow-up plan to watch for aneurysm regrowth may be developed.
Learn more.

Carotid Angioplasty with Stent Placement — An Alternative to Endarterectomy



Carotid angioplasty with stent (CAS) placement is an emerging alternative to carotid endarterectomy for the treatment of patients with carotid artery occlusive disease. In Mayo Clinic's CAS placement protocol, vascular neurologists, interventionalists, neurosurgeons and, if necessary, cardiologists meet with patients to determine treatment. The protocol allows physicians to select patients for CAS technology carefully and appropriately.
Learn more.

Managing Arteriovenous Malformations (AVM)

Treatment for AVM has to be carefully individualized to minimize risk to the patient and maximize the chance for obliterating the lesion. Surgery, radiosurgery and embolization, alone or in combination, are options. A multidisciplinary treatment model works best to ensure that these variables receive a thorough and expert evaluation.
Learn more.

Research

Patient "Writes" On A Computer With Brain Waves

Neuroscientists at Mayo Clinic in Florida have demonstrated how technology can help a person "write" on a computer screen by focusing brain waves. They say the research is a baby step toward assistive devices controlled by a brain-computer interface which could help people with disorders such as Lou Gehrig's disease.
Learn more.

Secondary Stroke Prevention

A stroke prevention clinic concept may achieve with stroke the success that cardiac rehabilitation clinics have obtained with secondary prevention of coronary heart disease. Mayo researchers are evaluating a physician-led, nurse-assisted program that includes atherosclerotic risk factors management, stroke risk factor modification and long-term follow-up to help close the evidence-practice gap in stroke prevention.
Learn more.

Report on New Illness Related to Pork Processing

Mayo Clinic physicians' initial assessment of a disorder affecting pork processing plant workers suggests the illness is a unique autoimmune neurological disorder caused by exposure to aerosolized brain matter. Workers' antibody levels seemed to correlate directly with the distance between the point of exposure and each worker's primary place in the production line.
Learn more.

Stroke Incidence Remains Steady

Results of a Mayo Clinic study show the incidence of stroke or mini-stroke related to a coronary angioplasty remained steady over a 15-year period. Researchers say this is good news because physicians now are performing the artery-opening procedure on older patients who are sicker and need more complicated treatment.
Learn more.

Education

Pitfalls in Epilepsy and EEG Interpretation

Jan. 23, 2010
Faculty will review current clinical practice related to recognizing seizures and epilepsy in conjunction with adjunctive EEG testing, including details about how technology can lead to incorrect diagnosis and treatment. The format features multimedia presentations and the opportunity for participants to discuss their own cases with the faculty panel.
Location: Mayo Clinic, Jacksonville, Fla.
Contact: 800-462-9633 (toll-free) or cme.jax@mayo.edu
Brochure
Register

Update in EEG, EMG, and Clinical Neurophysiology

Jan. 24-30, 2010
The course covers topics pertaining to clinical neurophysiology, including basic physiology, pathophysiology, EEG, evoked potentials, EMG, movement disorders and intraoperative monitoring. It includes clinical correlation of various neurophysiological tests used for the evaluation of patients. Workshop participants will perform hands-on EMG techniques on normal subjects.
Location: Scottsdale, Ariz.
Contact: 480-301-4580 or mcs.cme@mayo.edu
Brochure
Register

Practical Neurology Update

July 7-10, 2010
This course is both a primer of common neurological, neurosurgical and psychiatric clinical problems faced by primary care providers and an intensive review for neurologists, neurosurgeons or psychiatrists.
Location: Coronado, Calif.
Contact: 480-301-4580 or mcs.cme@mayo.edu
Online registration not yet available

See all Neurology and Neurologic Surgery Continuous Professional Development courses

Mayo Clinic

13400 East Shea Blvd
Scottsdale, AZ 85259

4500 San Pablo Road
Jacksonville, FL 32224

200 First St. SW
Rochester, MN 55905