



July 2011

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To refer a patient or arrange a consultation:

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Patient Care

Pipeline embolization device treats large aneurysms effectively

The FDA has approved a new flow diversion technique for the treatment of large, giant and wide-necked aneurysms. A device is placed across the aneurysm neck to divert blood flow back to the normal vessel and eventually lead to occlusion of the aneurysm. [View video.](#)

CREST study shows similar outcomes for two carotid revascularization procedures

In a randomized trial of 2,502 patients, outcome rates of ipsilateral stroke, myocardial infarction or death were similarly low for patients who received endarterectomy or carotid stenting. Patients older than 70, however, had better outcomes with endarterectomy. [Read more.](#)

Research

BAG-3 implicated in human muscle disease

Researchers who identified specific subtypes of childhood myofibrillar myopathy mutation in a protein product of the BAG-3 gene have isolated a fatal childhood type of MFM. Typically associated with cancer, BAG-3 has not been implicated in human muscle disease before. [Read more.](#)

Study of aging tracks transition to dementia

Researchers tracked 2,000 elderly participants from Olmsted County, Minn., over time to determine the rate at which healthy individuals transition to MCI and from there to dementia. The next goal is to predict transition using imaging and biomarkers. [Read more.](#)

Guidelines define two new phases of Alzheimer's disease

The Alzheimer's Association's new guidelines identify presymptomatic and mildly symptomatic but predementia stages of Alzheimer's disease. A Mayo neurologist discusses the significance of predementia. [View video.](#)

Not all yips are psychological

Studies indicate that involuntary muscle contractions are to blame for some golfers' yips. Data collected through use of a special glove shows that some golfers with involuntary movement have an increase in pronation and supination and co-contraction of muscles that extend and flex the wrist. [Read more.](#)

International team discovers susceptibility genes for PSP

A genomewide association study of DNA sequence variations indicates that patients with progressive supranuclear palsy have variants in their tau gene, as expected, but researchers also found three SNPs that appear to be candidate PSP genes. All three have neurological functions. [Read more.](#)

Grand Rounds

Mayo Clinic Grand Rounds Presentations

New [Grand Rounds presentations](#) are available online.

Education

Mayo Clinic Stroke and Cerebrovascular Disease Review

Sept. 8-11, 2011

This course updates participants on areas of clinical interest in vascular neurology, including:

- Management of asymptomatic vascular lesions, including arteriovenous malformations, cavernous malformations, cerebral aneurysms, and carotid stenosis
- Diagnostic and therapeutic approaches to brain attack

- Major single-gene disorders that cause stroke

Location: Amelia Island, Fla.

Contact: 800-462-9633 (toll-free) or [email](#)

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Practical Clinical Neurology for the Primary Care Physician

Oct. 26-29, 2011

This intensive, practical review emphasizes advances in and evidence-based approaches to the diagnosis and treatment of common neurological clinical problems that face internists, family practitioners, neurologists, and physicians and nurse practitioners in their daily practices.

Location: Orlando, Fla.

Contact: 800-462-9633 (toll-free) or [email](#)

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Neuroradiology: Practice to Innovation

Nov. 7-11, 2011

Participate in practical discussion and review of common diseases involving the brain, head and neck, and spine. View common imaging strategies, new trends, relevant techniques, and applications in diagnostic and therapeutic neuroradiology. Review common endovascular and spinal interventional techniques.

Location: Scottsdale, Ariz.

Contact: 866-246-1581 (toll-free) or [email](#)

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Endoscopic Sinus and Skull Base Surgery: State of the Art

Nov. 10-12, 2011

Comprehensive programming addresses contemporary techniques in endoscopic sinus, skull base and orbital pathology, discusses novel approaches in systemic and topical medical therapy in rhinosinusitis, and explores strategies in optimizing outcomes.

Location: Scottsdale, Ariz.

Contact: 480-301-4580 or [email](#)

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