



Fall 2008

Referring a Patient

To refer a patient or arrange a consultation:

[Arizona Referrals](#)

(866) 629-6362

[Florida Referrals](#)

(800) 634-1417

[Minnesota Referrals](#)

[Neurology](#)

(507) 284-1588

[Neurosurgery](#)

(507) 284-8008

[Other Consults](#)

(800) 533-1564

Clinical Trials

Clinical Trials Open to Patient

Recruitment for [Brain and](#)

[Nerve Disease Research](#)

Continuing Medical
Education

[Neurology and Neurosurgery](#)

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Comments?

We're interested in your

[feedback](#) about this newsletter.

Neurology and Neurosurgery news from Mayo Clinic.

Patient Care

Stereotactic Radiosurgery: A Noninvasive Option

[Stereotactic radiosurgery](#) is the single-session, focused delivery of radiation to an image-defined intracranial target. Used as an alternative to or in conjunction with traditional neurosurgery, radiosurgery is an excellent noninvasive option for a number of conditions.

Management Options for Primary Hyperhidrosis

Although, hyperhidrosis has only recently been recognized as a serious medical condition, Mayo Clinic has a long history of treating [primary hyperhidrosis](#). Management includes surgical and nonsurgical options as well as measuring severity and anatomic distribution. For severe cases, Mayo offers a unique improved surgical approach.

Surgical Management of Acromegaly

[Acromegaly](#) can distort physical appearance and it increases the risk of cardiovascular disease, diabetes, high blood pressure, lung disease, colon cancer and loss of vision. The disease is almost always caused by a growth-hormone-producing pituitary adenoma.

This is a complex disease that overlaps many subspecialties and requires a team approach to treatment.

Research

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Long-Term Risk of Hemorrhage in Unruptured Intracranial Aneurysms

A new Mayo Clinic study found that the risk of a [brain aneurysm rupturing](#) is dependent on the location and size of the aneurysm.

Potential New Therapeutic Target for Progressive Multiple Sclerosis

A new Mayo Clinic study found that two particular enzymes were elevated in patients with progressive multiple sclerosis (MS). The levels of these enzymes also were associated with patients' levels of disability. This gives researchers [new hope in developing a therapy](#) for patients with progressive MS.

[Video of Isobel Scarisbrick, Ph.D.](#)

New Deep Brain Stimulation Sensor Measures Chemical Levels in the Brain

A deep brain stimulation consortium (including Mayo Clinic physicians, scientists and engineers) has developed a [wireless sensor](#) that can detect chemical activity in the brain.

[Video of Kevin Bennet](#), chair of the Mayo Clinic Division of Engineering

Parkinson Disease: Pathways to Prevention

Mayo Clinic researchers are changing concepts about the [molecular basis for Parkinson disease](#) and generating new ways of identifying those at risk before the disease strikes.

Education

Neuroradiology: Practice to Innovation

Nov. 9-14, 2008

Designed for the practicing radiologist whose work involves

neuroradiology or for those involved in the neurological sciences or related fields. Practical discussion and review of common diseases involving the brain, head/neck and spine.

Location: Fairmont Kea Lani, Maui, Hawaii

Contact: (866) 246-1581 or pearson.sherry@mayo.edu

[Brochure](#)

4th Mayo Clinic International Spine Symposium

Feb. 1-5, 2009

This annual five-day CME event features the latest in new treatment strategies and techniques for orthopedists, neurosurgeons and neuroscientists involved in treating patients with spinal disorders.

Location: Ritz-Carlton Kapalua Resort, Oahu, Hawaii

Contact: (800) 323-2688 or cme@mayo.edu

[Brochure](#)

[Online Registration](#)

Electromyography and Electroencephalography in Clinical Practice

March 8-14, 2009

A review of basic concepts of nerve conduction studies, needle EMG, EEG, evoked potentials, intraoperative monitoring and autonomic and sleep studies.

Location: Amelia Island Plantation, Florida

Contact: (800) 462-9633 or cme-jax@mayo.edu

[Brochure](#)

[See all Neurology and Neurosurgery Continuing Medical Education courses.](#)

New on Staff

Arizona

[Alyx Porter, M.D.](#), Neuro-oncology

Florida

[Elliot Dimburg, M.D.](#), Neurology

Minnesota

[Giuseppe Lanzino, M.D.](#), Neurosurgery

[Ian Parney, M.D., Ph.D.](#), Neurosurgery

[Nicholas Wetjen, M.D.](#), Neurosurgery, Pediatrics

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