



## November 2010

### 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)

[Online Referrals](#)

### Grand Rounds Presentations

See videos of select Mayo Clinic Grand Rounds presentations.

### Physician Update Video Blog

[View videos and abstracts](#)

### Clinical Trials

Clinical Trials Open to Patient Recruitment for [Brain and Nerve Disease Research](#)

### Continuous 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

### Improved instrumentation makes surgical correction for cervical kyphotic deformity reconstruction feasible for more patients

Using 3-D image guidance modified when necessary and a 360° approach when indicated, Mayo neurosurgeons are improving outcomes for the correction and maintenance of cervical kyphotic deformity reconstruction in appropriate patients. [Read more.](#)

### Inflammation causes some postsurgical neuropathies

Research shows that nerve inflammation may cause postsurgical neuropathy, the pain, numbness and weakness that often follows surgical procedures. The neuropathy may be caused by the immune system attacking the nerves and is potentially treatable with immunosuppressive drugs. [Read more.](#)

### Neurophysiology lab offers specialty diagnostic testing

Specialists at the new neurophysiology laboratory at Mayo Clinic in Florida use expanded facilities and enhanced equipment to perform EMG and EEG testing and unique autonomic testing to diagnose complex neuromuscular disorders. [Read more.](#)

## Research

### Integrated research addresses neural regeneration in the spinal cord, brain and limbs

Mayo researchers use advanced biomedical technology and novel methods of tissue engineering to manipulate neural growth factors, guidance cues, and the extracellular environment. The collaboration brings progress toward regenerating nerves once considered impossible to save. [Read more.](#)

### Researchers make critical step toward development of a vaccine for grow-and-go tumors

New research at Mayo Clinic explains the systemic suppression effects of gliomas on the immune system and identifies reproductive mechanisms of brainstem tumor cells and the pathways that might be used to target them with immunotherapy. [Read more.](#)

## Grand Rounds

### Mayo Clinic Grand Rounds Presentations

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

[Neurogenic Orthostatic Hypotension](#)

## Education

## **Multiple Sclerosis 2011: Update and Practical Management Strategies**

March 5-6, 2011

Practical management strategies, evidence-based clinical guidance and explanations of the latest research advances help physicians provide optimal care for patients with multiple sclerosis.

Location: Scottsdale, Arizona

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

Online registration not available

## **Electromyography, Electroencephalography, and Neurophysiology in Clinical Practice**

March 6-12, 2011

Review concepts of nerve conduction studies, needle EMG, EEG, evoked potentials, intraoperative monitoring, and autonomic and sleep studies with emphasis on techniques, interpretation, and electrodiagnostic approaches to clinical disorders.

Location: Amelia Island, Florida

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

[View brochure](#)

[Register now](#)

## **Sixth Spine Symposium**

March 20-24, 2011

Programming designed for surgeons and nonoperative clinicians treating patients with spinal disorders and spinal deformity addresses current health-quality measures, minimally invasive surgical techniques and the latest advances.

Location: Key West, Florida

Contact: 800-323-2688 (toll-free) or [email](#)

Online registration not available

## **Mayo Headache Symposium**

April 29-May 1, 2011

This course provides an update in the diagnosis and management of both primary and secondary headache disorders. Format includes lectures, expert panel discussions, interactive question-and-answer sessions, and small-group discussions.

Location: Chicago, Illinois

Contact: 800-323-2688 (toll-free) or [email](#)

[Register now](#)

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## **New Staff**

Elias A. Giraldo, M.D., Department of Neurology in Minnesota

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