



January 2011

Refer a Patient

To refer a patient or arrange a consultation:

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866-629-6362 (toll-free)

[Florida Referrals](#)
800-634-1417 (toll-free)

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507-284-1588

[Neurosurgery](#)
507-284-8008

[Other Consults](#)
800-533-1564 (toll-free)

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Grand Rounds Presentations

See videos of select Mayo Clinic [Grand Rounds presentations](#).

Physician Update Video Blog

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Clinical Trials

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

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Comments?

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Patient Care

Radical en bloc resection removes chordomas intact to prevent tumor recurrence

Metastatic spine tumors and chordomas, increasingly common as the number of cancer survivors grows, can cause fractures, pain, neurologic dysfunction, and death. Without surgery, chordomas are fatal in up to 70% of patients. [Read more.](#)

Good nutritional control prevents polyneuropathy after bariatric surgery

A retrospective cohort study indicates that a multidisciplinary approach of intensive nutritional management before and after surgery with frequent follow-up greatly decreased development of peripheral neuropathy (especially sensory polyneuropathy) in patients receiving bariatric surgery. [View video.](#)

NAEC Level 4 Epilepsy Center provides care for complex cases

An expanded epilepsy monitoring unit, mobile and continuous video-EEG monitoring capability, intraoperative MRI, and subtraction ictal SPECT coregistered to MRI (SISCOM) helped earn Mayo Clinic in Florida an NAEC Level 4 Epilepsy Center designation. [Read more.](#)

Research

Researchers study mechanisms of premature bone fusion to advance treatment for craniosynostosis

Research conducted at Mayo Clinic indicates that before birth, bone at the cranial sutures grows in response to signals from the dura mater and that in craniosynostosis, gene mutations alter the signal or signaling process. [Read more.](#)

Leptin and LRP1 receptors must work together to transmit signals that regulate appetite and metabolism

In research conducted at Mayo Clinic in Florida, mice engineered not to express the lipoprotein receptor LRP1, in the brain's hypothalamus, began to eat uncontrollably, growing obese as well as lethargic. [Read more.](#)

Unexpected finding helps identify an agent that protects against dementia

An international team led by researchers at Mayo Clinic in Florida found that people with a mutated progranulin gene who also inherited two copies of a specific variant of the TMEM106B gene are less likely to develop frontotemporal lobar degeneration. [Read more.](#)

Grand Rounds

Mayo Clinic Grand Rounds Presentations

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

Education

Multiple Sclerosis 2011: Update and Practical Management Strategies

March 4-5, 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](#)

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Mayo Clinic 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](#)

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6th Mayo Clinic 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](#)

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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](#)

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New Staff

[Andrea N. Leep Hunderfund, M.D.](#), Department of Neurology in Minnesota

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