



November 2011

Refer a Patient

To refer a patient or arrange a consultation:

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800-634-1417 (toll-free)

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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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Patient Care

Estrogen may prevent strokes in premature or early menopausal women

Combined results from a recent Mayo Clinic study with six other studies found that estrogen is protective for stroke before age 50. Women who experience premature or early menopause should consider taking estrogen to prevent stroke. [Read more.](#)

Neurostimulation program's DBS team documents positive results

A series of studies confirms that treatment with deep brain stimulation results in improved outcomes for patients with Parkinson's disease, essential tremor, neuropathic pain and restless legs syndrome. The DBS team is also participating in clinical trials that test a new stimulator. [Read more.](#)

Research

Guidelines provide better definition for Alzheimer's preclinical stage

New guidelines attempt to define criteria for Alzheimer's preclinical phase, which is increasingly recognized as a long latent stage of the disease in which Alzheimer's pathology and biomarkers of that pathology become abnormal, while subjects remain clinically asymptomatic. [Read more.](#)

Researchers add specificity to research data to aid treatment of Chiari malformation

Identification through MRI, patient registry, and review of Mayo's large practice in Chiari malformation and syringomyelia allows specialists to trace the natural history of these disorders and to predict symptom onset and recovery from surgical intervention. [Read more.](#)

Discoveries about CNS repair may alter treatment of neurological diseases

Researchers found that the effects of immunization with myelin in mice with Theiler's virus resulted in increased remyelination, identified two new reparative antibodies, and discovered that transgenic mice altered to express the virus-replicating 3Dpol gene could resist the virus. [Read more.](#)

Grand Rounds

Mayo Clinic Grand Rounds Presentations

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

Education

Mayo Clinic Electromyography (EMG), Electroencephalography (EEG), and Neurophysiology in Clinical Practice

Jan. 29-Feb. 4, 2012

Review techniques and topics related to basic physiology, pathophysiology, evoked potentials, movement disorders, and intraoperative monitoring. Discuss clinical correlation of neurophysiological tests used to evaluate patients with epilepsy, sleep disorders, movement disorders, and peripheral nerve and neuromuscular disorders.

Location: Scottsdale, Ariz.

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

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7th Mayo Clinic Spine Symposium

March 25-28, 2012

This program, designed for surgeons as well as nonoperative

clinicians with special interest in the treatment of spinal disorders, is presented through didactic lectures, panel discussions, debates and case presentations. Maintenance of Certification facilitated self-assessment exams in orthopedics and neurosurgery are offered.

Location: Naples, Fla.

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

[Register now](#)

Mayo Clinic Concussion Symposium

May 5-6, 2012

Highlights include epidemiology of concussion in sport and military combat, pathophysiology of concussion, sideline and outpatient clinical evaluation, standard and novel diagnostic strategies, and implementation of return-to-activity guidelines. Enjoy lectures, workshops, panel discussions and live two-way remote audio-video concussion evaluations using robotic teleconcussion technology.

Location: Scottsdale, Ariz.

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

Hot Topics in Neurology and Neurologic Surgery for the Primary Clinician

June 7-8, 2012

Learn about newer interventional therapies available to various neurological and neurosurgical conditions, evaluation and triage of patients in a cost-effective manner in regards to tertiary care neurological therapeutics and management of common, uncomplicated neurological conditions.

Location: Rochester, Minn.

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

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New Staff

[Matthew T. Hoerth, M.D.](#), Neurology in Arizona

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