

April 2011

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## Grand Rounds Online

See videos of select Mayo Clinic Grand Rounds presentations.

## Physician Update Video Blog

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## Clinical Trials

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## Comments?

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## Patient Care

### Robotic surgery offers improved cure rates and fewer complications for some oral cancers

Minimally invasive transoral robotic surgery provides 3-D imaging and articulated instruments that enhance a surgeon's ability to navigate challenging anatomy. The surgery offers an effective alternative treatment for some patients with oral cancers. [Read more.](#)

### Treatment options vary for urinary incontinence in women

Treatment options for urinary incontinence in women, including minimally invasive collagen and bulking agents, outpatient procedures such as transobturator slings and suprapubic slings, and surgical procedures that may require autologous and cadaveric slings, offer varying advantages and disadvantages. [View video.](#)

### Treatment-related urinary incontinence impacts quality of life for men

Urinary incontinence may occur in men as a result of surgery and radiation for prostate cancer or surgery for urinary blockages. Various treatment alternatives (including surgical) offer advantages and disadvantages. [View video.](#)

### Medical and surgical treatment options offer relief for patients with trigeminal neuralgia

Mayo specialists collaborate to diagnose and determine the best treatment alternatives for patients with facial pain. Therapeutic success is particularly dependent on differential diagnosis to distinguish classic TN from other types of facial pain. [Read more.](#)

## Research

### Researchers work to pinpoint the exact moment and precise location of seizure generation

The discovery that seizurelike events can occur in pathologic microdomains in humans indicates that seizures may begin before they are evident clinically. Future devices may warn patients that a seizure is imminent or prevent a seizure. [Read more.](#)

### MeTeOR evaluates treatment options for patients with meniscal tears and osteoarthritis

A federal trial studies patients with both meniscal tears and osteoarthritis to identify which variables are predictors of bad outcomes from arthroscopy, and which are predictors of good outcomes in the form of improved functional status. [Read more.](#)

### PARTNER evaluates cardiac valve that can be placed without a median sternotomy

Early study results indicate survival at 1 year was higher for patients who received transfemoral implantation of a balloon-expandable, stented bioprosthesis with standard medical management than for patients who received only medical therapy. [Read more.](#)

## Grand Rounds

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

## Education

### Essentials of HIV Medicine

This first course in the Mayo Clinic HIV eCurriculum Series comprises 13 modules that address essential general HIV knowledge, including epidemiology, the biology of the HIV virus, diagnosis, and basic treatment principles. Each module has learning objectives specific to that module.

Contact: 800-462-9633 (toll-free) or [email](#)  
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### 32nd Annual Practice of Internal Medicine

May 2-6, 2011

This course focuses on advances in the management of a variety of medical issues seen in the areas of gastroenterology, infectious diseases, general internal medicine, rheumatology, geriatrics, emergency medicine, pulmonology, endocrinology, cardiology, neurology, and women's health.

Location: Rochester, Minnesota  
Contact: 800-323-2688 (toll-free) or [email](#)  
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**Mayo Clinic Quality Academy Conference: Creating and Paying for Value in Health Care**

May 3-4, 2011

Learn about best practices that can be implemented in clinical practice. The course offers education, collaboration and modeling of systems engineering techniques such as Lean and Six Sigma. Human factors systems, processes, and workflows are demonstrated.

Location: Rochester, Minnesota

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

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**18th Annual Clinical Reviews and Primary Care Update**

June 6-10, 2011

Lectures, discussions, and workshops focus on challenges in various areas of medicine, surgery, and pediatrics and include updates in the areas of cardiology, dermatology, endocrinology, gastroenterology, infectious diseases, internal medicine, neurology, women's health, pediatrics, pulmonology, and sports medicine.

Location: Amelia Island, Florida

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

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**Hot Topics in Neurology and Neurosurgery for the Primary Care Clinician**

June 9-10, 2011

Programming addresses advances in interventional therapies for neurological and neurosurgical conditions that have evolved over the last 10 years, including deep brain stimulation and endovascular interventions for cerebrovascular disease. Presentations will prepare clinicians to identify patients who are most appropriate candidates for the new invasive neurotherapeutics.

Location: Rochester, Minnesota

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

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