

## February 2011

### Refer a Patient

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866-629-6362 (toll-free)

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

[Minnesota Referrals](#)  
800-533-1564 (toll-free)

[Online Referrals](#)

### Grand Rounds Online

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

### Continuous Medical Education

[Mayo School of Continuous Professional Development](#)

### Comments?

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## Patient Care

### 3D TEE complements 2D echocardiography in assessment of valvular heart disease

Mayo cardiologists use 3D transesophageal echocardiography for rapid assessment of surgical pathology, to confirm diagnosis of complications of endocarditis, and to help identify whether pacemaker or intracardiac defibrillator leads are contributing to tricuspid regurgitation. [Read more.](#)

### Behavioral medicine consultations produce improved patient satisfaction and outcomes

More than half of Mayo Clinic behavioral medicine consultations occur in integrated practice settings. Mayo was also the initial rollout site for the DIAMOND project, which incorporates a patient health questionnaire to track response to treatment over time. [Read more](#) and [view video.](#)

### New project ensures treatment of diabetic retinopathy in Mayo employees

Fewer than 50% of people with diabetes have yearly eye examinations, often because eye care is not controlled by their primary care physician. Mayo now provides convenient access to retinal photographs in the primary care setting. [Read more.](#)

## Research

### TCF4 gene responsible for up to 75% of Fuchs corneal dystrophy

Researchers discovered a strong association between the transcription factor 4 gene (TCF4) on chromosome 18 and FCD. A genome-wide association study allowed simultaneous comparison of 330,000 alleles between affected and unaffected subjects. [Read more](#) and [view video.](#)

### Surgery effective for patients with aggressive prostate cancer

In a study of patients with the most aggressive forms of prostate cancer, those who had radical prostatectomy procedures had an overall survival rate of 77 percent. The survival rate for patients who had radiation therapy alone was 52 percent. [View video.](#)

### Leptin and LRP1 receptors work together to 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.](#)

### Multiple myeloma-associated gene enables disease-causing mutations

Collaborative researchers studying the multiple myeloma set domain (MMSET) gene have found that, although the normally functioning gene plays a restorative role within the genome, when MMSET malfunctions, a cascade of mutations take place that can lead to disease processes. [Read more.](#)

## Grand Rounds

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

## Education

### Essentials of HIV Medicine—eLearning

This first course in the Mayo Clinic HIV eCurriculum Series is comprised of 13 modules that address essential general HIV knowledge. Participants are required to:

- Perform a one-time simple registration process for the course to set up a login ID and password to allow access to the course through a password-protected portal
- Progress sequentially from the first module to the next
- Print the module content, review, and then log in again and respond to post-test questions before progressing to the next module

CME credits and a certificate of attendance and completion are

awarded. There is no registration fee.  
Contact: 800-462-9633 (toll-free) or [email](#)  
[Register now](#)

**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 optimally care for patients with multiple sclerosis.

Location: Scottsdale, Arizona

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

[View brochure](#)

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**7<sup>th</sup> Annual Women's Health Update**

March 10-12, 2011

Innovative educational program addresses topics relevant to women's health across the life span, including breast cancer, thromboembolic disease, chronic anemia, and lipid-lowering therapy. Participants gain insight into recent initiatives and explore a basic approach to addressing common health concerns for women.

Location: Scottsdale, Arizona

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

[View brochure](#)

[Register now](#)

**Clinical Reviews—A Family Medicine and Internal Medicine Update**

March 23-26, 2011

Review recent advances in internal and family medicine plus clinical programs and management strategies in major subspecialties, including gastroenterology, endocrinology, neurology, pulmonology, and cardiology. Optional hands-on afternoon workshops will be offered at the Simulation Center at Mayo Clinic Hospital.

Location: Scottsdale, Arizona

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

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