

## January 2011

### Refer a Patient

[Arizona Referrals](#)  
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?

We're interested in your [feedback](#) about this newsletter.

### Pass It On

Invite a friend to [subscribe](#) by forwarding this newsletter.

## Patient Care

### 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.](#)

### Deep brain stimulation restores functions and relieves pain

Research conducted at Mayo Clinic shows that for certain movement disorders and nonmotor syndromes and conditions in carefully selected patients, stimulating neural activity through surgically implanted electrodes can markedly improve quality of life. [Read more.](#)

### Diagnosis and localization of pheochromocytoma

There are several reasons to suspect, confirm, localize, and resect catecholamine-secreting tumors. Associated hypertension is curable with removal, risk of lethal hypertensive paroxysm exists, 10% of the tumors are malignant, and detection may result in early diagnosis in family members. [Read more.](#)

### Dual-energy CT increases the accuracy of kidney stone disease characterization

Dual-energy CT scans provide 75% to 100% accuracy in identifying uric acid stones from other stone composition, which may help patients avoid unnecessary surgical intervention. Dual-energy CT also clearly differentiates between stone fragments and stents. [View video.](#)

## Research

### Hyperinsulinemia common to risk factors for cancer and diabetes

Pancreatic, colorectal, breast, hepatobiliary, bladder, and endometrial cancers occur frequently in people with type 2 diabetes. Older age, male sex, obesity, diminished physical activity, a high-calorie diet, excessive alcohol, and smoking are associated with both diseases. [Read more.](#)

### Research identifies initial steps taken by attachment proteins and receptors of the measles virus

Measles virus still affects 10 million people and kills some 197,000 each year. Mayo researchers have shown that proteins on the surface of a cell twist a viral protein into position, allowing the virus to start infection and cause disease. [Read more.](#)

### Uveal melanoma treatment minimizes vision loss

Researchers at Mayo Clinic have evaluated a new plaque design that allows for in situ radiation of an iris melanoma. The innovation precludes removal of the melanomas, yet decreases the amount of radiation to other portions of the eye. [Read more.](#)

## Grand Rounds

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

## Education

### Pain Medicine: A State-of-the-Art Course in Pain Management for the Non-Pain Specialist

February 28-March 4, 2011

This course addresses the integration of pain services across disciplines to improve pain control in acute-, chronic-, and cancer-pain populations. Updates on critical issues in the management of chronic, non-cancer, and cancer pain are included.

Location: Koloa, Kauai, Hawaii

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

[View brochure](#)

[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](#)

[Register now](#)

**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](#)

[View brochure](#)

[Register now](#)

[See all Continuous Professional Development courses](#)

[www.mayoclinic.org](http://www.mayoclinic.org)

[Newsletter Archive](#) | [Contact Mayo Clinic](#) | [For Medical Professionals](#)

[Subscribe](#)

© 2010 Mayo Clinic. All rights reserved. [Terms of Use](#).

13400 East Shea Blvd  
Scottsdale, AZ 85259

**Mayo Clinic**  
4500 San Pablo Road  
Jacksonville, FL 32224

200 First St. SW  
Rochester, MN 55905