

## November 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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## Patient Care

### Fall-prevention training targets amputees wounded in war

Orthopedic researchers are working to improve the mobility of war-wounded amputees through a novel high-technology rehabilitation study. A computerized system allows researchers to create controlled falls while the amputee walks on a treadmill at various paces wearing a safety harness. [Read more.](#)

### Customized scleral contact lenses provide an affordable, effective treatment for patients with corneal disease

Mayo ophthalmologists have fitted 180 patients (275 eyes) with Jupiter design pre-made diagnostic scleral lenses that differ in diameter and base curve. Lenses are customized to provide excellent vision and comfort for each patient. [Read more.](#)

### Reverse shoulder arthroplasty benefits a range of shoulder pathologies

With improvements in implant technology and refinements in reverse shoulder arthroplasty technique, excellent functional outcomes are obtained in select patients with rotator cuff deficiencies. The reverse approach is also successfully used across a broad spectrum of shoulder pathologies. [Read more.](#)

## Research

### Tight glycemic control may not have any effect on mortality rates

Researchers incorporated results of the NICE-SUGAR trial and the Leuven study with many other, smaller studies in an attempt to resolve the disparate results and answer the question of whether tight glycemic control helps or hurts patients. [Read more.](#)

### Heightened awareness results in large-scale screening for vitamin D deficiency

Clinical laboratories use markedly different methods for vitamin D testing. Liquid chromatography tandem mass spectrometry (LC-MS/MS) is superior to most competitive immunoassays and receptor-binding assays even though some LC-MS/MS methods can be laborious and complex. [Read more.](#)

### Tantalum cone implants prove durable in revision total knee arthroplasty

Reconstruction of large bone defects in revision total knee arthroplasty remains challenging. A new alternative treatment, metaphyseal-filling implants fabricated from porous tantalum, provides encouraging results in 24 patients. [Read more.](#)

## Grand Rounds

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

## Education

### 6th Annual Practical Course in Dermoscopy & Update on Malignant Melanoma

Dec. 2-4, 2011

This course reviews management practices and advances in the care of patients with cutaneous melanoma, including epidemiology, prevention, pathology, genetic syndromes, advances in genomics, imaging, and medical and surgical treatment, plus in-depth immersion into dermoscopy for imaging of skin lesions.

Location: Scottsdale, Ariz.

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

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### Clinical Hematology and Oncology 2012: The 9th Annual Mayo Review

Jan. 12-14, 2012

This course addresses issues related to hematologic and oncologic malignancies, including new disease classification, treatment and challenging cases. Topics include dysproteinemias, acute and chronic leukemias, lymphomas, key solid tumors, and overlap topics of supportive, ancillary and diagnostic care.

Location: Scottsdale, Ariz.

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

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## 24th Annual Selected Topics in Internal Medicine

Jan. 23-27, 2012

Lectures summarize recent updates, studies and guidelines that impact practice, including indications and adverse effects of new FDA-approved medications, clinical pearls in general internal medicine, gastroenterology, infectious diseases and men's health, and HIV medicine screening guidelines and prevention in case of needle stick.

Location: Maui, Hawaii

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

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## Psychiatry in the Medical Setting

Jan. 26-28, 2012

Review principles of psychiatric diagnosis and the management of patients in medical-surgical inpatient and outpatient settings. Topics include management strategies for depression and identification and treatment of anxiety disorders in patients with comorbid medical illnesses and evidence-based treatments for health anxiety.

Location: Phoenix, Ariz.

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

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## New Staff

[Paul E. Croarkin, D.O.](#)

Psychiatry and Psychology in Minnesota

[Tri A. Dinh, M.D.](#)

Medical and Surgical Gynecology in Florida

[Shane M. Gillespie, D.O.](#)

Anesthesiology in Minnesota

[Kendra J. Grim, M.D.](#)

Anesthesiology in Minnesota

[Manoj K. Jain, M.D.](#)

Radiology in Florida

[Aaron J. Krych, M.D.](#)

Orthopedic Surgery in Minnesota

[A. Noelle Larson, M.D.](#)

Orthopedic Surgery in Minnesota

[Susan M. Moeschler, M.D.](#)

Anesthesiology and Pain Medicine in Minnesota

[Richard A. Oeckler, M.D., Ph.D.](#)

Pulmonary and Critical Care Medicine in Minnesota

[Hiroshi Sekiguchi, M.D.](#)

Pulmonary and Critical Care Medicine in Minnesota

[Sejal S. Shah, M.D.](#)

Anatomic Pathology in Minnesota

[Suneela Vegunta, M.D.](#)

Women's Health Clinic in Arizona

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