

January 2010

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Patient Care

Robotic Hysterectomy Step By Step

Bobbie Gostout, M.D., provides a step-by-step commentary of a robotic hysterectomy. The procedure shown is a risk-reducing hysterectomy and bilateral sub-oophorectomy for a woman with a BRCA mutation. View video on [Physician Update blog](#).

Technique Improves Accuracy for Locating Seizure Origins

STATISCOM is a new technique used by Mayo Clinic neurologists to identify seizure origins in the brain. STATISCOM improves surgical accuracy and increases probability of seizure freedom for patients with epilepsy. Learn more and view video on [Physician Update blog](#).

Fixation Technique for Distal Humerus Fractures

A parallel-plating internal fixation technique for distal humerus fractures and nonunions provides robust fixation even in fractures formerly considered unfixable. Recently published results of Mayo research shows that in a selected group of complex fractures, no patients experienced hardware failure or fracture re-displacement despite aggressive physical therapy. [Learn more](#).



Anesthesia Risk for Pediatric Surgery Declines

Parents often ask their primary care physicians about the risks involved in procedures that require anesthesia for their children. Mayo Clinic studies of large cohorts — as many as 90,000 children — confirm that the risk for children is higher than for adults, but also show that risk has declined dramatically over the last generation. Learn more and view video on [Physician Update blog](#).

2000th Liver Transplant at Mayo Clinic in Florida

The 2000th liver transplant was recently completed at the Gary and Dianne McCalla Transplant Center at Mayo Clinic in Florida. The liver transplant program there is among the top five programs in the United States and has reported some of the highest volumes, lowest median wait times and highest survival rates in the country. [Learn more](#).

Research

Elastography Now Commercially Available

Physicians can evaluate a patient's liver noninvasively with MR-Touch, the commercial version of Mayo Clinic's magnetic resonance elastography (MRE) technology. MR-Touch uses low frequency sound waves with magnetic resonance imaging to measure the elasticity of liver tissue. [Learn more](#).

Vitamin D Levels Associated with Survival in Lymphoma Patients

The amount of vitamin D in patients being treated for diffuse large B-cell lymphoma was strongly associated with cancer progression and overall survival, according to a new Mayo Clinic study. Learn more and view video on [Physician Update blog](#).

Study Group for Knee Dislocations

Eight knee surgery specialists from the United States and Canada have formed a study group to address the lack of evidence available on which to base a systematic approach to evaluation and treatment of knee dislocations with multiligament injuries. [Learn more](#).

Replacing Metacarpophalangeal Joints

Mayo Clinic researchers report favorable results with the newest generation of implants — nonconstrained pyrolytic carbon arthroplasty — for metacarpophalangeal joint arthritis. [Learn more](#).

Education

Family Practice and Internal Medicine Update

March 24-27, 2010

Clinical review course features Mayo specialists in endocrinology, neurology, pulmonary medicine and cardiology discussing diabetes, cardiovascular disease, seizure disorders and skin lesion assessment. Includes two American Board of Internal Medicine Maintenance of Certificate courses and one Self Assessment Module working group.

Location: [FireSky Resort & Spa](#), Scottsdale, Ariz.

Contact: 480-301-4580

Email: mca.com@mayo.edu

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Register online to receive a \$75 discount.

Perioperative Medicine: Outpatient Preoperative Assessment to Inpatient Postoperative Care

March 25-27, 2010

Sessions focus on the practical, clinical side of preoperative assessment and postoperative management for general internists and family medicine specialists. Topics include cardiac testing using ACC/AHA guidelines, anticoagulant and antiplatelet agent management, prophylactic regimens for deep venous thrombosis and co-morbid disease management.

Location: Mayo Clinic, Rochester, Minn.

Contact: 800-323-2688 (toll-free)

Email: cme@mayo.edu

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Ear, Nose and Throat for the Primary Care Provider

April 9, 2010

This course updates primary care providers on the diagnosis and treatment of common ear, nose and throat problems, including benign paroxysmal positional vertigo, oral lesions, sinus disorders, sleep-disordered breathing and adenotonsillar disease.

Location: Mayo Clinic, Rochester, Minn.

Contact: 800-323-2688 (toll-free)

Email: cme@mayo.edu

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