



August 2010

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Patient Care

Endoscopic mucosal resection eliminates hospital stay and reduces mortality for patients with EAC

Mayo Clinic offers minimally invasive endoscopic mucosal resection (EMR) to patients with mucosal esophageal adenocarcinoma (EAC). Studies show that survival outcomes associated with EMR are comparable to those associated with esophagectomy. [Learn more.](#)

Electronic medical record tracks ADHD pediatric patients' changing needs

A rating scale used in Mayo's electronic medical record tracks the progress of children diagnosed with ADHD over time and across providers. Parents, teachers and physicians complete the scale, which may rule out abuse and vision problems for patients. [Learn more.](#)

Laser photocoagulation decreases the risk of severe visual loss in patients with diabetic retinopathy

Mayo Clinic ophthalmologists use laser photocoagulation to treat proliferative diabetic retinopathy and diabetic macular edema, the leading cause of decreased visual acuity for patients with long-term diabetes mellitus. [Learn more.](#)

Withdrawing VAD support is ethical

An article published in Mayo Clinic Proceedings argues that the patient's right to refuse or request withdrawal of unwanted treatment extends to ventricular assist device (VAD) support, because the cause of death in patients with severe heart failure is underlying heart disease. [Learn more.](#)

Testing lab helps detect and quantify autonomic dysfunction

Autonomic testing can distinguish primary from secondary disorders, true neuropathy from conditions that mimic it, and psychogenic from organic conditions. The Mayo Clinic autonomic testing laboratory helps referring physicians monitor progression and treatment of complex autonomic dysfunction. [Learn more.](#)

Research

Clinical review surveys literature about eating disorders seen in primary care

A recent review details signs and symptoms of primary eating disorders and identifies screening tests and pharmacological and psychosocial approaches to treatment of anorexia nervosa, bulimia nervosa, binge-eating disorder, night-eating syndrome, and eating disorder not otherwise specified. [Learn more and view video.](#)

Clinical protocol reduces CT radiation dose by half

A recently implemented routine head computed tomography (CT) protocol cuts radiation dose by nearly 50 percent. Mayo researchers also report an image-processing algorithm produces high-quality perfusion CT imaging with up to 20 times less the radiation. [Learn more.](#)

Valve-sparing root repair study shows promising results for Marfan syndrome patients

A reimplantation valve-sparing operation that involves resuspending the aortic valve apparatus within the Dacron graft has shown promising results. A National Marfan Foundation-sponsored trial compares the results of the valve-sparing procedure with composite root replacement outcomes. [Learn more.](#)

Grand Rounds

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

Education

Taste of Tropical Medicine — Global Health Volunteerism Short Prep Course

October 29-30, 2010

Sponsored by Mayo Clinic and the University of Minnesota, this free course prepares physicians, nurse practitioners, physician assistants, residents, and medical students to do global health volunteer work.

Location: Rochester, Minnesota

Contact: 507-284-2584 or [email](#) to register

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Update in Hospital Medicine 2010

November 3-6, 2010

Hospital medicine is the fastest growing subset of internal medicine. Relevant discussion topics include cardiovascular disease, corticosteroids use, inpatient dermatology, glycemic control, and pain management.

Location: Tucson, Arizona

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

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Tenth Annual Nutrition and Wellness in Health and Disease

November 4-5, 2010

Challenging issues related to healthy lifestyle behaviors that clinicians encounter in the ambulatory setting are addressed in this overview of the components of health promotion and disease treatment.

Location: San Francisco, California

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

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Professionalism in Health Care: A Call to Action

November 11-13, 2010

Curriculum addresses opportunities and challenges in informing, teaching, learning, and assessing professionalism. Topics include teaching professionalism and addressing lapses, assessing and evaluating professionalism, and research around professionalism.

Location: Amelia Island, Florida

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

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