

April 2010

Grand Rounds Online

See videos of select Mayo Clinic [Grand Rounds presentations](#).

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

Clinical Trials

[Clinical Trials](#) Open to Patient Recruitment

Continuous Medical Education

[Mayo School of Continuous Professional Development](#)

Comments?

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Patient Care

Warfarin Genotyping Cuts Hospital Admissions

Genetic testing helps physicians determine the safest and most effective dose of a blood thinner for each patient. This test significantly reduces the number of hospitalizations during the critical start-up phase, when dosing is typically adjusted by trial and error. [Learn more and view video.](#)

Case Detection of Cushing Syndrome in Adults

Cushing syndrome (CS) is a rare condition associated with increased morbidity and death. Mayo specialists recommend that clinicians exclude exogenous corticosteroid use and pursue biochemical testing presentation, with abnormal results in at least 2 case detection tests, to establish a diagnosis of CS. [Learn more.](#)

Childhood Fractures: When to Worry

One-third of all children sustain a fracture by age 18. Children with 1 or 2 traumatic fractures are unlikely to have an identifiable underlying disorder. Multiple fractures, atypical fractures, low-trauma fractures, and a family history of metabolic bone disease, however, should prompt further investigation. [Learn more.](#)

Endoscopic Advances Usher in Era of Scarless Surgery

Recent endoscopic innovations at Mayo Clinic include direct endoscopic necrosectomy, endoscopic treatment of Barrett's esophagus, and natural orifice transluminal endoscopic surgery (NOTES). NOTES eliminates the skin wounds of open and laparoscopic procedures by using natural anatomic passages, such as the vagina and anus, for access. [Learn more.](#)

Prader-Willi Syndrome

Prader-Willi syndrome (PWS) is a rare genetic disorder characterized by severe hypotonia in newborns and hyperphagia and weight gain in children and adolescents, resulting in morbid obesity. Mayo endocrinologists recommend care from multiple subspecialists through adulthood. Complications of PWS include osteoporosis, sleep-disordered breathing, and sudden death. [Learn more.](#)

Research

Aggressive Prostate Cancer — Toward a Better Test

Approximately 11% of men diagnosed with prostate cancer have aggressive strains that are often discovered too late. Six years ago a search began for biomarkers of those aggressive types — signs in the blood that could alert physicians in time to save more lives. [Learn more.](#)

Determinants of Radiation Skin Dose in Percutaneous Coronary Intervention

Patient size, disease characteristics, and performing physician influence the cumulative radiation skin dose in percutaneous coronary intervention (PCI) patients. Mayo Clinic researchers identified 20 traits that help predict the doses patients receive. Excessive radiation may result in adverse skin effects. Cumulative radiation may increase lifetime cancer risk. [Learn more and view video.](#)

Therapeutic Options for Uterine Fibroids

New nonsurgical options available at Mayo Clinic for uterine fibroids include MRI-guided ultrasound surgery (MRgFUS) and uterine artery embolization (UAE). About 3,000 women are treated each year for these common, noncancerous tumors. A Mayo clinical trial, Uterine Fibroid Treatment: MRgFUS Versus UAE, is currently enrolling participants. [Learn more and view video.](#)

Education

Fundamental Critical Care Support (FCCS) Course

May 24-25, 2010

This limited enrollment skills course exposes primary care practitioners to basic principles of critical care. Participants will use the Mayo Clinic Multidisciplinary Simulation Center to advance their ability to perform initial assessment, management, and stabilization of critically ill patients in anticipation of transport to tertiary care center.

Location: Stabile Building, Mayo Clinic, Rochester, Minn.

Contact: 507-255-2923 or [email](#)

[View brochure](#)

Online Registration Not Available

Clinical Reviews and Primary Care Update – 2010

June 3-11, 2010

The annual retreat includes lectures, discussions, and workshops on challenges of general interest in medicine, surgery and pediatrics. Medical staff from Mayo Clinic and Nemours Children's Clinic in Jacksonville, Fla. address cardiology, dermatology, endocrinology, gastroenterology, infectious diseases, internal medicine, neurology, women's health, pediatrics, pulmonology medicine, and sports medicine.

Location: [The Ritz-Carlton, Amelia Island, Fla.](#)

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

[Register now](#)

Internal Medicine Board Review - Certification and Maintenance of Certification

July 7-12, 2010

Intensive coursework helps candidates apply the finishing touches to preparations for the 2010 American Board of Internal Medicine Certification and Maintenance of Certification Examinations and provides a comprehensive overview of internal medicine for practicing physicians. Optional postcourse ABIM SEP Medical Knowledge Modules are offered on July 13.

Location: Siebens Building, Mayo Clinic, Rochester, Minn.

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

[View brochure](#)

[Register now](#)

Mayo Clinic 13th Annual Internal Medicine Update: Sedona 2010

October 7-10, 2010 or October 21-24, 2010

This is a unique 4-day course offering a practical update on a variety of subspecialty topics, including cardiovascular diseases, dermatology, endocrinology, gastroenterology, neurology, and women's health issues. Early registration is encouraged. A \$75 discount for online registration expires September 10, 2010.

Location: [Hilton Sedona Resort & Spa](#), Sedona, Ariz.

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

Online registration not available

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New Staff

[Myra J. Wick, M.D., Ph.D.](#)

Department of Medical Genetics in Minnesota

Department of Obstetrics & Gynecology in Minnesota

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13400 East Shea Blvd
Scottsdale, AZ 85259

Mayo Clinic
4500 San Pablo Road
Jacksonville, FL 32224

200 First St. SW
Rochester, MN 55905