## Highlights from Medical Grand Rounds

**Perioperative management of diabetes mellitus: striving for metabolic balance**

Attention to several key factors can enhance perioperative glucose control.

*BYRON J. HOOGWERF, MD*

**Asthma: increased mortality warrants aggressive, specific treatment**

What is behind this alarming trend, and what can be done to reverse it?

*MUZAFFAR AHMAD, MD*

*AND MANI S. KAVURU, MD*

## CME Notebook

**INTERNAL MEDICINE UPDATE**

**Tuberculosis: increased incidence demands attention**

*J. WAlTON TOMFORD, MD*

**Risk of heparin-induced thrombocytopenia**

*STEVEN W. ANDRESEN, DO*

**Is rigorous glycemic control worthwhile?**

*BYRON J. HOOGWERF, MD*

**Thyroid nodules: Which should be treated?**

*LARRY M. KOHSE, MD*

## Current Drug Therapy

**Introduction: Drug combinations for the treatment of hypertension**

*DONALD G. VIDT, MD*

**Nontraditional combination pharmacotherapy of hypertension**

Which new combinations hold the most promise for safer, more effective blood pressure control?

*JAMES M. SUTTON, MD*

*AND SUSAN P. BAGBY, MD*

## Contributions

**Aortic valve replacement in young patients: long-term follow-up**

The risk of long-term cardiovascular complications necessitates close follow-up through late childhood and adulthood.

*DOUGLAS S. MOODIE, MD*

*USAMA HANHAN, MD*

*RICHARD STERBA, MD*

*DANIEL J. MURPHY, Jr, MD*

*ELIOT R. ROSENKRANZ, MD*

*AND ANDREA M. KOVACS, BS*

*Continued on page 442*
Head and neck spindle cell carcinoma: an evaluation of current management 479

Improving prognosis for this aggressive variant of squamous cell carcinoma depends on early diagnosis.

MICHAEL S. BENNINGER, MD
DENNIS KRAUS, MD
BRUCE SEBEK, MD
HARVEY M. TUCKER, MD
AND PIERRE LAVERTU, MD

Transient osteoporosis of the hip: clinical and imaging features 483

Radiographic findings are late and sometimes subtle.

JEAN SCHILS, MD
DANIEL PIRAINO, MD
BRADFORD J. RICHMOND, MD
BERNARD STULBERG, MD
GEORGE H. BELHOBEK, MD
AND ANGELO A. LICATA, MD

Lipid and lipoprotein abnormalities in lower-extremity arteriosclerosis obliterans 491

This study's findings underscore the need for a complete lipid profile when formulating a treatment plan.

JEFFREY W. OLIN, DO
MICHAEL D. CRESSMAN, DO
JESS R. YOUNG, MD
BYRON J. HOOGWERF, MD
AND CHERYL E. WEINSTEIN, MD

Mastectomy with immediate reconstruction: issues and answers 499

Immediate reconstruction hastens rehabilitation by easing the patient's psychological burdens.

RICHARD V. DOWDEN, MD
AND RANDALL J. YETMAN, MD

Glucocorticoids in clinical oncology 505

A review of current indications.

DECLAN WALSH, MSc
AND JAY AVASHIA, MD

Uses of hyperbaric oxygen therapy in the 1990s 517

Hyperbaric oxygen is safe and effective in a number of critical situations, yet its use is still largely empirical.

ERIC P. KINDWALL, MD

Urticaria and angioedema 529

Diagnosis is based on the history, especially the duration of symptoms, exacerbating factors, and atopy.

ANDREW E. DAVIDSON, MD
S. DAVID MILLER, MD
GUY SETTIPANE, MD
AND DONALD KLEIN, MD

Suicide risk associated with drug and alcohol addiction 535

Determining increased risk is a clinical necessity.

NORMAN S. MILLER, MD
A. JAMES GIANNINI, MD
AND MARK S. GOLD, MD

Current status of silicone breast implants 539

YVONNE R. SHERRE, MD

Empyema necessitatis: review of the manifestations of thoracic actinomycosis 542

THOMAS P. HOOKER, DO
MICHAEL HAMMOND, MD
AND KENT CORRAL, MD

Intensive care management of acute hemorrhagic leukoencephalitis with favorable neurologic outcome 549

BILL MASTRODIMOS, MD
GENE H. BARNETT, MD
AND ISSAM A. AWAD, MD