# Highlights from Medical Grand Rounds

**WILLIAM S. WILKE, MD, EDITOR**

**Contemporary considerations in exercise ECG testing**  
Despite the promises of new technologies, ECG use is increasing and its clinical applications are diversifying.  
**FREDRIC J. PASHKOW, MD**

**Trends in noncardiac chest pain**  
The prognosis for patients with noncardiac chest pain is excellent, yet functional outcome is generally poor because many patients continue to believe their pain has a cardiac source.  
**GARY W. FALK, MD**

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# Current Drug Therapy

**DONALD G. VIDT, MD, AND ALAN BAKST, PharmD, EDITORS**

**Adrenergic agents: clinical trials and experiences**  
Different beta blockers have different effects on cardiac output and heart rate, and some may diminish detrimental arterial changes induced by hypertension. A long-term preventive effect against coronary artery disease remains to be demonstrated.  
**LENNART HANSSON, MD, PhD**

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# State of the Art: Neurology

**A practical approach to coma diagnosis in the unresponsive patient**  
A chain of simple-to-make observations quickly determines the location of the lesion — the primary goal in early assessment.  
**MARTIN A. SAMUELS, MD**

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**CME Notebook**

**Gastroenterology: ongoing challenges in diagnosis and therapy**  
Barrett's esophagus and cancer risk  
Bleeding in portal hypertension  
Life-style changes and GERD management  
Evaluating IBD treatment outcome  
Liver transplantation: costs, supply-demand drive debate  
Treatment of ascites in cirrhotic patients

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**BENCH TO BEDSIDE**

**Calcium-channel blocking agents as therapy for amphotericin B nephrotoxicity**

Concomitant use of calcium-channel blockers may prevent nephrotoxicity and permit use of full therapeutic doses of amphotericin B in systemic fungal infection.

BEN H. BROUHARD, MD
AND BARBARA BAETZ-GREENWALT, MD

**REVIEWS**

**Pharmacotherapy of multiple sclerosis: current status**

With careful drug selection and close monitoring, many symptoms associated with MS are effectively controlled.

RICHARD A. RUDICK, MD
DONALD E. GOODKIN, MD
AND RICHARD M. RANSOHOFF, MD

**Doppler echocardiographic assessment of constrictive pericarditis, cardiac amyloidosis, and cardiac tamponade**

Doppler echocardiography is emerging as an excellent noninvasive way to assess diastolic function, and its array of clinical applications is expanding.

ALLAN L. KLEIN, MD
AND GERALD I. COHEN, MD

**Primary angitis of the central nervous system: diagnostic criteria and clinical approach**

Clinical perceptions of PACNS have changed dramatically in the last 5 years, prompting a reappraisal of the 1987 diagnostic criteria and current approaches to treatment.

LEONARD H. CALABRESE, DO
ANTHONY J. FURLAN, MD
LISA A. GRAGG, MS
AND TRUMANE J. ROPOS, DO

**Lung and heart-lung transplantation: the state of the art**

Lung and heart-lung transplantation is no longer experimental, but a reasonable option in many heart and lung disorders previously deemed fatal.

PATRICK M. McCARTHY, MD
THOMAS J. KIRBY, MD
RICHARD D. WHITE, MD
THOMAS W. RICE, MD
ELIOT R. ROSENKRANZ, MD
ANDREA P. BALDYGA, MD
RITA VARGO, RN
AND ATUL C. MEHTA, MD

**Viral hepatitis in the 1990s, part I: current principles of management**

An update of the clinical management of viral hepatitis, based on recent developments in screening and diagnosis.

WILLIAM D. CAREY, MD
AND GIRISH PATEL, MD

**CONTRIBUTION**

**Circadian rhythms and migraine**

Migraine onset was found to parallel that of myocardial infarction and changes in platelet aggregability, plasma cortisol, and plasma catecholamines.

GLEN D. SOLOMON, MD

**EDITORIAL**

**Lung transplantation is here to stay**

JAMES THEODORE, MD

**DEPARTMENTS**

CME Calendar

Book Reviews

Information for Authors