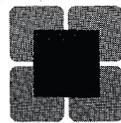


# CLEVELAND CLINIC JOURNAL OF MEDICINE



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## HIGHLIGHTS FROM MEDICAL GRAND ROUNDS

WILLIAM S. WILKE, MD, EDITOR

**Eosinophilia-myalgia syndrome: unresolved questions** 415

JAMES W. KAZURA, MD

Although L-tryptophan is gone from the US market, research continues into its link with eosinophilia-myalgia syndrome.

**Smoking cessation: strategies that work** 416

GARLAND Y. DeNELSKY, PHD

Most physicians underestimate their power to achieve smoking cessation; the key to success is persistence.

**Mesenteric ischemia: a neglected diagnosis** 417

MARK E. SESTO, MD

In the absence of accurate noninvasive diagnostic modalities, aggressive use of mesenteric angiography is the only way to achieve early diagnosis of mesenteric ischemia.

## MANAGING ANDROGEN EXCESS

### PART III

WILMA F. BERGFELD, MD  
AND GEOFFREY P. REDMOND, MD, EDITORS

**Diagnostic approach to androgen disorders in women: acne, hirsutism, and alopecia** 423

GEOFFREY P. REDMOND, MD  
AND WILMA F. BERGFELD, MD

A simple, cost-effective screening protocol can differentiate whether androgen excess is an ovarian or an adrenal problem.

**Treatment of androgenic disorders in women: acne, hirsutism, and alopecia** 428

GEOFFREY P. REDMOND, MD  
AND WILMA F. BERGFELD, MD

Treatment of androgen excess disorders can be successful and rewarding, given the compliance of this patient group.

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**Atrial pacemaker leads compared** 433

MARTIN M. MASTERSON, MD  
JAMES D. MALONEY, MD  
E. MURAT TUZCU, MD  
BRUCE L. WILKOFF, MD  
ATILA EMRE, MD  
GABRIEL VANERIO, MD  
TONY W. SIMMONS, MD  
VICTOR A. MORANT, MD  
AND LON W. CASTLE, MD

Pacemaker leads from eight different manufacturers were compared for differences in acute pacing and sensing characteristics.

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**Clinical diagnoses and EEG interpretation** 437

GEORGE W. WILLIAMS, PHD  
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 MARLENE GOORMASTIC, MPH  
 KATHY J. FATICA, BS  
 AND DONALD W. KLASS, MD

Factors that lead to different interpretations of the same electroencephalogram and to variations in follow-up diagnostic studies were identified.

**Patient and spouse acceptance and adaptation to implantable cardioverter defibrillators** 441

COLETTE PYCHA, RN, MSN  
 JOSEPH R. CALABRESE, MD  
 A. DALE GULLEDGE, MD  
 AND JAMES D. MALONEY, MD

Surveys revealed AICD patients and families share a mix of relief and apprehension.

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**The clinical challenge of Lyme disease** 453

DAVID L. LONGWORTH, MD

A medical curiosity only 10 years ago, Lyme disease is now the most common vector-borne disease in the United States; its diverse manifestations and lack of standardized serologic tests make diagnosis a challenge.

**Methanol intoxication: clinical features and differential diagnosis** 464

PAULA F. SUIT, MD  
 AND MELINDA L. ESTES, MD

The advent of methanol as a major source of fuel in the coming century and its growing industrial uses will increase the risk of both deliberate and accidental intoxication, requiring a high index of suspicion to ensure early diagnosis.

**CASE REPORT**

**Clinical features of the yellow nail syndrome** 472

EDWARD M. CORDASCO, JR, DO  
 S. BEDER, MD  
 ADELE COLTRO, MD  
 S. BAVBEK, MD  
 H. GURSES, MD  
 AND ATUL C. MEHTA, MD

A patient displayed the classic symptoms that are diagnostic of this rare cause of exudative pleural effusions.

**EDITORIAL**

**Clinical history and visual assessment of diagnostic tests in radiology** 477

WILLIAM A. CHILCOTE, MD

The radiologist needs access to the clinical history in order to provide maximum interpretive accuracy.

**CURRENT DRUG THERAPY**

DONALD G. VIDT, MD  
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**Understanding the actions of adrenergic receptors** 480

DONALD G. VIDT, MD

**Adrenergic receptors: structure and function** 481

ROBERT M. GRAHAM, MD

Our understanding of adrenergic receptors is a result of studies of structure and function that involve classical biochemistry and pharmacology as well as recombinant DNA technology.

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**Continuing Medical Education Calendar** 445  
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