

# Archives of Internal Medicine

Copyright © 1989 by the  
American Medical Association

## EDITORIAL BOARD

Editor,  
**James E. Dalen, MD**  
Office of the Dean  
University of Arizona  
College of Medicine  
PO Box 43488  
Tucson, AZ 85733-3488

Deputy Editor  
**Robert J. Goldberg, PhD**  
Worcester, Mass

Associate Editors  
**Peter H. Levine, MD**, Worcester, Mass

**Neil R. Blacklow, MD**, Worcester, Mass

Editorial Assistant  
**Janet S. Lautaret**, Tucson, Ariz

**Joseph S. Alpert, MD**, Worcester, Mass  
**O'Neill Barrett, Jr, MD**, Columbia, SC  
**Dick D. Briggs, Jr, MD**, Birmingham, Ala  
**Marvin I. Dunn, MD**, Kansas City, Kan  
**Alvan R. Feinstein, MD**, New Haven, Conn  
**Thomas F. Ferris, MD**, Minneapolis, Minn  
**Jack Hirsh, MD**, Hamilton, Canada  
**Stuart Levin, MD**, Chicago, Ill  
**Richard W. Light, MD**, Long Beach, Calif  
**Robert C. Little, MD**, Augusta, Ga  
**Kevin M. McIntyre, MD, JD**, Boston, Mass  
**Robert E. Rakel, MD**, Houston, Tex  
**Mark Slegler, MD**, Chicago, Ill  
**David H. Spodick, MD**, Worcester, Mass  
**Steven Swiryn, MD**, Evanston, Ill  
**John G. Weg, MD**, Ann Arbor, Mich

Book Editor: O'Neill Barrett, Jr, MD

Basic Science Concepts: Robert C. Little, MD

**SUBSCRIPTION RATES**—The subscription rates for the ARCHIVES OF INTERNAL MEDICINE are as follows: \$52 for one year, \$89 for two years in the United States and US possessions; all other countries, one year, \$64; two years, \$113 for surface delivery. (For expedited air delivery to most countries, add \$15 surcharge for one year subscription, \$30 for two years.) Rates for subscriptions for delivery to Japan or South Korea are available through exclusive agents—contact the publisher. **Special rates for residents and medical students in the United States and US possessions are available.** Address inquiries to the American Medical Association, Circulation and Fulfillment Division, 535 N Dearborn St, Chicago, IL 60610. Phone: (312) 280-7168.

**CHANGE OF ADDRESS**—POSTMASTER, send all address changes to ARCHIVES OF INTERNAL MEDICINE, attention: Caryl L. Wertheimer, Director of Fulfillment, 535 N Dearborn St, Chicago, IL 60610. Notification of address change must be made at least six weeks in advance, include both old and new addresses, a recent mailing label, and your new zip code.

The ARCHIVES OF INTERNAL MEDICINE (ISSN 0003-9926) is published monthly by the American Medical Association, 535 N Dearborn St, Chicago, IL 60610, and is an official publication of the Association. Second-class postage paid at Chicago, and at additional mailing office.

Vol 149

No. 2

February 1989

## EDITORIALS

**How Urgent Is 'Urgent' Hypertension?** 257  
Roger K. Ferguson, MD, Reno, Nev, Peter H. Vlasses, PharmD, Philadelphia, Pa

**Bromocriptine and Pleuropulmonary Disease** 258  
Shlomo Melmed, MD, Glenn D. Braunstein, MD, Los Angeles, Calif

## ORIGINAL INVESTIGATIONS

**Oral Nifedipine vs Oral Clonidine in the Treatment of Urgent Hypertension** 260  
Michael Jaker, MD; Suzanne Atkin, MD; Maria Soto, MD; George Schmid, MD; Faith Brosch, MD, Newark, NJ

**Relation of Ocular and Systemic Factors to Survival in Diabetes** 266  
Ronald Klein, MD, MPH; Scot E. Moss, MA; Barbara E. K. Klein, MD, MPH; David L. DeMets, PhD, Madison, Wis

**Idiopathic Bronchiolitis Obliterans Organizing Pneumonia With Peripheral Infiltrates on Chest Roentgenogram** 273  
Thaddeus Bartter, MD; Richard S. Irwin, MD; Gerald Nash, MD; Jerry P. Balikian, MD; Helen H. Hollingsworth, MD, Worcester, Mass

**Preoperative Spirometry Before Abdominal Operations** 280  
Valerie A. Lawrence, MD; Carey P. Page, MD; Gary D. Harris, MD, San Antonio, Tex

**Postprandial Blood Pressure Decrease in Well Elderly Persons** 286  
Steven J. Peitzman, MD, Stanley R. Berger, Philadelphia, Pa

**Quantitative Cultures of Biopsy Specimens From Cutaneous Cellulitis** 293  
Thierry Duvanel, MD; Raymond Auckenthaler, MD; Peter Rohner, VD; Monika Harms, MD; Jean H. Saurat, MD, Geneva, Switzerland

**Significance of *Histoplasma* Antigen in the Cerebrospinal Fluid of Patients With Meningitis** 302  
Lawrence J. Wheat, MD, Richard B. Kohler, MD, Indianapolis, Ind; Ram P. Tewari, PhD, Springfield, Ill; Melinda Garten, Morris L. V. French, PhD, Indianapolis, Ind

**Use of a Sensitive Thyrotropin Assay for Monitoring Treatment With Levothyroxine** 309  
Nelson B. Watts, MD, Atlanta, Ga

**Nosocomial Febrile Illnesses in Patients on an Internal Medicine Service** 319  
Gregory A. Filice, MD; Mary D. Weiler; Rita A. Hughes; Dale N. Gerding, MD, Minneapolis, Minn

**Endocrine Complications of the Acquired Immunodeficiency Syndrome** 330  
David C. Aron, MD, Cleveland, Ohio

**The Therapeutic Efficacy of Critical Care Units** 338  
Aran Ron, MD; Louis J. Aronne, MD; Paul E. Kalb, MD; Diana Santini, MD; Mary E. Charlson, MD, New York, NY

Continued on page 243.

Continued from page 237.

	<b>Smoking Counseling and Preventive Medicine</b>	<b>345</b>
	Steven R. Cummings, MD, Morton J. Stein, MD, San Francisco, Calif; Bruce Hansen, PhD, Oakland, Calif; Robert J. Richard, MA; Barbara Gerbert, PhD; Thomas J. Coates, PhD, San Francisco, Calif	
	<b>Feasibility and Safety of Emergency Interhospital Transport of Patients During Early Hours of Acute Myocardial Infarction</b>	<b>353</b>
	Joel M. Gore, MD; Jeanne M. Corrao, RN, BSN; Robert J. Goldberg, PhD; Steven P. Ball, RN; Bonnie H. Weiner, MD; Richard V. Aghababian, MD; James E. Dalen, MD, Worcester, Mass	
	<b>Peripheral Neuropathy as an Early Marker of AL Amyloidosis</b>	<b>358</b>
	Margaret A. Duston, MD; Martha Skinner, MD; Jennifer Anderson, PhD; Alan S. Cohen, MD, Boston, Mass	
	<b>Central Hemodynamic Changes After Ingestion of a Meal in Patients With Coronary Artery Disease</b>	<b>363</b>
	Henning Kelbæk, MD; Thomas Gjørup, MD; Niels Juel Christensen, MD; Ole Munck, MD; John Godtfredsen, MD, Copenhagen, Denmark	
	<b>Limitations to the Use of a Sensitive Assay for Serum Thyrotropin in the Assessment of Thyroid Status</b>	<b>369</b>
	David A. Ehrmann, MD; Michael Weinberg; David H. Sarne, MD, Chicago, Ill	
<b>James H. Sammons, MD, Executive Vice-President</b>		
	<b>Clinical Outcome of Patients With a 'Low Probability' of Pulmonary Embolism on Ventilation-Perfusion Lung Scan</b>	<b>377</b>
<b>James S. Todd, MD, Senior Deputy Executive Vice-President</b>	Daniel Kahn, MD, Iowa City, Iowa; David L. Bushnell, MD, Robert Dean, MD, Chicago, Ill; Scott B. Perlman, MD, Madison, Wis	
<b>Kenneth E. Monroe, Deputy Executive Vice-President</b>		
	<b>Passive Smoking Affects Endothelium and Platelets</b>	<b>386</b>
<b>Theodore R. Chilcoat, Jr, Assistant Executive Vice-President</b>	James W. Davis, MD, Kansas City, Mo; Loretta Shelton, Kansas City, Kan; Itaru S. Watanabe, MD, Kansas City, Mo; Joyce Arnold, Kansas City, Kan	
<b>M. Roy Schwarz, MD, Assistant Executive Vice-President</b>		
	<b>Physician Utilization of Laboratory Procedures to Monitor Outpatients With Congestive Heart Failure</b>	<b>393</b>
<b>George D. Lundberg, MD, Vice-President, Scientific Information</b>	Jerome L. Fleg, MD, Baltimore, Md; Patricia C. Hinton, MS, Dallas, Tex; Edward G. Lakatta, MD, Baltimore, Md; Frank I. Marcus, MD, Tucson, Ariz; Thomas W. Smith, MD, Boston, Mass; Harold C. Strauss, MD, Mark A. Hlatky, MD, Durham, NC	
<b>John T. Baker, Vice-President, Publishing</b>		
	<b>Pamidronate Sodium and Calcitonin-Resistant Paget's Disease</b>	<b>401</b>
<b>Norman D. Richey, Director, Publication Production and Printing Division</b>	Sabra Drake, MD; James D. Massie, MD; Arnold E. Postlethwaite, MD; Genaro M. A. Palmieri, MD, Memphis, Tenn	
<b>Lee A. Parent, Director, Circulation-Fulfillment Division</b>		
	<b>Recurrent Massive Alveolar Hemorrhage, Crescentic Glomerulonephritis, and Necrotizing Vasculitis in a Patient With Rheumatoid Arthritis</b>	<b>406</b>
<b>Dennis Joseph Dennehy, Director, Advertising Sales and Promotion Services Division</b>	Johanan E. Naschitz, MD; Daniel Yeshurun, MD; Yehuda Scharf, MD; Ibrahim Sajrawi, MD; Nissim B. Lazarov, MD; Jochanan H. Boss, MD, Haifa, Israel	
<b>Thomas J. Carroll, Director, Department Advertising Communications</b>		
<b>Raymond Christian, Director, Advertising Services Department</b>		

Continued on page 249.

**PUBLICATION STAFF**  
Offices: 535 N Dearborn St,  
Chicago, IL 60610

**Managing Editor and Director**  
**AMA Specialty Journals:**  
Michael D. Springer

**Associate Editor:**  
Julie Foreman

**Production Manager:**  
Marlene M. Hinsch

**Assistant Production Manager:**  
John R. Sayban

**Editorial Processing Manager:**  
Cheryl Iverson

**Assistant Editorial Processing Manager:**  
Paula Glitman

**Permissions and Graphic Design Manager:**  
Dennis J. Shipley

**Staff Assistants:**  
Diane Darnell                      Bonnie Van Clevon

**Copy Editing:**  
Edward Jyvaskylä (Supervisor)  
Vickey Golden (Free-lance Coordinator)  
Paul Frank (Senior Copy Editor)  
Hemranee Bhojroo  
Dee E. Egger  
Daniel Knight  
Donald N. La Petina

**Production Supervisors:**  
Betty Frigerio (Advertising)  
Thomas J. Handrigan (Illustrations)  
Elizabeth Petrikenas (Proofreading)  
Mary C. Steermann (Editorial)  
JoAnne Weiskopf (Layout)

**Proofreading:**  
Teresa H. Omiotek                      Jennifer Reiling  
Richard T. Porter                      Barbara Wojtowicz

**Art and Senior Production Assistants:**  
Melinda Arcabos                      Debra Lucas  
Cari Biamonte                      Kimberly McCormick  
Laura Bleiler                      Juliana K. Mills  
Karen Branham                      Dorothy Patterson  
Cynthia Gelper                      Susan Price  
Jerri Hall-Gortowski                      E. Ruth White  
Anita Henderson                      Ellen Yoshihara

**Production Assistant:**  
Darlene E. Filips

**Manuscript Records:**  
Lenette Williams

**Editorial Assistant:**  
Jean Schaffner

**Department of Scientific and Socioeconomic Indexing:**  
Norman Frankel (Director)  
George Kruto  
Susan McClelland  
Mary Kay Tinerella

**Advertising Principles.**—Each advertisement in this issue has been reviewed and complies with the principles governing advertising in AMA scientific publications. A copy of these principles is available on request. The appearance of advertising in AMA publications is not an AMA guarantee or endorsement of the product or the claims made for the product by the manufacturer.

**ADVERTISING OFFICES:** Eastern: 600 Third Ave, Suite 3700, New York, NY 10016 (Manager: Robert C. Corcoran [212-867-6640]); **Representatives:** Phillip B. Altamore, John L. Reeves, M. Gary Sabatos; **Midwest/Farwest:** 535 N Dearborn St, Chicago, IL 60610 (Manager: Thomas J. Carroll [312-280-7182]); **Representative:** John P. Cahill)

*Continued from page 243.*

**Limited Weight Losses With a Gastric Balloon** 411  
F. Matthew Kramer, PhD; Albert J. Stunkard, MD;  
Theresa A. Spiegel, PhD; Julius J. Deren, MD; Michael G. Velchik, MD;  
Thomas A. Wadden, PhD; Kathleen A. Marshall, Philadelphia, Pa

**Diagnosis Related Group 'All Payor' Hospital Payment and Medical Diseases** 417  
Eric Muñoz, MD, MBA; Jonathan Goldstein, MPA; Teresa Benacquista, MD;  
Katherine Mulloy; Leslie Wise, MD, New Hyde Park, NY

**Effect of Daily Charge Feedback on Inpatient Charges and Physician Knowledge and Behavior** 426  
Jacqueline A. Pugh, MD, San Antonio, Tex; Linda M. Frazier, MD;  
Elizabeth DeLong, PhD; Andrew G. Wallace, MD;  
Phyllis Ellenbogen, MA; Eugene Linfors, MD, Durham, NC

**Left Ventricular Response to Exercise and Autonomic Control Mechanisms in End-Stage Renal Disease** 433  
Jeffrey W. Blake, MD; Karim B. Solangi, MD; Michael V. Herman, MD;  
Alvin A. Goodman, MD; Leonard G. Meggs, MD, Valhalla, NY

## CLINICAL OBSERVATIONS

**Once-Daily Irrigation of Long-term Urethral Catheters With Normal Saline** 441  
Herbert L. Muncie, Jr, MD; John M. Hoopes, PharmD;  
Dorothy J. Damron; James H. Tenney, MD; John W. Warren, MD, Baltimore, Md

**Fatal Small-Bowel Necrosis and Pulmonary Hypertension in Sickle Cell Disease** 447  
Timothy G. Hammond, MBBS, Michael W. Mosesson, MD, Milwaukee, Wis

**Tamoxifen Withdrawal Response** 449  
Chandra P. Belani, MD; Paula Pearl, NP; Nancy O. Whitley, MD;  
Joseph Aisner, MD, Baltimore, Md

**Left Atrial Myxoma Associated With Systemic AA Amyloidosis** 453  
Robert Wens, MD, Yves Goffin, MD, Brussels, Belgium;  
Mark B. Pepys, MA, MD, PhD, FRCP, MRCPATH, London, England;  
Max Kutnowski, MD; Danielle Van Beers, MD;  
Pierre Decoodt, MD; Maurice Verbanck, MD, Brussels, Belgium

**Clostridial Endocarditis** 455  
Scott A. Kolander, MD; Ellen M. Cosgrove, MD;  
Abdolghader Molavi, MD, Philadelphia, Pa

**Atrial Fibrillation** 457  
Ehud Davidson, MD; Itzhak Weinberger, MD; Zvi Rotenberg, MD;  
Jacob Fuchs, MD; Jacob Agmon, MD, Petah Tikva, Israel

## REGULAR DEPARTMENTS

**Instructions for Authors** 437

**Editor's Correspondence** 463

**Professional Opportunities** 473

**Index to Advertisers** 452

249