

Archives of Internal Medicine

Copyright © 1982 by the
American Medical Association

EDITORIAL BOARD

Chief Editor,
Alfred Soffer, MD
PO Box 776
Park Ridge, IL 60068

Kenneth M. Rosen, MD
Assistant Chief Editor
Chicago

Julius M. Gardin, MD
Corresponding Editor
Orange, Calif

Louis V. Avioli, MD, St Louis

Jeremiah A. Barondess, MD, New York

William H. Crosby, MD, Washington, DC

Philip Felig, MD, New Haven, Conn

Thomas F. Ferris, MD, Minneapolis

Edward D. Frohlich, MD, New Orleans

Ronald B. George, MD, Shreveport, La

Stuart Levin, MD, Chicago

Robert C. Little, MD, Augusta, Ga

Eart N. Metz, MD, Columbus, Ohio

Thomas L. Petty, MD, Denver

Robert E. Rakel, MD, Iowa City

Joseph C. Ross, MD, Charleston, SC

Mark Siegler, MD, Chicago

David H. Spodick, MD, Worcester, Mass

James V. Talano, MD, Chicago

Sylvan Lee Weinberg, MD, Dayton, Ohio

Hyman J. Zimmerman, MD, Washington, DC

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.

SUBSCRIPTION RATES—The subscription rates for the ARCHIVES OF INTERNAL MEDICINE are as follows: for members of the AMA, \$1.50 included in the annual membership dues; for nonmembers, \$30 for one year, \$56 for two years in the United States and US possessions; all other countries, one year, \$40; two years, \$76 (add \$6 surcharge to each one-year subscription, \$9 for two years for air delivery to the United Kingdom and Europe only). Special yearly rates to residents and medical students in the United States and US possessions, one year, \$15; two years, \$28. Address all subscription communication to American Medical Association, Circulation and Fulfillment Division, 535 N Dearborn St, Chicago, IL 60610. Phone: (312) 751-6079.

CHANGE OF ADDRESS—POSTMASTER, send address changes to 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, including both old and new addresses, and a mailing label taken from the most recent copy. Include your new zip code number.

Vol 142

No. 4

April 1982

EDITORIALS

Transluminal Coronary Angioplasty—1981 679
Simon H. Stertzer, MD, New York

Blood Transfusions and Kidney Transplantation 680
Flavio Vincenti, MD; William J. C. Amend, Jr, MD; Nicholas J. Feduska, MD;
Oscar Salvatierra, Jr, MD, San Francisco

Quantitative Logic and New Diagnostic Tests 681
J. Robert Beck, MD, Boston

Evaluating Commercial Weight-Loss Clinics 682
Antonio M. Gotto, Jr, MD; John P. Foreyt, PhD; G. Ken Goodrick, PhD, Houston

CLINICAL APPLICATIONS OF THERAPEUTIC ADVANCES

Ronald B. George, MD, and Richard Light, MD, *Editors*

Clinical Use of Thrombolytic Agents in Venous Thromboembolism 684
Arthur A. Sasahara, MD; G. V. R. K. Sharma, MD; Donald E. Tow, MD;
Kevin M. McIntyre, MD; Alfred F. Parisi, MD; Giuseppe Cella, MD, West Roxbury, Mass

TODAY'S PRACTICE OF MEDICINE

Effective Management of Congestive Cardiomyopathy 689
David H. Spodick, MD, DSc, Worcester, Mass

Percutaneous Transluminal Renal Angioplasty 693
Nicolaos E. Madias, MD; Oun J. Kwon, MD; Victor G. Millan, MD, FRCP(C), Boston

COMMENTARY

The Role of the Attending Physician 698
M. Andrew Greganti, MD; Douglas A. Drossman, MD;
John F. Rogers, MD, Chapel Hill, NC

ORIGINAL INVESTIGATIONS

Therapeutic Leukapheresis in Hairy Cell Leukemia 700
C. Harold Mielke, Jr, MD, San Francisco; Charles E. Dobbs, MD;
Charles F. Winkler, MD; Lung T. Yam, MD, Louisville

Racial Difference in Salivary Sodium-Potassium Ratio in Low Renin Essential Hypertension 703
E. Victor Adlin, MD; Allan D. Marks, MD; Bertram J. Channick, MD, Philadelphia

Studies of Carbohydrate Metabolism After Hemodialysis and Hemofiltration in Uremic Patients 707
Robert Geronemus, MD; Juan P. Bosch, MD;
John Thornton, PhD; Elliot J. Rayfield, MD, New York

Diaphragmatic Left Ventricular Aneurysm 711
Michele A. Codini, MD, FACC; Neal T. Ruggie, MD; Marshall D. Goldin, MD;
Joseph V. Messer, MD, FACC; Hassan Najafi, MD, Chicago

Comparative Efficacy of Colestipol and Clofibrate in Type IIa Hyperlipoproteinemia 721
Thomas J. Vecchio, MD; Christine V. Linden, MS;
Martin J. O'Connell, PhD; Jill Heilman, MPH, Kalamazoo, Mich

Adrenal Androgen Excess and Defective 11 β -Hydroxylation in Women With Idiopathic Hirsutism 729
Gordon P. Guthrie, Jr, MD; Emery A. Wilson, MD;
Donald L. Quillen; M. J. Jawad, MS, Lexington, Ky

Glucose-Resistant Hypoglycemia in Inanition 743
Alan N. Elias, MD, Grant Gwinup, MD, Orange, Calif

Continued on page 653.

651

Continued from page 651.

James H. Sammons, MD
Executive Vice-President

Thomas F. Hannon
Deputy Vice-President,
Corporate, Publishing and Management Services

George D. Lundberg, MD
Vice-President, Scientific Information

John T. Baker
Vice-President, Publishing

Norman D. Richey
Director, Publication Production and
Printing Division

Lee A. Parent
Director, Circulation-Fulfillment Division

Joseph Dennehy
General Sales Manager;
Director, Advertising Sales and
Promotion Services Division

Thomas J. Carroll
Director, Department of Promotion

Raymond Christian
Director, Advertising Services Department

PUBLICATION STAFF

Offices: 535 N Dearborn St,
Chicago, IL 60610

Jeffrey R. M. Kunz, MD, Managing Editor

Elaine Shelton, Administrative Assistant

Marlene M. Hinsch, Production Manager

John R. Sayban, Assistant Production Manager

Cheryl Iverson, Editorial Processing Manager

Paula Glitman, Assistant Editorial Processing
Manager

Mary Erhard, Reprints and Permissions

Copy Editing: Lori Burnette (Supervisor), Robin
Fitzpatrick, Vickey Golden, Barbara Long

Production Supervisors: Karen Branham (Word
Processing), Betty Frigerio (Advertising), Thomas
J. Handrigan (Illustrations), Marlene M. Hinsch
(Editorial), Lorraine L. Kruse (Proofreading),
JoAnne Weiskopf (Layout)

Proofreading: Verna Coffman, Patricia Coyne,
Winifred O'Reilly, Elizabeth Petrikenas, Lisette
Sabbach

Art and Senior Production Assistants: Mary Cun-
ningham, Donna Hagler, Shirley Latronica, Denise
Minkler, Marilyn Moroney, Terese Noto, Susan M.
Routhier, Brenda Tropinski, Bonnie Van Clevon,
Sandra Williams, Ellen Yoshihara

Production Assistant: Debra Lucas

Manuscript Records: Cathy Watkins

Indexing: Phyllis H. O'Donnell (Supervisor), Jane
P. Bouterse, Mary Kay Tinerella

Primary Care Medicine: Editor: Gail McBride,
Executive Editor: Phil Gunby, Associate Editors:
Elizabeth Rasche González, Michelle Preston

ADVERTISING OFFICES: New York: 600 Third
Ave, Suite 700, New York, NY 10016 (**Manager:**
Robert C. Corcoran [212-867-6640]; **Representa-**
tives: Phillip B. Altamore, John L. Reeves); **Chica-**
go: 535 N Dearborn St, Chicago, IL 60610 (**Man-**
ager: Thomas J. Carroll [312-751-6675]; **Repre-**
sentative: Eric K. Larsen); **Anaheim, Calif:** PO
Box 8187, Anaheim, CA 92802 (**Representative:**
Anton Media Associates [714-971-9388]).

Advertising Principles.—Each advertisement
in this issue has been reviewed and complies with
the principles governing advertising in AMA scien-
tific publications. A copy of these principles is
available on request.

Response to Exercise in Patients Taking Psychotropic Drugs	755
Ray E. Johnson, MD; John D. Ware, MD; Steve Moffitt, PhD; Daniel Arensberg, MD; Nanette K. Wenger, MD, Atlanta	
Serum Thyroglobulin in the Management of Patients With Thyroid Cancer	763
Charles P. Barsano, MD, PhD; Consuelo Skosey, RN; Leslie J. DeGroot, MD; Samuel Refetoff, MD, Chicago	
Lupus Nephropathy and Pregnancy	771
Paul Jungers, MD; Maxime Dougados, MD; Clara Pélissier, MD; Frédérique Kuttenn, MD; François Tron, MD; Philippe Lesavre, MD; Jean-François Bach, MD, PhD, Paris	
Screening for Glaucoma by General Medicine Residents	785
William C. Steinmann, MD; Eliot Licht; Joseph E. Siegler; Charles W. Nichols, MD, Philadelphia	
Infective Endocarditis in a Community Hospital	789
Frank R. Venezia, MD, Maywood, Ill; Grant O. Westenfelder, MD; Francis V. Cook, MD; Janet Emmerman, Evanston, Ill; John P. Phair, MD, Chicago	
The Mechanism of Benign Hereditary Neutropenia	797
Yehuda Shoenfeld, MD, Petah Tiqva, Israel; Michaela Modan, MS, Tel Aviv, Israel; Shlomo Berliner, MD; Varda Yair; Mathi Shaklai, MD, Petah Tiqva, Israel; Ayala Slusky, MS, Tel Aviv, Israel; Jack Pinkhas, MD, Petah Tiqva, Israel	

CONCISE COMMUNICATION

Severe Vertebral Osteomyelitis in Patients With Spinal Cord Injury	807
Ghaus M. Malik, MD; Francisco L. Sapico, MD; John Z. Montgomerie, MD, FRACP, Downey, Calif	

REVIEW ARTICLE

Primary Aldosteronism	813
Arunabha Ganguly, MD; Clarence E. Grim, MD; Myron H. Weinberger, MD, Indianapolis	

BASIC SCIENCE CONCEPTS

Cardiac Preload, Afterload, and Heart Failure	819
Robert C. Little, MD, (<i>Editor</i>), Augusta, Ga, William C. Little, MD, San Antonio, Tex	

ECHOCARDIOGRAM OF THE MONTH

New Heart Murmur and Fever in a Patient With Systemic Lupus Erythematosus	823
John Bomalaski, MD; James V. Talano, MD (<i>Editor</i>); Susan Perlman, MD, Chicago	

CLINICAL OBSERVATIONS

Combined Vitamin D Parathyroid Defect in Thalassemia Major	831
John F. Aloia, MD, Mineola, NY; John A. Ostuni, MD, Stony Brook, NY; James K. Yeh, PhD, Mineola, NY; Edward C. Zaino, MD, Rockville Center, NY	
Morphine-Induced Immune Thrombocytopenia	832
Philip L. Cimo, MD; Jeremy J. Hammond, MD; Joel L. Moake, MD, Houston	

REGULAR DEPARTMENTS

Books	835
Editor's Correspondence	838
Primary Care Medicine	671
Instructions for Authors	657
Index to Advertisers	844