

Archives of Internal Medicine

Vol 148

No. 5

May 1988

Copyright © 1988 by the
American Medical Association

EDITORIAL BOARD

Editor,
James E. Dalen, MD
Department of Medicine
University of Massachusetts
Medical School
Worcester, Mass 01655

Deputy Editor
Robert J. Goldberg, PhD
Worcester, Mass

Associate Editors
Peter H. Levine, MD
Worcester, Mass

Neil R. Blacklow, MD
Worcester, Mass

Editorial Assistant
Melissa Derby
Worcester, Mass

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
Jack Hirsh, MD, Hamilton, Ontario
Stuart Levin, MD, Chicago
Richard W. Light, MD, Long Beach, Calif
Robert C. Little, MD, Augusta, Ga
Kevin M. McIntyre, MD, JD, Boston
Robert E. Rakel, MD, Houston
Mark Siegler, MD, Chicago
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

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.

CHANGE OF ADDRESS—POSTMASTER, send all 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, include both old and new addresses, a recent mailing label, and your new zip code.

EDITORIALS


- Physicians and a Smoke-Free Society** 1013
Thomas J. Glynn, PhD, Bethesda, Md
- Give Diet a Chance in Lowering Cholesterol Levels** 1017
R. Curtis Ellison, MD, Worcester, Mass
- Sickle-Cell Trait and Physical Training** 1019
Griffin P. Rodgers, MD, Bethesda, Md
- Type B Gastritis, Aging, and *Campylobacter pylori*** 1021
Martin J. Blaser, MD, Denver

SPECIAL ARTICLE

- The 1988 Report of the Joint National Committee on Detection, Evaluation, and Treatment of High Blood Pressure** 1023
1988 Joint National Committee, Bethesda, Md

ORIGINAL INVESTIGATIONS

- A Residents' Training Program for the Development of Smoking Intervention Skills** 1039
Judith K. Ockene, PhD; Mark E. Quirk, EdD; Robert J. Goldberg, PhD; Jean L. Kristeller, PhD; Gary Donnelly, MPH; Kathryn L. Kalan; Bruce Gould, MD; Harry L. Greene, MD; Richard Harrison-Atlas, MD; James Pease, MD; Samuel Pickens, MD; Joanne W. Williams, PhD, Worcester, Mass
- Treatment of Hypercholesterolemia by a Clinical Nurse Using a Stepped-Care Protocol in a Nonvolunteer Population** 1046
Timothy P. Blair, MD; F. Joyce Bryant, RN; Stephen Bocuzzi, MS, Bethesda, Md
- Serum Cholesterol and 25-Year Incidence of and Mortality From Myocardial Infarction and Cancer** 1051
Daan Kromhout, PhD, MPH; Edward B. Bosschieter, MD; Marjon Drijver, MD, RD; Cor de Lezenne Coulander, MSc, Leiden, the Netherlands



The ARCHIVES OF INTERNAL MEDICINE is a member of the American Medical Association. The Archives of Internal Medicine, along with the Archives of Pediatrics, the Archives of Ophthalmology, the Archives of General Psychiatry, the Archives of Internal Medicine, the Archives of Neurology, the Archives of Ophthalmology, the Archives of Otolaryngology-Head & Neck Surgery, the Archives of Pathology & Laboratory Medicine, and the Archives of Surgery, are published by the American Medical Association, 535 N Dearborn St, Chicago, IL 60610.

JAMA *Journal of the American Medical Association*
ARCHIVES OF INTERNAL MEDICINE
Journal of
Internal Medicine
Journal of
General Psychiatry
Journal of
Internal Medicine
Journal of
Neurology
Journal of
Ophthalmology
Journal of
Otolaryngology-Head & Neck Surgery
Journal of
Pathology & Laboratory Medicine
Journal of
Surgery

James H. Sammons, MD, Executive Vice-President

James S. Todd, MD, Senior Deputy Executive Vice-President

Kenneth E. Monroe, Deputy Executive Vice-President

Theodore R. Chilcoat, Jr, Assistant Executive Vice-President

M. Roy Schwarz, MD, Assistant Executive Vice-President

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

Dennis Joseph Dennehy, Director, Advertising Sales and Promotion Services Division

Thomas J. Carroll, Director, Department Advertising Communications

Raymond Christian, Director, Advertising Services Department

SUBSCRIPTION RATES—The subscription rates for the Archives of Internal Medicine are as follows: \$42 for one year, \$74 for two years in the United States and US possessions; all other countries, one year, \$56; two years, \$104 (add \$15 surcharge for each one-year subscription, \$30 for two years for air delivery to the United Kingdom, Europe, Bangladesh, India, Nepal, or Sri Lanka). Rates for subscriptions for delivery to Australia, Japan, New Zealand, or South Korea are available through respective agents. *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.

Continued from page 997.

Time Dependency of Lupuslike Anticoagulants 1060
 Lionel P. Clyne, FIMLS (ENG), MS, Peter F. White, MD, New Haven, Conn

Presumptive Evidence for *Blastocystis hominis* as a Cause of Colitis 1064
 Arthur R. Russo, MD; Sarah L. Stone, MD; Mary Ellen Taplin, MD; Howard J. Snapper; Gary V. Doern, PhD, Worcester, Mass

Thyroid and Pituitary Function Following Allogeneic Bone Marrow Transplantation 1066
 Serafino Lio, MD; William Arcese, MD; Giuseppe Papa, MD; Massimino D'Armiento, MD, Rome

Living Kidney Donation 1077
 Aaron Spital, MD, Rochester, NY, Max Spital, MD, White Plains, NY

Bacteremia in Patients Undergoing Oral Procedures 1084
 Aldona L. Baltch, MD, Howard L. Pressman, DDS; Charlene Schaffer, RDH; Raymond P. Smith, MD; Mark C. Hammer, MS; Mehdi Shayegani, PhD; Phyllis Michelsen, ScD, Albany, NY

Amylase-Creatinine Clearance Ratio 1093
 Dan Aderka, MD; Michal Tene, MD; Eran Graff, PhD; Yoram Levo, MD, Ramat Aviv, Israel

The Impact of Respiratory Failure on the Diagnosis of Tuberculosis 1103
 John E. Heffner, MD; Charlie Strange, MD; Steven A. Sahn, MD, Charleston, SC

Tetracycline for Sclerosis of Thyroid Cysts 1116
 Laszlo Hegedüs, MD; Jens Mølhøj Hansen, MD; Steen Karstrup, MD; Søren Torp-Pedersen, MD; Niels Juul, MD, Herlev, Denmark

Vertebral Arch Tuberculosis in Two Human Immunodeficiency Virus-Seropositive Heroin Addicts 1125
 Josep Mallolas, MD; Josep M. Gatell, MD; Montserrat Rovira, MD; Jesus I. Conget, MD; Antoni Trilla, MD; Eladio Soriano, MD, Barcelona, Spain

Familial Cushing's Syndrome 1133
 Beth O. Hodge, MD, Thomas A. Froesch, MD, Farmington, Conn

Effect of Army Basic Training in Sickle-Cell Trait 1140
 Idelle M. Weisman, MD; R. Jorge Zeballos, MD; Timothy W. Martin, MD; Bruce D. Johnson, MS, El Paso, Tex

Gastritis and *Campylobacter pylori* in Healthy, Asymptomatic Volunteers 1149
 James S. Barthel, MD; T. Ulf Westblom, MD; Ann D. Havey, MD; Felix Gonzalez, MD; E. Dale Everett, MD, Columbia, Mo

Continued on page 1005.

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

Associate Editor:
 Michael D. Springer

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 Jyväsylä (Supervisor)
 Vicky Golden (Free-lance Coordinator)
 Richard Díaz (Senior Copy Editor)
 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:
 Jennifer Reiling Christine M. Smith
 Christopher Siek Barbara Wojtowicz

Art and Senior Production Assistants:
 Mary C. Beauregard Debra Lucas
 Cari Biamonte Dorothy Patterson
 Karen Branham Susan Price
 Jerri Hall-Gortowski Deirdre Rittenhouse
 Sally Hoyt Ellen Yoshihara

Production Assistants:
 Darlene E. Filips Anita Henderson

Manuscript Records:
 Lenette Gardner

Editorial Assistant:
 Jean Schaffner

Indexing:
 Norman Frankel (Supervisor)
 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, Wayne M. Wickman); Midwest/Farwest: 535 N Dearborn St, Chicago, IL 60610 (Manager: Thomas J. Carroll [312-280-7182]; Representative: John P. Cahill)

Continued from page 1001.

Round Pneumonia in Adults 1155
 Charles O. Hershey, MD, Victor Panaro, MD, Buffalo

Nosocomial Infection and Fatality in Medical and Surgical Intensive Care Unit Patients 1161
 Donald E. Craven, MD; Lauren M. Kunches, RN, MPH; Deborah A. Lichtenberg, RN; Nancy R. Kollisch, MD; M. Anita Barry, MD; Timothy C. Heeren, PhD; William R. McCabe, MD, Boston

A History of Hypercholesterolemia Influences Cholesterol Measurements 1169
 Gordon Schectman, MD, Raymond G. Hoffmann, PhD, Milwaukee

Who Gets Screened for Cervical and Breast Cancer? 1177
 Rodney A. Hayward, MD; Martin F. Shapiro, MD, PhD; Howard E. Freeman, PhD; Christopher R. Corey, MA, Los Angeles

REVIEW ARTICLE

Effects of Caffeine on Blood Pressure 1189
 Martin G. Myers, MD, FRCPC, Toronto

CLINICAL OBSERVATIONS

Kaposi's Sarcoma in an Elderly Man With Wegener's Granulomatosis Treated With Cyclophosphamide and Corticosteroids 1201
 Stephen B. Erban, MD, Rosemary K. Sokas, MD, Philadelphia

Rattlesnake Capsule-Associated Salmonella arizona Infections 1207
 Keith B. Riley, MD; Diana Antoniskis, MD; Russ Maris, MT; John M. Leedom, MD, Los Angeles

Hansenula anomala: A New Fungal Pathogen 1210
 Arthur S. Klein, MD; George T. Tortora, PhD; Ronald Malowitz, PhD; William H. Greene, MD, Stony Brook, NY

Carotid Sinus Syndrome Associated With an Occult Primary Nasopharyngeal Carcinoma 1217
 Mark Tulchinsky, MD, Steven H. Krasnow, MD, Washington, DC

REGULAR DEPARTMENTS

Editor's Correspondence 1228

Instructions for Authors 1009

Index to Advertisers 1232

CORRECTION

Difficulties in Estimating Glomerular Filtration Rate in the Elderly 1055
 Todd H. Goldberg, MD, Martin S. Finkelstein, MD, New York

1005