

The ARCHIVES OF INTERNAL MEDICINE is a member of the consortium of AMA journals listed below. The complete text of all AMA journals is available online from Dialog Information Services and Ovid Technologies, Inc.

The Journal of the American Medical Association (JAMA)

- Archives of Dermatology
- Archives of Facial Plastic Surgery
- Archives of Family Medicine
- Archives of General Psychiatry
- Archives of Internal Medicine
- Archives of Neurology
- Archives of Ophthalmology
- Archives of Otolaryngology-Head & Neck Surgery
- Archives of Pathology & Laboratory Medicine
- Archives of Pediatrics & Adolescent Medicine
- Archives of Surgery

The ARCHIVES OF INTERNAL MEDICINE (ISSN 0003-9926) is published twice a month, except for combined issues in August and December, by the American Medical Association, 515 N State St, Chicago, IL 60610, and is an official publication of the Association. The ARCHIVES OF INTERNAL MEDICINE reaches more than 95 800 readers in over 78 countries each month. Periodicals postage rates paid at Chicago, IL, and at additional mailing offices. GST registration number: 12622 5556 RT. Canada Post International Publications Mail (Canadian Distribution) Sales Agreement No. 318655.

Printed in the USA.

SUBSCRIPTION RATES—The personal subscription rates for the ARCHIVES OF INTERNAL MEDICINE are \$145 for 1 year (22 issues) in the United States and US possessions; \$195 in the Americas; £125 outside the Americas. The institutional rates for 1 year are \$245 in the United States; \$345 in the Americas; £195 outside the Americas. Special rates for residents and medical students are available. Address all subscription communications to: Subscriber Services Center, American Medical Association, PO Box 10946, Chicago, IL 60610-0946. Phone: (800) 262-2350. Fax: (312) 464-5831. E-mail: ama-subs@ama-assn.org. For mailing addresses outside the United States and US possessions, see International Subscription Information.

CHANGE OF ADDRESS—POSTMASTER, send all address changes to ARCHIVES OF INTERNAL MEDICINE, c/o Subscriber Services, American Medical Association, 515 N State St, Chicago, IL 60610. Please notify us of address change at least 6 weeks in advance to ensure uninterrupted service. Include both old and new addresses, a recent mailing label, and new ZIP code. For mailing addresses outside the United States and US possessions, see International Subscription Information.

SUBSCRIBER SERVICES—For information about subscribing to any of the AMA publications, change of address, missing issues, or purchasing back issues, please contact Subscriber Services Center, American Medical Association, PO Box 10946, Chicago, IL 60610-0946, or call (800) 262-2350 or (312) 670-SUBS (670-7827) between 8:30 AM and 4:30 PM CST. Fax: (312) 464-5831. E-mail: ama-subs@ama-assn.org. For mailing addresses outside the United States and US possessions, see International Subscription Information.

INTERNATIONAL SUBSCRIPTION INFORMATION—Subscriptions outside the United States and US possessions are served according to geographic region. Please address correspondence to the following 2 offices based on delivery address: (1) For delivery in North America, Central America, and South America, contact Subscriber Services Center, AMA, PO Box 10946, Chicago, IL 60610-0946. Phone: (312) 670-7827. Fax: (312) 464-5831. E-mail: ama-subs@ama-assn.org. (2) For delivery outside the Americas, contact Subscription Department, JAMA & Archives Journals, American Medical Association, Tower House, Sovereign Park, Market Harborough, Leicestershire, LE15 9EF, UK. Phone: +44 (0) 1858-438880. Fax: +44 (0) 1858-434958.

REPRINTS—Authors place their reprint order at the time the edited typescript is reviewed and should allow 4 to 6 weeks for delivery following publication. Requests for individual reprints should be sent directly to the author at the address shown in the article.

For bulk reprint orders for distribution by commercial organizations, please contact Wanda Bartolotta, 500 Fifth Ave, #2210, New York, NY 10110. Phone: (212) 354-0050. Fax: (212) 354-1169. E-mail: wanda_bartolotta@ama-assn.org. For reprint orders in limited quantities for distribution by educational organizations and for author reprints, please contact Reprint Coordinator, 515 N State St, Chicago, IL 60610. Phone: (312) 464-4594. Fax: (312) 464-4849.

PERMISSIONS—Contact Rhonda Bailey, Permissions Assistant, 515 N State St, Chicago, IL 60610. Phone: (312) 464-2513.

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.

WORLD WIDE WEB ADDRESS—<http://www.ama-assn.org>

INTERNAL MEDICINE HOME PAGE—<http://www.archinternmed.com>

Publication Staff

Offices: 515 N State St, Chicago, IL 60610

**Editorial Processing Department,
Archives Journals**

Director: Paula Glitman
Manager: Lise M. Stevens
Freelance Manager: Diane L. Cannon

Freelance Coordinators:
Mark Berthold
Connie Manno

Electronic Editing Specialist:
Paul Frank

Assistant Electronic Editing Specialist:
Monica Mungle

Senior Copy Editors:
Dee E. Egger
Vickey Golden
Brandee Martin

Copy Editors:
Keith Huff
John McFadden
Jennifer L. Reddy

Editorial Assistant: Wanda Hill

**Scientific Information
& Multimedia Group**

Staff Assistant: Helga Fritz
Scientific Online Resources

Director: Margaret Winker, MD
Electronic Media Department

Director: Marty Suter

Assistant Editors:
Neil Shankman
Wendi Williams

Staff Assistant: Marla A. Hall

Production & Distribution Division

Manager, Budgets & Costs:
Bonnie Van Clevon

Publishing Manufacturing Analyst:
Diane Darnell

Office Manager: Karen Branham
Production Assistant: Shannon Epplett

**Advertising & Production
Department**

Director: Karen Adams-Taylor
Production Specialist: Terri Hanley

Manager, Advertising Services:
Carole Piszker

Manager, Production Services:
Susan Price

Supervisor, Production Services:
Betty Frigerio

Production Associates:
Mary Anne Donley
Sarah Powell
Denise Steinhauer
Jo Anne Turner

Production Assistant:
Bryan Irzyk

Distribution

Distribution Manager: Paul Gasielcki

Distribution Analyst:
Michelle Robinson

Traffic Control Specialist:
Victoria Buckner

Specialty Journal Division Office

Assistant to the Publisher:
Christine Hearne

**Circulation & Content
Marketing Division**

Administrative Assistant:
Millette Jackson-Bates

Circulation Processing Department

Director: Robert Herling
Subscriber Services Manager:
Susan Stoken

Circulation Systems Manager:
Alfred Tomaselli

Circulation Specialists:
Reginald Jordan
Kathryn Osten

**Circulation Development
Department**

Director: Bina Oza

Circulation Marketing Managers:
Audrey Mathies
Timothy Ryan

Circulation Marketing Specialists:
Sandra Garzon
Michael McGraw

Licensing & Permissions Department

Director: Norman Frankel
Permissions: Rhonda Bailey

International Coordinator: Sharon Ali

Electronic Production Department

Manager, Composition & Pagination:
Phil Arko

Electronic Production Specialists:
Brenda Chandler-Grayer
Heather Grego
Karl Elvin
Amy Evers

Manager, Graphics: Charl Richey

Electronic Imaging Specialists:
Joe Amft
Noel Chaparro
Carolyn Hall

Manager, Proofreading:
Teresa H. Omiotek

Proofreaders:
David Antos
Daniel James
Rachel Novickas

Manager, Proofreading:
Teresa H. Omiotek

Proofreaders:
Mary Kay Tinerella
Barbara Wojtowicz

Manager, Database & New Media:
Mary Ellen Johnston

Indexer: Kathy Gaydar

New Media Specialists:
Joel Brammeier
Regina Brownlee
La'son J. Diggs
Melanie Parenti
Angela Smits

Production Assistant: Ruth Sprague



ARCHIVES

OF

INTERNAL MEDICINE

VOL 159 NO. 22, DECEMBER 13/27, 1999

EDITORIALS

- The Benefits of Lowering Cholesterol in Subjects With Mild Hyperglycemia** 2627
Ronald B. Goldberg, MD
- Data vs Opinion, Phenytoin vs Fosphenytoin: The Saga Continues** 2631
David M. Labiner, MD

COMMENTARY

- The Economics of Therapeutic Advances: The Paradigm of Sympathetic Suppression in Chronic Heart Failure** 2634
Irene Gavras, MD;
Athanasios J. Manolis, MD;
Haralambos Gavras, MD

SPECIAL ARTICLE

- Guidelines for Nonemergency Use of Parenteral Phenytoin Products: Proceedings of an Expert Panel Consensus Process** 2639
Patrick D. Meek, PharmD;
Stephanie N. Davis, PharmD;
D. Michael Collins, RPh, BS;
Barry E. Gidal, PharmD;
Paul A. Rutecki, MD;
Aaron H. Burstein, PharmD;
James H. Fischer, PharmD;
Ilo E. Leppik, MD;
R. Eugene Ramsay, MD;
for the Panel on Nonemergency Use of Parenteral Phenytoin Products

REVIEW ARTICLE

- The Continuing Importance of Bile Acids in Liver and Intestinal Disease** 2647
Alan F. Hofmann, MD

American Medical Association

Physicians dedicated to the health of America



Copyright 1999 by the American Medical Association. All rights reserved. Reproduction without permission is prohibited.

All articles published, including editorials, letters, and book reviews, represent the opinions of the authors and do not reflect the policy of the American Medical Association, the Editorial Board, or the institution with which the author is affiliated, unless this is clearly specified.

E. Ratcliffe Anderson, Jr, MD
Executive Vice President,
Chief Executive Officer

Lynn E. Jensen, PhD
Chief Operating Officer

Robert A. Musacchio, PhD
Senior Vice President,
Publishing & Business Services

Robert L. Kennett
Vice President,
Publishing

Peter L. Payerli
Publisher

Peter G. Messina
National Sales Manager

Geoffrey A. Flick
Manager, Marketing Services

Cheryl Iverson
Director, Editorial Processing Division

Vanessa Hayden
Director, Production &
Distribution Division

James A. Skowrenski
Director, Circulation &
Content Marketing Division

Advertising Offices: East: Peter G. Messina,
Kelly Lezynski, 119 Cherry Hill Rd, 3rd Flr,
Parsippany, NJ 07054 (973) 263-9191.
Midwest/West: Alexis O'Connell, 515 N
State, Chicago, IL 60610 (312) 464-2470.
AMA Classified Advertising Department:
Thalia Moss, 800-262-2260.

**Reduced Coronary Events
in Simvastatin-Treated Patients
With Coronary Heart Disease
and Diabetes or Impaired Fasting
Glucose Levels: Subgroup Analyses
in the Scandinavian Simvastatin
Survival Study** 2661

Steven M. Haffner, MD;
Charles M. Alexander, MD;
Thomas J. Cook, MS;
Stephen J. Boccuzzi, PhD;
Thomas A. Musliner, MD;
Terje R. Pedersen, MD;
John Kjekshus, MD;
Kalevi Pyörälä, MD;
for the Scandinavian Simvastatin
Survival Study Group

**Evaluating Hypertension Control
in a Managed Care Setting** 2673

Mark Alexander, PhD;
Irene Tekawa, MA;
Enid Hunkeler, MA;
Bruce Fireman, MA;
Richard Rowell, MPH;
Joe V. Selby, MD, MPH;
Barry M. Massie, MD;
Warren Cooper, MD

**Cranial Computed Tomography
Before Lumbar Puncture:
A Prospective Clinical Evaluation** 2681

Ajay K. Gopal, MD;
James D. Whitehouse, MD;
David L. Simel, MD, MHS;
G. Ralph Corey, MD

**Reliability of Self-reported
Blood Pressure Measurements** 2689

Kjel A. Johnson, PharmD;
Deborah J. Partsch, PharmD;
Lori L. Rippole, RN-C;
Devon M. McVey, MS

**Treatment Patterns Among
Adult Patients With Asthma:
Factors Associated With Overuse
of Inhaled β -Agonists and Underuse
of Inhaled Corticosteroids**

Gregory B. Diette, MD, MHS;
Albert W. Wu, MD, MPH;
Elizabeth A. Skinner, MSW;
Leona Markson, ScD;
Rebecca D. Clark;
Robert C. McDonald, MD, FCCP;
Joseph P. Healy, Jr, PhD;
Michael Huber;
Donald M. Steinwachs, PhD

**Partial Thromboplastin Time:
Prediction of Adverse Events
and Poor Prognosis by Low
Abnormal Values** 2706

Neena M. Reddy, MS;
Stephen W. Hall, MD;
F. Roy MacKintosh, MD, PhD

**Thyroid Carcinomas After Irradiation
for a First Cancer During Childhood** 2713

Florent de Vathaire, PhD;
Claire Hardiman;
Akthar Shamsaldin, PhD;
Sarah Campbell;
Emmanuel Grimaud, PhD;
Mike Hawkins, PhD;
Mariane Raquin, MD;
Odile Oberlin, MD;
Ibrahima Diallo, PhD;
Jean-Michel Zucker, MD;
Xavier Panis, MD;
Jean Leon Lagrange, MD;
Nicolas Daly-Schweitzer, MD;
Jean Lemerle, MD;
Jean Chavaudra, PhD;
Martin Schlumberger, MD;
Catherine Bonaïti, PhD, MD

ARCHIVES
OF
INTERNAL MEDICINE

Editor:

James E. Dalen, MD, MPH
1228 E Prince Rd
Suite A
Tucson, AZ 85719

Deputy Editor:

Richard S. Liebowitz, MD
Tucson, Ariz

Associate Editors:

Frederick R. Ahmann, MD
Tucson, Ariz

Robert J. Goldberg, PhD
Worcester, Mass

Eskild A. Petersen, MD
Tucson, Ariz

Editorial Assistant:

Janet S. Frank
Tucson, Ariz

Editorial Board:

Joseph S. Alpert, MD
Tucson, Ariz

Christine K. Cassel, MD
New York, NY

William S. Dalton, MD
Tampa, Fla

M. Brian Fennerty, MD
Portland, Ore

Faith T. Fitzgerald, MD
Sacramento, Calif

John P. Howe III, MD
San Antonio, Tex

Jack M. Matloff, MD
Los Angeles, Calif

Raymond Taetle, MD
Tucson, Ariz

| | | | |
|--|------|---|------|
| Time Course of Reversal of Anticoagulant Effect of Warfarin by Intravenous and Subcutaneous Phytonadione <i>Guna Raj, MD;</i> <i>Raminder Kumar, MD;</i> <i>W. Paul McKinney, MD</i> | 2721 | Amoxicillin Can Induce Aseptic Meningitis <i>Wolfgang M. Czerwenka, MD</i> | 2746 |
| | | In Reply <i>Juan C. Garcia-Monco, MD;</i> <i>Germán Moris, MD</i> | 2746 |
| Lesbians' Sexual History With Men: Implications for Taking a Sexual History <i>Allison L. Diamant, MD, MSHS;</i> <i>Mark A. Schuster, MD, PhD;</i> <i>Kimberly McGuigan, PhD;</i> <i>Janet Lever, PhD</i> | 2730 | Laboratory Diagnosis of Vitamin B₁₂ and Folate Deficiency <i>Lawrence Rice, MD</i> | 2746 |
| | | Folate Is Not What It Is Cracked Up to Be <i>George S. Cembrowski, MD, PhD;</i> <i>Mona M. Zhang;</i> <i>Connie I. Prosser, PhD;</i> <i>Trefor Higgins, MS</i> | 2747 |
| | | In Reply <i>Christopher F. Snow, MD</i> | 2747 |
| CLINICAL OBSERVATION | | | |
| Chronic Disease Management: Treating the Patient With Disease(s) vs Treating Disease(s) in the Patient <i>Robert F. DeBusk, MD;</i> <i>Jeffrey A. West, MD;</i> <i>Nancy Houston Miller, RN, BSN;</i> <i>C. Barr Taylor, MD</i> | 2739 | | |
| EDITOR'S CORRESPONDENCE | | | |
| Drug-Induced Neutropenias: Now and Then <i>Jan Palmblad, MD, PhD</i> | 2745 | | |
| In Reply <i>M. M. van der Klauw, MD, PhD;</i> <i>B. H. Ch. Stricker, MB, PhD</i> | 2745 | | |
| Hyperglycemia-Induced Hyponatremia: Is It Time to Correct the Correction Factor? <i>A. S. Kashyap, MD</i> | 2745 | | |
| In Reply <i>James R. Oster, MD;</i> <i>Irwin Singer, MD</i> | 2746 | | |
| | | REGULAR DEPARTMENTS | |
| | | Instructions for Authors | 2749 |
| | | ARCHIVES CME | 2751 |
| | | Reviewers for 1999 | 2753 |
| | | Index to Volume 159 | 2762 |
| | | Classified Advertising | 2793 |
| | | Index to Advertisers | 2796 |