

JAMA

The Journal of the American Medical Association



Man Ray (Emmanuel Radnitzky) (1890-1976), *Departure of Summer*, 1914, American.

Letters

High-Density Lipoprotein Cholesterol and Risk of Stroke 1573
K. SHEIKH; R. L. SACCO,
B. BODEN-ALBALA

Relationship of Physician Volume to Mortality After Acute Myocardial Infarction

W. B. CAMPBELL; J. V. TU,
P. C. AUSTIN, B. T. B. CHAN

Reimbursement as Incentive to Improve Physicians' Quality of Care

A. J. FINESTONE; C. I. KIEFE,
S. D. PERSON, N. W. WEISSMAN,
O. D. WILLIAMS, M. T. WEAVER

Liposuction in Medical Offices

R. H. DEJONG; B. COLDIRON

Managed Care: Success or Failure

C. V. ALLEN; L. BEICHL; H. RENZ-POLSTER

Ethical Issues in the Reporting of Clinical Trials

B. DJULBEGOVIC, M. CLARKE;
K. F. SCHULZ, D. MOHER,
D. G. ALTMAN

Research Letter 1578

Pain Associated With Injection Using Frozen vs Room-Temperature Needles

K. DENKLER

118 Years of
CONTINUOUS
PUBLICATION

EDITOR
Catherine D. DeAngelis, MD, MPH

www.jama.com

October 3, 2001

ORIGINAL CONTRIBUTIONS

Single vs Weekly Courses of Antenatal Corticosteroids for Women at Risk of Preterm Delivery: A Randomized Controlled Trial 1581

D. A. GUINN, M. W. ATKINSON, L. SULLIVAN, M. LEE, S. MACGREGOR,
B. V. PARILLA, J. DAVIES, K. HANLON-LUNDBERG, L. SIMPSON,
J. STONE, D. WING, K. OGASAWARA, J. MURASKAS

Initial Effects of Graduated Driver Licensing on 16-Year-Old Driver Crashes in North Carolina 1588

R. D. FOSS, J. R. FEAGANES, E. A. RODGMAN

Graduated Driver Licensing in Michigan: Early Impact on Motor Vehicle Crashes Among 16-Year-Old Drivers 1593

J. T. SHOPE, L. J. MOLNAR, M. R. ELLIOTT, P. F. WALLER

Leg Symptoms in Peripheral Arterial Disease: Associated Clinical Characteristics and Functional Impairment 1599

M. M. MCDERMOTT, P. GREENLAND, K. LIU, J. M. GURALNIK,
M. H. CRIQUI, N. C. DOLAN, C. CHAN, L. CELIC, W. H. PEARCE,
J. R. SCHNEIDER, L. SHARMA, E. CLARK, D. GIBSON, G. J. MARTIN

BRIEF REPORT

Coprescribing and Codispensing of Cisapride and Contraindicated Drugs 1607

J. K. JONES, D. FIFE, S. CURKENDALL, E. GOEHRING, J. J. GUO, M. SHANNON

THE RATIONAL CLINICAL EXAMINATION

Does This Patient Have a Torn Meniscus or Ligament of the Knee? Value of the Physical Examination 1610

D. H. SOLOMON, D. L. SIMEL, D. W. BATES, J. N. KATZ, J. L. SCHAFFER

GRAND ROUNDS

Depression in Patients Recovering From a Myocardial Infarction 1621

R. C. ZIEGELSTEIN

EDITORIALS

Antenatal Corticosteroids—Too Much of a Good Thing? 1628

E. E. LAWSON

Graduated Driver Licensing Systems: Reducing Crashes Among Teenage Drivers 1631

A. T. MCCART

(Reprinted) (TABLE OF CONTENTS CONTINUED ON PAGE 1543.) 1541

JAMA

Humanities

THE COVER 1549
Departure of Summer
 M. T. SOUTHGATE

POETRY AND MEDICINE 1550
 On a Wizardless Ward
 T. DORSETT

JAMA 100 YEARS AGO 1552
 Are Atoms Real Entities?

Reader Service

This Week in JAMA 1545

Masthead 1546

Abstracts 1553

Archives Journals Abstracts 1559

Obituary Listing 1646

Correction 1578

Continuing Medical Education 1649

Classified Advertising and Announcements 1652

Index of Advertisers 1667

Reference Directories

Meetings in the United States and International Meetings September 12, 2001

Organizations of Medical Interest and State Medical Associations and Examinations and Licensure July 25, 2001

JAMA Instructions for Authors

JULY 4, 2001

Contact Information 1667
Subscriptions: (800) 262-2350
 fax: (312) 464-5831
 ama-sub@ama-assn.org
Permissions: (312) 464-2513
 fax: (312) 464-5835
 rhonda_bailey@ama-assn.org
Editorial Office: (312) 464-2402
 fax: (312) 464-5824
 jamams@ama-assn.org

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

msJAMA 1633

Genetics and Preventive Medicine: A Time for Inquiry
 S. WEISBERG

The Role of Genomics in Public Health and Disease Prevention
 K. K. STEINBERG, M. GWINN

The Genetics of Sudden Death
 W. S. RUBINSTEIN, R. I. LOPEZ-SOLER

Genomics in Medicine and Public Health: Role of Cost-effectiveness Analysis
 S. J. GOLDIE, A. R. LEVIN

Genomic Medicine: Managing the Complexity
 J. A. PHILLIPS III

BOOKS, JOURNALS, NEW MEDIA 1641

Critical Issues in Global Health (Koop et al, eds)
 REVIEWED BY R. H. SPRINKLE

Dermatology (Braun-Falco et al, eds)
 REVIEWED BY L. E. MILLIKAN

Osler's "A Way of Life" and Other Addresses With Commentary and Annotations (Hinojara, Niki, eds)
 REVIEWED BY G. TREMBLAY

The Obstetrician's Armamentarium: Historical Obstetric Instruments and Their Inventors (Hibbard)
 REVIEWED BY R. T. BURKMAN

Books, Journals, New Media Received

JAMA PATIENT PAGE

Teenaged Drivers 1668

News and Analysis

MEDICAL NEWS & PERSPECTIVES 1563

Health Care Practitioners and Organizations Prepare for Approaching HIPAA Deadlines

Brain Exhibit Starts 6-Year US Journey

Ophthalmologists Eye New Examination Tool

HMOs Report Quality Improvements

FROM THE FOOD AND DRUG ADMINISTRATION 1569

Hypercalcemia of Malignancy

Congestive Heart Failure Treatment

Reprocessing of Single-Use Devices

FROM THE CENTERS FOR DISEASE CONTROL AND PREVENTION 1570

Outbreak of Pneumococcal Pneumonia Among Unvaccinated Residents of a Nursing Home—New Jersey, April 2001

Self-Reported Asthma Prevalence Among Adults—United States, 2000

JAMA

EDITORIAL STAFF

EDITOR

Catherine D. DeAngelis, MD, MPH

Executive Deputy Editor: Phil B. Fontanarosa, MD**Deputy Editors:** Richard M. Glass, MD, Drummond Rennie, MD, Margaret A. Winkler, MD**Senior Contributing Editor:** M. Therese Southgate, MD**Managing Senior Editor:** Annette Flanagan**Senior Editor:** Stephen J. Lurie, MD, PhD**Contributing Editors:** Charles B. Clayman, MD, Helene M. Cole, MD, Thomas B. Cole, MD, MPH, David S. Cooper, MD, Michael S. Lauer, MD, Wendy Levinson, MD, David H. Mark, MD, MPH, Robert A. McNutt, MD, Harriet S. Meyer, MD, Carin M. Olson, MD, Jeanette M. Smith, MD, Jody W. Zylke, MD**Consulting Editor:** Deborah J. Cook, MD**Statistical Editor:** Naomi Vaisrub, PhD**Associate Editors:** Charlene Breedlove, Roxanne K. Young**Fishbein Fellow:** Janet M. Torpy, MD**Medical News & Perspectives:** Marsha F. Goldsmith (editor); Mike Mitka, Joan Stephenson, PhD, Brian Vastag (associate editors); Rebecca Voelker (contributing editor)**Assistant Editors:** Jennifer Reiling, Juliana M. Walker**MSJAMA:** Stuart P. Weisberg (editor)**Assistant to the Editor:** Helga Fritz**Administrative Assistant:** Nadine Siewnarine**Editorial Graphics:** Ronna Henry Siegel, MD (director); Cassio Lynm (medical illustrator)
Electronic Media: Michelle Kurzynski (director); Katherine Behar, Erin Giannini (associate Web editors); Marla A. Hall (Web office manager)**Editorial Systems and Administration:** Elaine Williams (director); Gale Saulsberry (database specialist); Lenette Gardner-Gullens (electronic input supervisor); Fanny L. Brown, Celina Canchola (electronic input specialists)**Staff Assistant:** Gloria Tate**Editorial Assistants:** Patricia Joworski (group supervisor); Mary Cannon, Susan Collister, Dawn Cortez, Audrey Forman, Shirley Gogins, Gwenn Gregg, Lisa Hardin, Carmina Landeros, Mary Ann Lilly, Rachell M. Lozano, Rosa E. Miranda, Lupe Morales, Ethel Pinkston, Cara Savage**Editorial Processing Division:** Cheryl Iverson (director); Paul Frank (electronic editing specialist); Monica Mungle (assistant electronic editing specialist); J. D. Neff (associate editorial systems developer)**Copyediting:** Stacy L. Christiansen (director); Joy K. Jaeger (abstracts editor); Coleen Adamson, Susan R. Benner, Beverly Stewart (senior copy editors); Heather A. Heminger, Phil Sefton

PUBLISHING AND BUSINESS STAFF

Interim Vice President, Publishing: Peter L. Payerli**Publisher:** Peter J. Murphy**Production and Distribution Division:****Directors:** Karen Adams-Taylor, Paul Gasecki, Vanessa Hayden**Managers:** David Antos, Karen Branham, Debbie Camp, Diane Darnell, Karl Elvin, Betty Frigerio, Terri Hanley, Mary Ellen Johnston, Carole Piszker, Susan Price, Charl Richey, Carmela Ware**Production Assistant:** Kristy Kamaban**Production Associates and Specialists:****Advertising and Production Services:** LaWanda Brown, Susan Chiara, Mary Anne Donley, Brian McCartney, Sarah Powell, Denise Steinhauer, Ellen Yoshihara**Composition:** Rebecca Aiken, Brenda Chandler-Grayer, Amy Evers, Fred Furtner, Mary Ann Kuranda, Sandra Lopez
Database & New Media: Bruce McGregor (indexer), Clifford O. Barrett, Gail Barrett, Regina Brownlee, Rowena F. Dagang, John Marcinek, La'son Diggs Sledge, Angela Smits**Distribution:** Linda Alexander, Michelle Robinson**Graphics:** Joe Amft, Noel Chaparro, Carolyn Hall, Maria Kowalkowski, Chris Meyer, JoAnne Weiskopf**Proofreading:** Daniel James, Teresa H. Omiolek,

Mary Kay Tinerella, Barbara Wojtowicz, Agnes A. Zarkadas

Circulation Processing: Karen Howes (director); Alfred Tomaselli (manager); Reginald Jordan, Kathryn Osten (specialists); Julie Burton (assistant application administrator)**Circulation Development:** Bina Oza (director); Vida Damijonaitis, Donna Goldman, Michael McGraw (managers); Sandra Garzon (specialist)**Licensing and Permissions:** Norman Frankel (director); Rhonda Bailey (permissions); fax: (312) 464-5835**Subscriber Services:** (800) 262-2350; fax: (312) 464-5831; e-mail: ama-sub@ama-assn.org**Advertising Sales Staff:**

Stuart H. Williams (director)

Eastern: Susan J. Carollo, Nancy E. Souza (representatives); 119 Cherry Hill Rd, Third Floor, Parsippany, NJ 07054, (973) 263-9191**Midwest/Farwest:** Jeffery J. Bonistalli (representative); 515 N State St, Chicago, IL 60610, (312) 464-2551**Classified Advertising:** Crystal Wells (director); 515 N State St, Chicago, IL 60610, (312) 464-2456**Marketing Services Manager:** Kathleen Hiltz

AMA EXECUTIVES AND TRUSTEES

Senior Vice President, Publishing and Business Services: Robert A. Musacchio, PhD**President:** Richard F. Corlin, MD**President-Elect:** Yank D. Coble, Jr, MD**Immediate Past President:** Randolph D. Smoak, Jr, MD**Speaker, House of Delegates:** John A. Knotte, MD**Vice-Speaker, House of Delegates:** Nancy H. Nielsen, MD, PhD**Trustees:** Timothy T. Flaherty, MD (chair); J. Edward Hill, MD (chair-elect); Donald J. Palmisano, MD (secretary-treasurer); Herman I. Abramowitz, MD; Susan Hersberg Adelman, MD;

Duane M. Cady, MD; Ronald M. Davis, MD;

Hillary Johnson (student); D. Ted Lewers, MD;

John C. Nelson, MD; William G. Plested III, MD;

J. James Rohack, MD; Joseph A. Riggs, MD;

Bruce A. Scott, MD (young physician);

Peter Y. Watson, MD (resident)

JOURNAL OVERSIGHT COMMITTEE

Joshua Lederberg, PhD (chair), Christine K. Cassel, MD, David A. Kessler, MD, JD, Robert A. Musacchio, PhD, William M. Passano, Jr, Roy M. Pitkin, MD, Kenneth I. Shine, MD

EDITORIAL BOARD

Daniel M. Albert, MD
University of Wisconsin Hospital
and Clinics
Madison, Wis**Kenneth A. Arndt, MD**
Harvard Medical School
Boston, Mass**H. David Banta, MD**
The Netherlands Organization
for Applied Scientific Research
Leiden, the Netherlands**Jack D. Barchas, MD**
Cornell University
Medical College
New York, NY**Michael Berger, MD**
Heinrich Heine Universität Düsseldorf
Düsseldorf, Germany**Robert J. Blendon, ScD**
Harvard University
Boston, Mass**Marjorie A. Bowman, MD, MPA**
University of Pennsylvania
Health System
Philadelphia, Pa**James E. Dalen, MD**
University of Arizona
College of Medicine
Tucson, Ariz**Lois DeBakey, PhD**
Baylor College of Medicine
Houston, Tex**Pierre Durieux, MD, MPH**
Université Paris 6
Paris, France**Ronald G. Evens, MD**
Barnes-Jewish Hospital
St Louis, Mo**Michael E. Johns, MD**
Robert W. Woodruff
Health Sciences Center
of Emory University
Atlanta, Ga**Colin I. Johnston, MB, BS**
University of Melbourne
Melbourne, Australia**Mary-Claire King, PhD**
University of Washington
Seattle, Wash**Wayne F. Larrabee, Jr, MD**
University of Washington
Seattle, Wash**Joseph K. Lim, MD**
Yale University School of Medicine
New Haven, Conn**Donald A. B. Lindberg, MD**
National Library of Medicine
Bethesda, Md**Kenneth D. McClatchey, MD, DDS**
Loyola University Medical Center
Maywood, Ill**C. David Naylor, MD, DPhil**
University of Toronto
Toronto, Ontario, Canada**Claude H. Organ, Jr, MD**
University of California—Davis, East Bay
Oakland, Calif**Edmund D. Pellegrino, MD**
Georgetown University
Washington, DC**Uwe E. Reinhardt, PhD**
Princeton University, Princeton, NJ**Povl Riis, MD, DScI, DHC**
Professor of Medicine
Copenhagen, Denmark**Frederick P. Rivara, MD, MPH**
University of Washington
Seattle, Wash**William L. Roper, MD, MPH**
University of North Carolina at Chapel Hill
Chapel Hill, NC**Roger N. Rosenberg, MD**
University of Texas Southwestern Medical Center
Dallas, Tex**Masaaki Terada, MD**
National Cancer Center
Tokyo, Japan

INTERNATIONAL ADVISORY COMMITTEE

Bassel Atallah, MD, JAMA—Middle East**Mauro Bologna, MD, JAMA—Italy****Csaba Farsang, MD, DSc, JAMA—Hungary****Igor Francetic, MD, PhD, JAMA—Croatia****Evarist Feliu Frasnado, MD, JAMA—Spain****Zbigniew A. Gaciong, MD, PhD,****JAMA—Poland****Carlos R. Gherardi, MD, JAMA—Argentina****Carla Gikovate, MD, MSc, JAMA—Brazil****Hiromasa Ishii, MD, JAMA—Japan****Evin Kantemir, MD, JAMA—Turkey****A. J. Khan, SI, FRCP, JAMA—Pakistan****Li Chengyi, MD, JAMA—China****Victor Hugo Olmedo Canchola, MD,****JAMA—Mexico****Ivan Vidmar, MD, JAMA—Slovenia****Jiří Widimský, MUDr, DrSc,****JAMA—Czech/Slovak****Alexei Yurenev, MD, JAMA—Russia**