

# JAMA

The Journal of the American Medical Association



John Singleton Copley (1738-1815), *Sir William Pepperrell and His Family*, 1778, American.

## Letters

### Racial Disparities in Health Care ... 2942

J. BARNHART, S. WASSERTHEIL-SMOLLER;  
S. M. KOROUKIAN; G. D. STEVENS,  
L. C. BURTON, J. P. WEINER;  
E. C. SCHNEIDER, A. M. EPSTEIN,  
A. M. ZASLAVSKY

### Factors in Tuberculosis Contact Investigations

M. REICHLER, Z. TAYLOR,  
K. G. CASTRO; W. BAILEY,  
L. B. GERALD, M. E. KIMERLING,  
F. BRUCE, S. DUNCAN, C. M. BROOKS,  
N. E. DUNLAP, D. T. REDDEN,  
S. TANG, N. BROOK; W. C. BAILEY

### Research Letter ..... 2945

#### Fast Food Franchises in Hospitals

P. CRAM, B. K. NALLAMOTHU,  
A. M. FENDRICK, S. SAINT

## June 12, 2002

### ORIGINAL CONTRIBUTIONS

#### Patient Complaints and Malpractice Risk ..... 2951

G. B. HICKSON, C. F. FEDERSPIEL, J. W. PICHERT,  
C. S. MILLER, J. GAULD-JAEGER, P. BOST

#### Respiratory Infections With *Pseudomonas aeruginosa* in Children With Cystic Fibrosis: Early Detection by Serology and Assessment of Risk Factors ..... 2958

S. E. H. WEST, L. ZENG, B. L. LEE, M. R. KOSOROK, A. LAXOVA,  
M. J. ROCK, M. J. SPLAINGARD, P. M. FARRELL

#### Rupture Rate of Large Abdominal Aortic Aneurysms in Patients Refusing or Unfit for Elective Repair ..... 2968

F. A. LEDERLE, G. R. JOHNSON, S. E. WILSON, D. J. BALLARD, W. D. JORDAN, JR,  
J. BLEBEA, F. N. LITTOOY, J. A. FREISCHLAG, D. BANDYK, J. H. RAPP, A. A. SALAM;  
FOR THE VETERANS AFFAIRS COOPERATIVE STUDY #417 INVESTIGATORS

#### Correlation of Quality Measures With Estimates of Treatment Effect in Meta-analyses of Randomized Controlled Trials ..... 2973

E. M. BALK, P. A. L. BONIS, H. MOSKOWITZ, C. H. SCHMID,  
J. P. A. IOANNIDIS, C. WANG, J. LAU

### SPECIAL COMMUNICATION

#### Using Tobacco-Industry Marketing Research to Design More Effective Tobacco-Control Campaigns ..... 2983

P. M. LING, S. A. GLANTZ

### HEALTH LAW AND ETHICS

#### Tobacco Advertising in the United States: A Proposal for a Constitutionally Acceptable Form of Regulation ..... 2990

R. BAYER, L. O. GOSTIN, G. H. JAVITT, A. BRANDT

### COMMENTARY

#### Counteracting Cigarette Advertising ..... 3001

A. B. MORRISON

### EDITORIAL

#### Putting the Patient in Patient Safety: Linking Patient Complaints and Malpractice Risk ..... 3003

W. M. SAGE

### CLINICIAN'S CORNER

#### GRAND ROUNDS AT THE JOHNS HOPKINS BAYVIEW MEDICAL CENTER

#### Temporal Arteritis: A Cough, Toothache, and Tongue Infarction ..... 2996

D. B. HELLMANN

118 Years of  
CONTINUOUS  
PUBLICATION

EDITOR  
Catherine D. DeAngelis, MD, MPH

www.jama.com

(Reprinted) (TABLE OF CONTENTS CONTINUED ON PAGE 2905.) 2903

©2002 American Medical Association. All rights reserved.

# JAMA

## Humanities

**THE COVER** ..... 2909

*Sir William Pepperrell and His Family*  
M. T. SOUTHGATE

**POETRY AND MEDICINE** ..... 2910

Falling  
K. HUNT

**A PIECE OF MY MIND** ..... 2913

Everything  
S. R. COX

**JAMA 100 YEARS AGO** ..... 2916

City Children During the Summer  
The Stimulus of Sunlight  
Vacations for City People

## Reader Service

**This Week in JAMA** ..... 2907

**Masthead** ..... 2908

**Abstracts** ..... 2921

**Archives Journals Abstracts** ..... 2926

**Correction** ..... 2946

**CME Announcement** ..... 2946

**The Key and Critical Objectives of JAMA** ..... 3012

### Reference Directories

MEETINGS IN THE UNITED STATES AND INTERNATIONAL MEETINGS ..... 3013  
ORGANIZATIONS OF MEDICAL INTEREST AND STATE MEDICAL ASSOCIATIONS AND EXAMINATIONS AND LICENSURE ..... July 25, 2001

**Continuing Medical Education** ..... 3017

**Classified Advertising and Announcements** ..... 3020

**Index of Advertisers** ..... 3033

### JAMA Instructions for Authors

January 2, 2002

**Contact Information** ..... 3033  
**Subscriptions:** (800) 262-2350  
fax: (312) 464-5831  
ama-subs@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.

[www.jama.com](http://www.jama.com)

## CONTEMPO UPDATES: LINKING EVIDENCE AND EXPERIENCE

Evolving Treatment Strategies for Epilepsy ..... 2917  
R. DIAZ-ARRASTIA, M. A. AGOSTINI, P. C. VAN NESS

**BOOKS, JOURNALS, NEW MEDIA** ..... 3007

The Science of Conjecture: Evidence and Probability Before Pascal (Franklin)  
REVIEWED BY F. BUTZEN

Restoring the Balance: Women Physicians and the Profession of Medicine, 1850-1995 (More)  
REVIEWED BY D. P. LEMCKE

An American Health Dilemma: Race, Medicine, and Health Care in the United States 1900-2000, vol 2 (Byrd, Clayton)  
REVIEWED BY K. A. JOHNSON

Inventing Modern America: From the Microwave to the Mouse (Brown)  
REVIEWED BY J. B. VANDERVEER, JR  
Books, Journals, New Media Received

## JAMA PATIENT PAGE

Temporal Arteritis ..... 3034

## News and Analysis

**MEDICAL NEWS & PERSPECTIVES** ..... 2931

Genomics and Proteomics May Help Clinicians Individualize Cancer Treatment  
Business Learns Wisdom of Treating Employees With Psychiatric Disability  
New Bioethics Council Offers No Recommendations

**FROM THE FOOD AND DRUG ADMINISTRATION** ..... 2936

Synthetic Secretin Approved  
IND Submission Exemptions  
Advisory Committee Meetings

**THE WORLD IN MEDICINE** ..... 2937

Eroding Amyloid Deposits  
Pollution and Child Health  
Breath Test vs Endoscopy  
Combating Cavities

**FROM THE CENTERS FOR DISEASE CONTROL AND PREVENTION** ..... 2938

Nonoxynol-9 Spermicide Contraception Use—United States, 1999  
Fixed Obstructive Lung Disease in Workers at a Microwave Popcorn Factory—Missouri, 2000-2002

©2002 American Medical Association. All rights reserved.

(Reprinted) 2905

# 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. Winker, 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, Carrin 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 Lynn (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, Kenny Stewart

**Editorial Processing Division:** Cheryl Iverson (director); Paul Frank, Monica Mungle (editorial systems managers); 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); Phil Sefton, Heather A. Shebel, Cara Wallace

**JAMA/Archives Media Relations:** Jann Ingmire (director); Jim Michalski, Lise M. Stevens

## PUBLISHING AND BUSINESS STAFF

**Group Publisher:** Nawin Gupta, PhD

**Publishing Operations Director:**

**Division Director:** Vanessa Hayden

**Directors:** Karen Adams-Taylor, Paul Gasielki

**Managers:** David Antos, Debbie Camp, Karl Elvin, Betty Frigerio, Mary Ellen Johnston, Susan Price, Charl Richey, Carmela Ware

**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

**Graphics:** Joe Amft, Noel Chaparro, Carolyn Hall, Maria Kowalkowski, Chris Meyer, JoAnne Weiskopf

**Proofreading:** Carol Joy Farrell, Daniel James, Teresa H. Omiotek, Mary Kay Tinerella, Barbara Wojtowicz, Agnes A. Zarkadas

**Director, Circulation and Classified Advertising:** Curt Reilly

**Circulation Processing:** Alfred Tomaselli (manager)

**Circulation Development:** Vida Damijonaitis, Donna Goldman, Michael McGraw (managers)

**Classified Advertising:** Thalia Moss (manager) (800) 262-2260; 515 N State St, Chicago, IL 60610

**Subscriber Services:** (800) 262-2350; fax: (312) 464-5831; e-mail: ama-sub@ama-assn.org

**Licensing and Permissions:** Norman Frankel, PhD (director); Rhonda Bailey (permissions); fax: (312) 464-5835

**National Sales Director:** Peter J. Murphy

**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

**Marketing Services Manager:** Kathleen Hiltz

**Publishing Manager:** Geoffrey A. Flick

## AMA EXECUTIVES AND TRUSTEES

**Executive Vice President, Chief Executive Officer:** Michael D. Maves, MD, MBA

**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. Knote, 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

**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

**Cyril Chantler, MD, FRCP**  
London, United Kingdom

**Joseph T. Coyle, MD**  
Harvard Medical School  
Boston, Mass

**James E. Dalen, MD**  
University of Arizona  
College of Medicine  
Tucson, Ariz

**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

**June E. Osborn, MD**  
Josiah Macy, Jr Foundation  
New York, NY

**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**

**Carla Gikovate, MD, MSc, JAMA—Brazil**

**Hirosama 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**