

JAMA

The Journal of the American Medical Association



Horse (tomb figure), Tang dynasty, first half of eighth century, Chinese.

February 28, 2001

ORIGINAL CONTRIBUTIONS

Subsequent Criminal Activity Among Violent Misdemeanants Who Seek to Purchase Handguns: Risk Factors and Effectiveness of Denying Handgun Purchase 1019

G. J. WINTEMUTE, M. A. WRIGHT, C. M. DRAKE, J. J. BEAUMONT

Relation Between Pediatric Experience and Treatment Recommendations for Children and Adolescents With Kidney Failure 1027

S. L. FURTH, W. HWANG, C. YANG, A. M. NEU, B. A. FIVUSH, N. R. POWE

Discrepancies Between Patient and Physician Estimates for the Success of Stem Cell Transplantation 1034

S. J. LEE, D. FAIRCLOUGH, J. H. ANTIN, J. C. WEEKS

PRELIMINARY COMMUNICATION

Culture and Immunological Detection of *Tropheryma whippelii* From the Duodenum of a Patient With Whipple Disease 1039

D. RAOULT, B. LA SCOLA, P. LECOCQ, H. LEPIDI, P.-E. FOURNIER

REVIEW

Second-Trimester Ultrasound to Detect Fetuses With Down Syndrome: A Meta-analysis 1044

R. SMITH-BINDMAN, W. HOSMER, V. A. FELDSTEIN, J. J. DEEKS, J. D. GOLDBERG

BRIEF REPORT

Liver Transplantation and Opioid Dependence 1056

M. KOCH, P. BANYS

CONSENSUS STATEMENT

Botulinum Toxin as a Biological Weapon: Medical and Public Health Management 1059

S. S. ARNON, R. SCHECHTER, T. V. INGLESBY, D. A. HENDERSON, J. G. BARTLETT, M. S. ASCHER, E. EITZEN, A. D. FINE, J. HAUER, M. LAYTON, S. LILLIBRIDGE, M. T. OSTERHOLM, T. O'TOOLE, G. PARKER, T. M. PERL, P. K. RUSSELL, D. L. SWERDLOW, K. TONAT; FOR THE WORKING GROUP ON CIVILIAN BIODEFENSE

EDITORIALS

Complementary Strategies to Prevent Firearm Injury 1071

T. B. COLE

To Authors and Peer Reviewers—Thank You 1072

C. D. DEANGELIS, P. B. FONTANAROSA

Letters

Underuse of β -Blockers Following Myocardial Infarction 1013

D. BUDNITZ, W. R. NEUMAN; K. A. PHILLIPS, M. G. SHLIPAK, P. COXSON, L. GOLDMAN, P. A. HEIDENREICH, M. C. WEINSTEIN, P. A. GOLDMAN

Treatment Strategies for Migraine Headache

J. J. H. M. LOHMAN; R. K. CADY; R. B. LIPTON, W. F. STEWART, A. M. STONE, J. P. C. SAWYER, M. J. A. LAINEZ

Methodological Issues in Trials of Acupuncture

T. J. KAPTCHUK; E. FRANK; J. SHEN, N. WENGER, J. GLASPY, R. D. HAYS, P. S. ALBERT, C. CHOI, P. G. SHEKELLE

Demands of an Aging Population for Critical Care and Pulmonary Services

J. LYNN; C. W. HANSON III, R. N. SLADEN, N. H. COHEN, C. S. DEUTSCHMAN, M. BRESLOW; D. C. ANGUS

117 Years of CONTINUOUS PUBLICATION

EDITOR Catherine D. DeAngelis, MD, MPH

www.jama.com

(Reprinted) (TABLE OF CONTENTS CONTINUED ON PAGE 977.) 975

©2001 American Medical Association. All rights reserved.

JAMA

Humanities

THE COVER 983

Horse (tomb figure)

M. T. SOUTHGATE

POETRY AND MEDICINE 984

Late Winter Storm

J. STRASSER

JAMA 100 YEARS AGO 987

Proprietary Medicines and the Revenue Stamp

A Censorship for Articles of the *Materia Medica*

Jamaica-Ginger Drinkers' Amblyopia

Reader Service

This Week in JAMA 979

Masthead 980

Abstracts 995

Archives Journals Abstracts 999

The Key and Critical Objectives of JAMA 1002

Obituary 1093

Kenneth M. Brinkhous, MD

Obituary Listing 1094

Continuing Medical Education JAMA Reader's Choice 1097

Classified Advertising and Announcements 1100

Index of Advertisers 1111

Subscription, Business, and Contact Information 1111

Reference Directories

Meetings in the United States and International Meetings February 21, 2001

Organizations of Medical Interest and State Medical Associations and Examinations and Licensure July 26, 2000

JAMA Instructions for Authors

JANUARY 3, 2001

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

CONTEMPO UPDATES: LINKING EVIDENCE AND EXPERIENCE

Choice of Revascularization Strategy for Patients With Coronary Artery Disease 992

R. PRETRE, M. I. TURINA

BOOKS, JOURNALS, NEW MEDIA 1073

Clinical Radiation Oncology (Gunderson, Tepper, eds)

REVIEWED BY W. G. GUNN

The Diagnosis (Lightman)

REVIEWED BY T. MIKSANEK

Principles and Practice of Sleep Medicine (Kryger et al, eds)

REVIEWED BY R. STAFFORD

Culture, Health, and Illness (Helman)

REVIEWED BY J. F. FENNELLY

Books, Journals, New Media Received

PEER REVIEWERS IN 2000

The JAMA Peer Review Report for 2000 1078

E. S. WILLIAMS

JAMA PATIENT PAGE

Down Syndrome 1112

News and Analysis

MEDICAL NEWS & PERSPECTIVES 1003

Former Addicts Face Barriers to Treatment for HCV

Win or Lose, Internet Gambling Stakes Are High

What's the Connection? No Easy Answers for People With Eating Disorders and Drug Abuse

QUICK UPTAKES 1008

Improving Sight

Smoke and Mirrors

Hypertension Differs

Workplace TB

FROM THE CENTERS FOR DISEASE CONTROL AND PREVENTION 1009

Hypothermia-Related Deaths—Suffolk County, New York, January 1999–March 2000, and United States, 1979–1998

Outbreak of Ebola Hemorrhagic Fever—Uganda, August 2000–January 2001

Publication of Report on Validation and Use of Measures of Health-Related Quality of Life

©2001 American Medical Association. All rights reserved.

(Reprinted) 977

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, Carin M. Olson, MD, Jeanette M. Smith, MD, Jody W. Zylke, MD

Consulting Editors: Robert A. Clark, MD, Deborah J. Cook, MD

Statistical Editor: Naomi Vaisrub, PhD

Associate Editors: Charlene Breedlove, Roxanne K. Young

Fishbein Fellow: Alice T. D. Hughes, 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: Alison J. Huang, MPhil, Stefan C. Weiss, MHS (coeditors)

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); Keith Huff (Web development editor); Nikhil Torsekar (assistant editor); Erin Giannini (Web copy editor); Marla A. Hall (Web office manager); Gemma Wall (editorial assistant)

Editorial Systems and Administration: Elaine Williams (director); Gale Saulsbery (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, Charisse Green, Gwenn Gregg, Lisa Hardin, Carmina Landeros, Mary Ann Lilly, 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)

Copyediting: Stacy L. Christiansen (director); Joy K. Jaeger (abstracts editor); Coleen Adamson, Susan R. Benner (senior copy editors); Diane Howard, Jennifer L. Reddy, Phil Sefton, Beverly Stewart

PUBLISHING AND BUSINESS STAFF

Vice President, Publishing: Robert L. Kennett

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 Assistants: Kristy Kambanis, Ruth Sprague

Production Associates and Specialists:

Advertising and Production Services: LaWanda Brown, Susan Chiara, Mary Anne Donley, Sarah Powell, Denise Steinhauser, Jo Anne Turner, 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, 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. Ormotek, Mary Kay Tinerella, Barbara Wojtowicz, Agnes A. Zarkadas

Circulation Processing: Robert Herling (director); Susan Stoken, Alfred Tomaselli (managers); Reginald Jordan, Kathryn Osten (specialists)

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, Alice H. Herman (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

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

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

President: Randolph D. Smoak, Jr, MD

President-Elect: Richard F. Corlin, MD

Immediate Past President: Thomas R. Reardon, MD

Speaker, House of Delegates: John A. Knote, MD

Vice-Speaker, House of Delegates: Nancy H. Nielsen, MD

Trustees: D. Ted Lewers, MD (chair); Timothy T. Flaherty, MD (chair-elect); Yank D. Coble, Jr, MD (secretary-treasurer); Herman I. Abramowitz, MD; Susan Hersberg Adelman, MD; Duane M. Cady, MD; J. Edward Hill, MD; William H. Mahood, MD; Sandeep "Sunny" Mistry (student); John C. Nelson, MD; Donald J. Palmisano, MD; William G. Plested, MD; Liana Puskas, MD (resident); Joseph A. Riggs, MD; Bruce A. Scott, MD (young physician)

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

Evarist Feliu Frasnado, MD, JAMA—Spain

Zbigniew A. Gacjong, 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