

JAMA

The Journal of the American Medical Association



Guido Reni (1575-1642), *Salome With the Head of St John the Baptist*, 1639-1640, Bolognese.

Letters

Violent Criminal Activity Among Handgun Purchasers With Prior Misdemeanor Convictions 425
 J. J. FOTIS; P. H. BLACKMAN; J. H. WOOD; G. J. WINTEMUTE, C. M. DRAKE, J. J. BEAUMONT, M. A. WRIGHT, C. A. PARHAM; T. B. COLE

Eschewing Accidents
 T. C. DOEGE

Research Letters 428

Firearm Use in G/PG-Rated Movies
 A. R. PELLETIER, K. P. QUINLAN, J. J. SACKS, T. J. VAN GILDER, J. GILCHRIST, H. K. AHLUWALIA

Perceived Effectiveness of International Medical Personnel Working in Bosnia
 M. J. VANROOYEN, J. G. GRABOWSKI, M. J. ELIADES, M. E. STRESS, J. JURIC

Public Health Surveillance for Firearm Injuries
 R. HAYES, E. LEBRUN, K. K. CHRISTOFFEL

Injury Monitoring in US Prison Systems
 K. M. THORBURN

Thromboembolic Events Following Arthroscopic Knee Surgery
 A. OBERNOSTERER, G. SCHIPPINGER, R. W. LIPP, G. WIRNSBERGER, R. ROLLER, E. PILGER

116 Years of
 CONTINUOUS
 PUBLICATION

INTERIM COEDITORS
 Richard M. Glass, MD
 Phil B. Fontanarosa, MD

www.jama.com

August 4, 1999

ORIGINAL CONTRIBUTIONS

Disability Associated With Psychiatric Comorbidity and Health Status in Bosnian Refugees Living in Croatia 433
 R. F. MOLLIKA, K. MCINNES, N. SARAJLIC, J. LAVELLE, I. SARAJLIC, M. P. MASSAGLI

Recent Trends in Violence-Related Behaviors Among High School Students in the United States 440
 N. D. BRENER, T. R. SIMON, E. G. KRUG, R. LOWRY

The Medical Costs of Gunshot Injuries in the United States 447
 P. J. COOK, B. A. LAWRENCE, J. LUDWIG, T. R. MILLER

Prenatal Exposure to Wartime Famine and Development of Antisocial Personality Disorder in Early Adulthood 455
 R. NEUGEBAUER, H. W. HOEK, E. SUSSER

Underascertainment of Child Abuse Mortality in the United States 463
 M. E. HERMAN-GIDDENS, G. BROWN, S. VERBIEST, P. J. CARLSON, E. G. HOOTEN, E. HOWELL, J. D. BUTTS

Screening and Intervention for Intimate Partner Abuse: Practices and Attitudes of Primary Care Physicians 468
 M. A. RODRIGUEZ, H. M. BAUER, E. MCLOUGHLIN, K. GRUMBACH

COMMENTARY

The Future of Firearm Violence Prevention: Building on Success 475
 G. J. WINTEMUTE

EDITORIALS

War and Health: From Solferino to Kosovo—The Evolving Role of Physicians 479
 V. IACOPINO, R. J. WALDMAN

What Can We Do About Violence? 481
 T. B. COLE, A. FLANAGIN

Hiroshima 2000: A Call for Papers 483
 T. B. COLE, A. FLANAGIN

(TABLE OF CONTENTS CONTINUED ON PAGE 405.) 403

©1999 American Medical Association. All rights reserved.

JAMA

Humanities

THE COVER 409

Salome With the Head of St John the Baptist

M. T. SOUTHGATE

A PIECE OF MY MIND 410

A Case of Mutual Distrust

P. K. KAMAU

POETRY AND MEDICINE 410 b

The Graveyard Shift

M. J. STRAUS

JAMA 100 YEARS AGO 410 m

The Death-Dealing Long-Tube Nursing-Bottle

Reader Service

This Week in JAMA 407

Masthead 408

The Key and Critical Objectives of JAMA 410 a

Abstracts 410 n

Archives Journals Abstracts 410 y

Correction 431

Obituary Listing 496 b

Continuing Medical Education

JAMA Reader's Choice 497

Classified Advertising and Announcements 498 d

Index of Advertisers 499

Subscription, Business, and Contact Information 499

Reference Directories

Meetings in the United States and International Meetings July 21, 1999

Organizations of Medical Interest and State Medical Associations and Examinations and Licensure July 28, 1999

JAMA Instructions for Authors

JULY 7, 1999

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.

LETTER FROM TURKEY

Virginity Examinations in Turkey: Role of Forensic Physicians in Controlling Female Sexuality 485
M. W. FRANK, H. M. BAUER, N. ARICAN, S. K. FINCANCI, V. IACOPINO

BOOKS, JOURNALS, NEW MEDIA 491

Gangrene and Glory: Medical Care During the American Civil War (Freemon)

REVIEWED BY W. G. ABEL

Primary Care: Balancing Health Needs, Services, and Technology (Starfield)

REVIEWED BY R. A. ROSENBLATT

Medicine in the English Middle Ages (Getz)

REVIEWED BY J. MUENDEL

Genetic Disorders and the Fetus: Diagnosis, Prevention, and Treatment (Milunsky, ed)

REVIEWED BY J. F. WATCHKO

Inner Hunger: A Young Woman's Struggle Through Anorexia and Bulimia (Apostolides)

REVIEWED BY T. J. SOUNDY

Sedation Simulator (CD-ROM) (Schwid, O'Donnell)

REVIEWED BY T. L. STERNBERG

Books, Journals, New Media Received

RESIDENT PHYSICIAN FORUM

Residency Requirements Concerning Grievances and Educational Experiences 496 a
D. BEALL

JAMA PATIENT PAGE

Child Abuse 500

News and Analysis

MEDICAL NEWS & PERSPECTIVES 413

Advice for Aspiring Volunteer Physicians

Physician Service Opportunities Abroad

Fixing Femurs in a Rain Forest: An Orthopedic Surgeon Visits Peru

Volunteers Help Kosovar Refugees in Camps

Addressing Mental Health Needs of Balkan Refugees

FROM THE SURGEON GENERAL 424

The Framework Convention on Tobacco Control: A Report From the 52nd World Health Assembly

JAMA

EDITORIAL STAFF

INTERIM COEDITORS

Richard M. Glass, MD

Phil B. Fontanarosa, MD

Deputy Editor (West): Drummond Rennie, MD

Deputy Editor: Margaret A. Winker, MD

Senior Contributing Editor: M. Therese Southgate, MD

Managing Senior Editor: Annette Flanagan

Contributing Editors: Charles B. Clayman, MD, Helene M. Cole, MD, Thomas B. Cole, MD, MPH, David S. Cooper, MD, Thomas C. Jefferson, MD, David H. Mark, MD, MPH, Harriet S. Meyer, MD, Carin M. Olson, MD, Ronna Henry Siegel, 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: Stephen Lurie, MD, PhD

Medical News & Perspectives: Marsha F. Goldsmith (editor); Charles Marwick, Mary Jane Friedrich, Mike Mitka, Joan Stephenson, PhD (associate editors); Rebecca Voelker (contributing editor)

Assistant Editor: Juliana M. Walker

Staff Assistant: Helga Fritz

Electronic Media: Marty Suter (interim director); Deborah Flapan, Neal Shankman, Wendi Williams (assistant editors); Brande Martin (Web copy editor); Marla A. Hall (staff assistant)

msJAMA: Jonathan H. Lin, PhD, Sue Sun Yom (editors)

Medical Illustrator: Jill Ghormley

Editorial Systems and Administration: Elaine Williams (director); Lenette Gardner-Gullens (electronic input supervisor); Celina Canchola (electronic input specialist)

Editorial Assistants: Linda Baker, Patricia Joworski, Gale Saulsberry (group supervisors); Kemberly Evans (letters coordinator); Mary Cannon, Susan Collister, Audrey Forman, Shirley Gogins, Gwenn Gregg, Lisa Hardin, Carmina Landeros, Mary Ann Lilly, Ethel Pinkston, Jennifer Reiling, Raul Serrato, Nadine Siewnarine, Gloria Tate

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, Marie Reinke, Beverly Stewart

PUBLISHING AND BUSINESS STAFF

VICE PRESIDENT, PUBLISHING

Robert L. Kennett

PUBLISHER

Peter J. Murphy

Production and Distribution Division: Vanessa Hayden (director), Diane Darnell (publishing manufacturing analyst), Bonnie Van Clevon (manager, budgets and costs), Karen Adams-Taylor (director, advertising and production), Linda Knott (director, electronic production), Paul Gasielki (manager, distribution), Debbie Camp, Betty Frigerio (production services supervisors), Terri Hanley (production specialist)

Managers: Phil Arko (composition), Mary Ellen Johnston (database and new media), Teresa Omiotek (proofreading), Carole Piszker (advertising), Susan Price (print production), Charl Richey (color and graphics)

Proofreaders: David Antos, Daniel James, Rachel Novickas, Mary Kay Tinerella, Barbara Wojtowicz

Production Associates and Specialists: Joseph Amft, Gail Barrett, Paul Boscoe, Joel Brammeier, Karen Branham, Regina Brownlee, Victoria Buckner, Noel Chaparro, Brenda Chandler-Grayer, Heather Crego, La'son J. Diggs, Mary Anne Donley, Karl Elvin, Shannon Epplett, Amy Evers, Kathy Gaydar, Mari Guizzetti, Maria Kowalkowski, Mary Ann Kuranda, Sandra Lopez, Anne McBride, Chris Meyer, Melanie Parenti, Sarah Powell, Beth A. Rillema, Michelle Robinson, Angela Smits, Denise Steinhauer, Jo Anne Turner, JoAnne Weiskopf, Amelia Zamudio

Production Assistants: Bryan Irzyk, Ruth Sprague

Circulation and Content Marketing Staff:

James A. Skowrenski (director)

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

Circulation Development: Bina Oza (director); Robert Herling, Audrey Mathies, Timothy Ryan (managers); Sandra Garzon, Michael McGraw (specialists)

Licensing and Permissions: Norman Frankel (director); Rhonda Bailey (permissions)

Advertising Sales Staff:

Stuart H. Williams (director)

Eastern: Susan J. Carroll, 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 (representative); 515 N State St, Chicago, IL 60610, (312) 464-2456

Marketing Services Manager: Kathleen Hiltz

AMA CHIEF EXECUTIVES, OFFICERS, AND TRUSTEES

AMA EXECUTIVE STAFF

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

Chief Operating Officer: Lynn E. Jensen, PhD

Senior Vice President, Publishing and Business Services: Paul J. Blackney

AMA OFFICERS AND TRUSTEES

President: Thomas R. Reardon, MD*

President-Elect: Randolph D. Smoak, Jr, MD*

Immediate Past President: Nancy W. Dickey, MD*

Secretary-Treasurer: Yank D. Coble, MD*

Speaker, House of Delegates: Richard F. Corlin, MD

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

Trustees: Herman I. Abromowitz, MD; Susan Hershberg Adelman, MD; Duane M. Cady, MD; Yank D. Coble, MD*; Timothy T. Flaherty, MD* (Vice Chair); J. Edward Hill, MD; Matthew D. Kagan (Student); D. Ted Lewers, MD* (Chair); William H. Mahood, MD; John C. Nelson, MD*; Donald J. Palmisano, MD*; William G. Plested, MD; Liana Puscas, MD (Resident); Joseph A. Riggs, MD; Bruce A. Scott, MD

*Executive Committee

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

Iain Chalmers, MBBS, MSc
UK Cochrane Centre
Oxford, United Kingdom

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

Catherine D. DeAngelis, MD
Johns Hopkins University
School of Medicine, Baltimore, Md

Lois DeBakey, PhD
Baylor College of Medicine
Houston, Tex

Ronald G. Evens, MD
Washington University School of Medicine
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

Wayne F. Larrabee, Jr, MD
University of Washington
Seattle, Wash

Hervé Maisonneuve, MD
Agence Nationale d'Accreditation et
d'Evaluation en Santé, Paris, France

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

Reed E. Pyeritz, MD, PhD
MCP Hahnemann University
Pittsburgh, Pa

Uwe E. Reinhardt, PhD
Princeton University, Princeton, NJ

Povl Riis, MD, DSCI, DHC
Professor of Medicine
Copenhagen, Denmark

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

Renée Solomon, MD
Mount Sinai—NYU Medical Center
New York, NY

Masaaki Terada, MD
National Cancer Center
Tokyo, Japan

INTERNATIONAL ADVISORY COMMITTEE

Bassel Atallah, MD, JAMA—Middle East
Mauro Bologna, MD, JAMA—Italy
Romuald Debski, MD, PhD, JAMA—Poland
Carlos R. Gherardi, MD, JAMA—Argentina
Carla Gikovate, MD, JAMA—Brazil
Yuichiro Goto, MD, JAMA—Japan
Evin Kantemir, MD, JAMA—Turkey
A. J. Khan, SI, FRCP, JAMA—Pakistan
Jin-Pok Kim, MD, JAMA—Korea
C. R. Kumana, MBBS, JAMA—Southeast Asia
Li Chengyi, MD, JAMA—China
Alexandra Livaditou, MD, JAMA—Greece
Ivan Vidmar, MD, JAMA—Slovenia
Miquel Vilardell-Tarres, MD, JAMA—Spain
Jiří Widimský, MUDr, DrSc, JAMA—Czech/Slovak
Alexei Yurenev, MD, JAMA—Russia