

JAMA

The Journal of the American Medical Association



Esther Heins (1908-), *Rosa arnoldiana*, 1978, American.

December 25, 2002

ORIGINAL CONTRIBUTIONS

Dual-Chamber Pacing or Ventricular Backup Pacing in Patients With an Implantable Defibrillator: The Dual Chamber and VVI Implantable Defibrillator (DAVID) Trial 3115

THE DAVID TRIAL INVESTIGATORS

Benefit of an Early Invasive Management Strategy in Women With Acute Coronary Syndromes 3124

R. GLASER, H. C. HERRMANN, S. A. MURPHY, L. A. DEMOPOULOS, P. M. DiBATTISTE, C. P. CANNON, E. BRAUNWALD

Fish Consumption and Risk of Stroke in Men 3130

K. HE, E. B. RIMM, A. MERCHANT, B. A. ROSNER, M. J. STAMPFER, W. C. WILLETT, A. ASCHERIO

REVIEW

Recent Trends in Disability and Functioning Among Older Adults in the United States: A Systematic Review 3137

V. A. FREEDMAN, L. G. MARTIN, R. F. SCHOENI

SPECIAL COMMUNICATION

Reasonable Accommodations for Medical Faculty With Disabilities 3147

A. G. STEINBERG, L. I. IEZZONI, A. CONILL, M. STINEMAN

EDITORIALS

Pathophysiology of Physiologic Cardiac Pacing: Advantages of Leaving Well Enough Alone 3159

D. A. KASS

Acute Coronary Syndromes: Does Sex Matter? 3161

J. S. HOCHMAN, J. E. TAMIS-HOLLAND

Reducing Disability in Older Age 3164

J. F. FRIES

Authorship for Research Groups 3166

A. FLANAGIN, P. B. FONTANAROSA, C. D. DEANGELIS

CLINICIAN'S CORNER

CONTEMPO UPDATES: LINKING EVIDENCE AND EXPERIENCE

Current Controversies in Vaccination: Vaccine Safety 3155

Y. A. MALDONADO

Letters

Effectiveness of Over-the-Counter Nicotine Replacement Therapy 3108

M. FRANZON, G. GUSTAVSSON, B. H. KORBERLY, D. O. ANTONUCCIO, J. M. CADORE, L. F. STEAD, R. M. DAVIS, M. C. FIORE, D. K. HATSUKAMI, M. RAW, R. WEST, J. P. PIERCE, E. A. GILPIN

Risk of Hemolytic Uremic Syndrome From Antibiotic Treatment of *Escherichia coli* O157:H7 Colitis

C. J. GILL, D. H. HAMER, J. LAU, C. S. WONG, J. R. BRANDT, P. I. TARR, S. L. WATKINS, M. A. NEILL, D. G. MAKI, N. SAFDAR

119 Years of CONTINUOUS PUBLICATION

EDITOR
Catherine D. DeAngelis, MD, MPH

www.jama.com

(Reprinted) (TABLE OF CONTENTS CONTINUED ON PAGE 3075.) **3073**

©2002 American Medical Association. All rights reserved.

JAMA

Humanities

THE COVER 3082

Rosa arnoldiana

J. LEET

POETRY AND MEDICINE 3083

The Wine of Generations

B. A. ST. ANDREWS

A PIECE OF MY MIND 3084

Not Guilty

D. S. MORROW

JAMA 100 YEARS AGO 3218

Obstetrics and the General Practitioner
Management During Labor

Reader Service

This Week in JAMA 3077

Masthead 3078

Abstracts 3086

Archives Journals Abstracts 3092

Physician Marketplace 3219

Index of Advertisers 3229

Reference Directories

Meetings, Organizations of Medical Interest and State Medical Associations, and Examinations and Licensure are available at <http://pubs.ama-assn.org/meetings.html>.

JAMA Instructions for Authors

July 3, 2002

JAMA Key and Critical Objectives

September 11, 2002

Contact Information 3229

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

BOOKS, JOURNALS, NEW MEDIA 3169

Interpreting the Medical Literature (Gehlbach)

REVIEWED BY S. SATYA-MURTI

Making Sense of Life: Explaining Biological Development With Models, Metaphors, and Machines (Keller)

REVIEWED BY P. E. GRIFFITHS

What's Wrong With Addiction? (Keane)

REVIEWED BY B. LISKOW

Physician and Philosopher: The Philosophical Foundation of Medicine: Essays by Dr. Edmund Pellegrino (Bulger, McGovern, eds)

REVIEWED BY G. TROTTER

Books, Journals, New Media Received

INDEX TO VOLUME 288 3174

JAMA PATIENT PAGE

Heart Disease and Women 3230

News and Analysis

MEDICAL NEWS & PERSPECTIVES 3095

Snakevine Leads Scientists on Sinuous Drug Trail

Addiction Treatment Strives for Legitimacy

Miscellanea Medica

FROM THE WORLD HEALTH ORGANIZATION 3102

Essential Medicines: 25 Years of Better Health

FROM THE CENTERS FOR DISEASE CONTROL AND PREVENTION 3103

Prevalence of Self-Reported Arthritis or Chronic Joint Symptoms Among Adults—United States, 2001

Enterovirus Surveillance—United States, 2000-2001

Human Rabies—Tennessee, 2002

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.

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 Flanagin

Senior Editors: Stephen J. Lurie, MD, PhD, Ronna Henry Siegel, MD

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, Jeanette M. Smith, MD, Janet M. Torpy, 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: Sarah Pressman Lovinger, 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: Jane van Dis, Stuart P. Weisberg (editors)

Assistant to the Editor: Helga Fritz

Administrative Assistant: Nadine Siewnarine

Medical Illustrator: Cassio Lynn

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, Carmina Conley, Dawn Cortez, Audrey Forman, Shirley Gogins, Glenn Gregg, Lisa Hardin, 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); Jennifer L. Reddy, Phil Sefton, Heather A. Shebel

JAMA/Archives Media Relations: Jann Ingmire (director); Jim Michalski, Sharon Parnet

PUBLISHING AND BUSINESS STAFF

Group Publisher: Nawin Gupta, PhD

Publishing Operations Division:

Division Director: Vanessa Hayden

Directors: Karen Adams-Taylor, Paul Gasielki

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

Production Associates and Specialists:

Advertising and Production Services: LaWanda Brown, Susan Chiara, Mary Anne Donley, Euwanaha Joiner-Smith, Brian McCartney, Noemi Olmo, Sarah Powell, Denise Steinhauser, Ellen Yoshihara

Composition: Rebecca Aiken, Brenda Chandler-Grayer, Amy Evers, 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, Fred Furtner, Carolyn Hall, Maria Kowalkowski, Chris Meyer, JoAnne Weiskopf

Proofreading: Carol Joy Farrell, Daniel James, Judith A. Literskis, Teresa H. Omiotek, Barbara Wojtowicz, Agnes A. Zarkadas

Director, Circulation and Classified Advertising: Curt Reilly

Circulation Processing: Alfred Tomaselli (manager); Larry Majkszak (circulation system administrator)

Circulation Development: Vida Damijonaitis, 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-subs@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: Yank D. Coble, Jr, MD

President-Elect: Donald J. Palmisano, MD, JD

Immediate Past President: Richard F. Corlin, MD

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

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

Trustees: J. Edward Hill, MD (chair); William G. Pledsted III, MD (chair-elect); Herman I. Abramowitz, MD; John H. Armstrong, MD (young physician); Duane M. Cady, MD; Peter W. Carmel, MD; Ronald M. Davis, MD; Timothy T. Flaherty, MD;

Joseph M. Heyman, MD; Robert R. McMillan, MD (public board member); John C. Nelson, MD;

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

David A. Rosman (student); Peter Y. Watson, MD (resident); Cecil B. Wilson, MD

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

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
Stanford University Medical Center
Stanford, Calif

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—San Francisco,
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

Guillermo RuizVelasco y A, MD, JAMA—Mexico

Ivan Vidmar, MD, JAMA—Slovenia

Jiří Widimský, MUDr, DrSc, JAMA—Czech/Slovak