

Editor: George D. Lundberg, MD
Deputy Editor: M. Therese Southgate, MD
Senior Editors: John D. Archer, MD, Helene M. Cole, MD, Bruce B. Dan, MD
Senior Contributing Editor: Drummond Rennie, MD
Contributing Editors: John P. Callan, MD, Charles B. Clayman, MD, Lester S. King, MD, Harriet S. Meyer, MD, Carlotta M. Rinke, MD
Statistical Editor: Naomi Vaisrub, PhD
Morris Fishbein Fellow: Don Riesenber, MD
Medical News—Editor: Phil Gunby; **Associate Editors:** Kimberly Glasbrenner, Marsha F. Goldsmith, Charles Marwick (Washington, DC), Beverly Merz, Terra Ziporyn
Associate Editor: Roxanne K. Young
Assistant Editors: Charlene Breedlove, Elizabeth Knoll
Manager: Martha Carney
Production Manager: Marlene M. Hinsch
Assistant Production Manager: John R. Sayban
Editorial Processing Manager: Cheryl Iverson
Assistant Editorial Processing Manager: Paula Giltman
Permissions and Graphic Design: Dennis J. Shipley
Manuscript Records: Ethel Pinkston
Production Supervisors: Lori A. Barba (Copy Editing), Thomas J. Handrigan (Illustrations), Elizabeth Petrikenas (Proofreading), John R. Sayban (Advertising), Jo Anne Weiskopf (Layout), Blake Winter (Editorial)
Copy Editing: Vicky Golden (Free-lance Coordinator), Toni Brandeis, Elaine Masciale, James Zrimsek
Proofreading: Patricia Coyne, Lisette Sabbach, Barbara Wojtowicz
Letters: Sharon Iverson (Editorial Coordinator)
Senior Production Assistants: Karen Branham, Diane Darnell, Debra Lucas, Terese Noto, Susan Price, Zack Price, Ellen Yoshihara
Production Assistant: Darlene E. Filipis
Illustrations and Layout: Jerri Hall-Gortowski, Donna Hagler, Mary Planek, Janice Techter, Sandra Williams
Cover Editor: M. Therese Southgate, MD
Editorial Coordinator: Cathy Watkins
Administrative Secretary: Cassandra Johnson
Editorial Assistants: Mary Cannon, Roberta Larson, Mary Ann Lilly, Rosemary Navarro, Annette Nunnally, Sheri Raynard, Lucille Souci
Indexing: Norman Frankel (Supervisor), Mary Kay Tinerella, Pam Wood

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, THE JOURNAL of the American Medical Association (ISSN 0098-7484), is published four issues per month by the American Medical Association, 535 N Dearborn St, Chicago, IL 60610. Phone (312) 645-5000. Cable address "Medic" Chicago.

SUBSCRIPTION RATES—The subscription rate per year for members of the AMA is \$2 included in the annual membership dues. The subscription rate per year for nonmembers is \$52 for one year, \$90 for two years in the United States and US possessions; in all other countries, one year, \$68; two years, \$110 (add \$30 surcharge to each one-year subscription and \$60 surcharge to each two-year subscription for air delivery to the United Kingdom and Europe only). Rates to medical students and residents, \$26 for one year, \$45 for two years in the United States and US possessions. Rates for subscriptions for delivery to Bangladesh, India, Japan, Nepal, South Korea, and Sri Lanka are available through respective exclusive agents. Address all subscription communications to American Medical Association, Circulation and Fulfillment Division, 535 N Dearborn St, Chicago, IL 60610. Phone: (312) 280-7154.

CHANGE OF ADDRESS—POSTMASTER, send all address changes to Caryl L. Wertheimer, Director of Fulfillment, 535 N Dearborn St, Chicago, IL 60610. Notification of address change must be made at least six weeks in advance; include both old and new addresses, a recent mailing label, and your new zip code.

Second-class postage paid at Chicago and additional mailing office.

JAMA® Registered in the US Patent and Trademark Office.

Copyright © 1985 by the American Medical Association



THE COVER

Utagawa Hiroshige, *The Iris Garden at Horikiri* 765
 C. A. Roath, Jr, MD, Arcadia, Calif

MEDICAL NEWS 721

Homicide, Suicide, Other Violence Gain Increasing Medical Attention . . . Other Groups Also Studying Causes, Effects of Violence
From the FDA: Data Sought on Artificial Heart Complications

LEADS FROM THE MMWR 735

INSTRUCTIONS FOR AUTHORS 742

AMA INSIGHTS 745

LETTERS 751

First Case of AIDS in Hong Kong A. Y. T. Chan, FRCS, FRACS, W. D. Ng, FRCS, FRACS, Hong Kong . . . **The Incidence of AIDS** P. R. Gustafson, MD, Houston A. M. Hardy, DPH, J. R. Allen, MD, MPH, W. M. Morgan, PhD, J. W. Curran, MD, MPH, Atlanta . . . **Hepatitis and Diaphragm Fitting** L. A. Lettau, MD, MPH, W. W. Bond, MS, J. S. McDougal, MD, Atlanta . . . **The Low Risk of Hepatitis B in Rural Hospitals** W. R. Lange, MD, MPH, S. D. Kreider, MD, MPH, Baltimore, R. F. Finger, MD, MPH, J. M. Kobayashi, MD, MPH, Seattle . . . **Realities, Myths** N. Borelli, MD, Chicago, R. M. Glass, MD, Chicago . . . **Danazol in Hemophilia** R. Ambriz, MD, J. Pizzuto, MD, C. Guillen, MD, Mexico, H. S. Garewal, MD, PhD, J. J. Corrigan, Jr, MD, Tucson . . . **Capriccio in February** M. E. Steier, MD, Fort Myers, Fla, M. T. Southgate, MD, Chicago . . . **Double-blind as a BHAT** D. H. Spodick, MD, DSc, Worcester, Mass, R. P. Byington, PhD, Houston . . . **Ocular Effects of Gravity Inversion** A. A. Sadun, MD, PhD, Los Angeles, P. S. O'Connor, MD, R. H. Poirier, MD, San Antonio, Tex, T. R. Friberg, MD, Dallas, R. N. Weinreb, MD, San Diego . . . **Good Ole Boys on Target With Cost-effective Spittoons** D. Lisse, MD, W. S. Miller, MD, R. F. Webb, MD, Charles Town, WVa

REFERENCE DIRECTORY

AMA Officials 759

US Meetings, Aug 2; Foreign Meetings, April 12; Organizations of Medical Interest, July 26; State Associations and Exams and Licensure, July 19

ORIGINAL CONTRIBUTIONS

Probable Efficacy of High-Dose Salicylates in Reducing Coronary Involvement in Kawasaki Disease 767
 G. Koren, MD; V. Rose, MD; S. Lavi, MD; R. Rowe, MD, Toronto

Infection With HTLV-III/LAV and Transfusion-Associated Acquired Immunodeficiency Syndrome 770
 H. W. Jaffe, MD, Atlanta; M. G. Sarngadharan, PhD; A. L. DeVico; L. Bruch, Kensington, Md; J. P. Getchell, DrPH; V. S. Kalyanaraman, PhD; H. W. Haverkos, MD; R. L. Stoneburner, MD, Atlanta; R. C. Gallo, MD, Bethesda, Md; J. W. Curran, MD, Atlanta

Revisiting the Holy Cross Football Team Hepatitis Outbreak (1969) by Serological Analysis 774
 L. S. Friedman, MD, T. F. O'Brien, MD, Boston; L. J. Morse, MD, Worcester, Mass; L. W. Chang, MD; W. E. C. Wacker, MD; D. M. Ryan; J. L. Dienstag, MD, Boston

CLINICAL INVESTIGATION

An In Vivo Assessment of Factor VIII Concentrates 777
 G. Rock, MD, PhD; P. Tittley, LCSLT; V. Fuller, RT, Ottawa

SPECIAL COMMUNICATION

Correlates of Midlife Career Achievement Among Women Physicians 781
 P. L. Graves, PhD, C. B. Thomas, MD, Baltimore

TOWARD OPTIMAL LABORATORY USE

Laboratory Detection of Marijuana Use 788
 R. H. Schwartz, MD, Washington, DC, R. L. Hawks, PhD, Rockville, Md

CLINICAL CARDIOLOGY

Mitral Valve Prolapse 793
 R. M. Jeresaty, Hartford, Conn

COUNCIL REPORT

AMA Diagnostic and Treatment Guidelines Concerning Child Abuse and Neglect 796
 Council on Scientific Affairs, Chicago

EDITORIALS

Kawasaki Syndrome: Still a Mystery After 20 Years 801
 D. M. Bell, MD, Memphis

Factor VIII Concentrates: Matching What You See With What You Get 802
 J. M. Lusher, MD, Detroit

Helping the Abused Child 803
 D. A. Sargent, MD, JD, Chicago

A PIECE OF MY MIND

Modigliani, Italian Painter in France 805
 C. S. Roberts, Atlanta

Psych Ward 805
 P. A. Ver Ellen, Seattle

Grandma 805
 M. Schecter, New Haven, Conn

PHOTO/ESSAY

Hyperkeratosis in Flegel's Disease 810
 V. Burmeister, R. Swaminathan, MD, DD, FAAD, Peoria, Ill

INTERNATIONAL ABSTRACTS 815

QUESTIONS AND ANSWERS 825

Sulfite Sensitivity J. L. Brown, MD, Port Chester, NY . . . **Decaffeination of Coffee** D. H. Morris, PhD, RD, Chicago . . . **Hemorrhagic Cystitis and Conjugated Estrogen Therapy** E. C. Hill, MD, San Francisco, C. M. Kunin, MD, Columbus, Ohio . . . **Activity Guidelines After Total Hip Replacement** L. J. Anderson, MD, Sherman Oaks, Calif

BOOKS 833

Medical Malpractice (Robertson) Reviewed by M. J. Gullickson, MD, JD, Napa, Calif . . . **Nutrition and Cancer** (Shamberger) Reviewed by R. B. McGandy, MD, Boston . . . **Heart Transplantation** (Cooper, Lanza, eds) Reviewed by R. B. Karp, MD, Chicago . . . **The Pericardium in Health and Disease** (Fowler) Reviewed by E. W. Hancock, MD, Palo Alto, Calif . . . **Dermatology** (Moschella, Hurley) Reviewed by E. D. Shelley, MD, Toledo . . . **The Medical Industrial Complex** (Wohl) Reviewed by W. Golden, MD, Little Rock, Ark . . . **Matters of Life and Death** (Robin) Reviewed by R. W. Evans, PhD, Seattle . . . **Books Received**

OBITUARIES 846

CLASSIFIED ADVERTISING 856

CME Corner 868

INDEX TO ADVERTISERS 868

AMA Officers

President: Harrison L. Rogers, Jr, MD*; President-Elect: John J. Coury, Jr, MD*; Immediate Past President: Joseph F. Boyle, MD; Secretary-Treasurer: George L. Collins, Jr, MD*; Speaker, House of Delegates: James E. Davis, MD; Vice-Speaker, House of Delegates: John L. Clowe, MD

AMA Trustees

David J. Brailer (student); Lonnie R. Bristow, MD; Rufus K. Broadway, MD; George L. Collins, Jr* (Secretary); Ronald M. Davis, MD (resident); John H. Dawson, MD; William S. Hotchkiss, MD* (Chairman); Robert E. McAfee, MD; Alan R. Nelson, MD* (Vice-Chairman); Joseph T. Painter, MD*; John J. Ring, MD*; Raymond Scalettar, MD; Jerald R. Schenken, MD; John Tupper, MD
 *Executive Committee

EDITORIAL BOARD

- Kenneth A. Arndt, MD
Boston
- Byron J. Bailey, MD
Galveston, Tex
- Arthur E. Baue, MD
St Louis, Mo
- Donald J. Dalessio, MD
La Jolla, Calif
- Cecilia M. Fenoglio, MD
Albuquerque
- William H. Foege, MD
Atlanta
- Renee C. Fox, PhD
Philadelphia
- Daniel X. Freedman, MD
Los Angeles
- Vincent A. Fulginiti, MD
Tucson
- Morton F. Goldberg, MD
Chicago
- Marilyn Heins, MD
Tucson
- Edward C. Hill, MD
San Francisco
- James F. Holland, MD
New York
- King K. Holmes, MD, PhD
Seattle
- Harold G. Jacobson, MD
Bronx, NY
- Robert J. Joynt, MD
Rochester, NY
- Carol Kasper, MD
Los Angeles
- Richard L. Landau, MD
Chicago
- Daniel J. McCarty, MD
Milwaukee
- William W. McLendon, MD
Chapel Hill, NC
- Arno G. Motulsky, MD
Seattle
- Robert E. Rakel, MD
Houston
- Domeena C. Renshaw, MD
Chicago
- Martha M. Sarasua, MD, PhD
Charleston, SC
- Alfred Soffer, MD
Park Ridge, Ill
- Robert M. Veatch, PhD
Washington, DC

Executive Vice-President: James H. Sammons, MD
 Senior Deputy Executive Vice-President: James S. Todd, MD

Deputy Executive Vice-President, Corporate, Publishing and Management Services: Richard A. Noffke

Vice-President, Scientific Information: George D. Lundberg, MD

Vice-President, Publishing: John T. Baker
 Director, Publication Production and Printing Division: Norman D. Richey

General Sales Manager; Director, Advertising Sales and Promotion Services Division: D. Joseph Dennehy

Director, Circulation-Fulfillment Division: Lee A. Parent

Director, Promotion and Western Sales: Thomas J. Carroll

Director, Advertising Services: Raymond Christian

ADVERTISING OFFICES: Eastern: 600 Third Ave, Suite 700, New York, NY 10016 (Manager: Robert C. Corcoran [212-867-6640]; Representatives: Bill Tice, Cliff Vanderhoof); Midwest/Farwest: 535 N Dearborn St, Chicago, IL 60610 (Manager: Thomas J. Carroll [312-280-7182]; Representative: Daniel T. Mjölness); Classified Advertising: Delores Boudentt (312-280-7190)

ADVERTISING PRINCIPLES—Advertisements in this issue have been reviewed to comply with the principles governing advertising in AMA publications. A copy of these principles is available on request. The appearance of advertising in AMA publications is not an AMA guarantee or endorsement of the product or the claims made for the product by the manufacturer.