

Archives of Neurology

Chief Editor

Maurice W. Van Allen, MD
Department of Neurology
University Hospital, University of Iowa
College of Medicine, Iowa City, IA 52242

Assistant Editor

Antonio Damasio, MD, Iowa City

Associate Editors

Robert J. Joynt, MD, Rochester, NY

Melvin D. Yahr, MD, New York

EDITORIAL BOARD

Robert H. Ackerman, MD, Boston

Arthur L. Benton, PhD, Iowa City

Patrick F. Bray, MD, Salt Lake City

Thomas N. Chase, MD, Bethesda

David Drachman, MD, Worcester, Mass

W. King Engel, MD, Bethesda

Gerald M. Fenichel, MD, Nashville

Norman Geschwind, MD, Boston

William F. Hoyt, MD, San Francisco

Simon Horenstein, MD, St Louis

Kenneth P. Johnson, MD, San Francisco

John Mullan, MD, Chicago

Edward P. Richardson, Jr, MD, Boston

Bennett M. Stein, MD, Boston

Richard D. Walter, MD, Los Angeles

Jack P. Whelan, MD, Rochester, Minn

James H. Sammons, MD, Executive Vice-President

William R. Barclay, MD, Group Vice-President, Scientific Publications

John T. Baker, Vice-President, Publishing

Norman D. Richey, Director, Publication Production and Printing Division

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

Helen R. Mazur, Director, Circulation-Fulfillment

SUBSCRIPTION RATES: The rates for the ARCHIVES OF NEUROLOGY are as follows: for members of the AMA, \$1.50, included in the annual membership dues; for non-members, \$24 for one year, \$40 for two years in the United States and US Possessions; all other countries, one year, \$34; two years, \$60. Special yearly price to residents, interns and medical students in the United States and US Possessions, one year, \$12; two years, \$20. Address all subscription orders to American Medical Association, Circulation-Fulfillment Department, 535 N Dearborn St, Chicago, IL 60610. Phone: 312, 751-6079.

CHANGE OF ADDRESS: POSTMASTER: send address changes to Helen R. Mazur, Director, Circulation-Fulfillment. Notification of address change should be made at least six weeks in advance, including both old and new addresses, and a mailing label taken from the most recent copy. Include your new zip code number.

The ARCHIVES OF NEUROLOGY (ISSN 0003-9942) is published monthly by the American Medical Association, 535 N Dearborn St, Chicago, IL 60610, and is an official publication of the Association. Second-class postage paid at Chicago and at additional mailing office.

ORIGINAL CONTRIBUTIONS

Anastomoses of Transverse Tubules With Terminal Cisternae in Polymyositis
Samuel M. Chou, MD, PhD; Ikuya Nonaka, MD; Gerald F. Voice, Morgantown, WV257

Sensory-Specific and Fractional Disorders of Recent Memory in Man
Elliott D. Ross, MD, Dallas267

Echocardiographic Evaluation of Cardiac Abnormalities in Duchenne's Dystrophy and Myotonic Muscular Dystrophy
William C. Reeves, MD; Robert Griggs, MD; Navin C. Nanda, MD; Kenneth Thomson, MD; Raymond Gramiak, MD, Rochester, NY273

Unilateral Gunshot Wound of the Pons
François Boller, MD, Gary P. Jacobson, PhD, Cleveland278

Late EEG Findings and Clinical Status After Organic Mercury Poisoning
Richard P. Brenner, MD, Russell D. Snyder, MD, Albuquerque, NM282

Familial Trigeminal Neuralgia
Louis Herzberg, LLB, MB, MRCP, FRACP, Nedlands, Western Australia285

Alumina Cream-Induced Focal Motor Epilepsy in Cats
Alfredo Fera-Velasco, MD, MS; Norma Olivares, Chem; Fernando Rivas, MD; Marcos Velasco, MD; Francisco Velasco, MD, Guadalajara, Mexico287

Evoked Parietal Spikes and Childhood Epilepsy
Pasquale De Marco, MD, Trento, Italy291

Slow Tremor and Delayed Brainstem Auditory Evoked Responses in Alcoholics
Helge J. Rosenhamer, MD, Boris P. Silfverskiöld, MD, Stockholm293

CHILD NEUROLOGY

Juvenile Muscular Atrophy Localized to Arms
Naunihal Singh, MD; Kuldip K. Sachdev, MD, FRCP(C); A. K. Susheela, PhD, New Delhi297

Human Cerebellar Hypoplasia
Harvey B. Sarnat, MD, Little Rock, Ark, Hilda Alcalá, MD, Mexico City300

BRIEF COMMUNICATIONS AND CLINICAL NOTES

Cranial Computerized Tomography in Childhood Leukemia
Richard G. Curlless, MD, Miami 306

Visual Evoked Potentials Elicited by Circular Grating
Alfred L. Ochs, PhD, Michael J. Aminoff, MD, San Francisco 308

Computerized Tomographic Appearance of Hypertensive Encephalopathy
*David Leonard Rail, MBBS,
 George David Perkin, BA, MB, MRCP, London* 310

Amyotrophic Lateral Sclerosis With Antecedent Poliomyelitis
*Raymond P. Roos, MD, Chicago; Michael V. Viola, MD, Framington, Conn;
 Robert Wollmann, MD, PhD, Chicago; Milford H. Hatch, ScD, Atlanta;
 Jack P. Antel, MD, Chicago* 312

**Multiple Sclerosis Associated With Eosinophilic Vasculitis, Pericarditis,
 and Hypocomplementemia**
Kongsak Tanphaichitr, MD, FRCP(C), St Louis 314

Multiple Neurologic Paraneoplastic Syndromes
Thomas J. Zweifel, DO, James W. Albers, MD, PhD, Ann Arbor, Mich 315

Hypoglycorrhachia in Herpes Simplex Type 2 Meningitis
Douglas W. Brenton, MD, Great Falls, Mont 317

**Inflammation of the Temporal Artery Associated With Subacute Bacterial
 Endocarditis and Hepatitis B Antigen**
*Srini Govindan, MD; Abdul L. Itani, MD;
 Julio H. Garcia, Birmingham, Ala* 318

Epidural Spinal Cord Compression in Acute Myelogenous Leukemia
*Jerzy Hildebrand, MD; Liliane Leenaerts, MD, Yves Nubourgh, MD;
 Alain Verhest, MD; Jacqueline Flament-Durand, MD, Brussels* 319

Strawberry Pickers' Palsy
Richard L. Koller, MD, Nathan K. Blank, MD, Portland, Ore 320

Phthalazinol, Thrombocytopenia, and Amyotrophic Lateral Sclerosis
W. King Engel, MD, Benjamin Rix Brooks, MD, Bethesda, Md 320

Fatal *Mycoplasma pneumoniae* Encephalitis in an Adult
Michael E. Weinblatt, MD, Ellis S. Caplan, Baltimore 321

REGULAR DEPARTMENTS

Calendar and News 322

Letters to the Editor 325

Books 328

Instructions for Authors 12

Index to Advertisers 48

PUBLICATION STAFF

535 N Dearborn St.
 Chicago, IL 60610

Robert W. Mayo
 Executive Editor and Director,
 Scientific Publications Division

Sandra Williamson
 Administrative Assistant

Marlene M. Hinsch
 Production Manager

John R. Sayban
 Assistant Production Manager

Diana A. Stokes
 Editorial Processing Manager

Cheryl Iverson
 Assistant Editorial Processing Manager

Bonnie Van Cleven
 Reprints and Permissions

Copy Editing: Paula Glitman (Supervisor), Frederick Butzen, Marjorie Pannell, Elaine Shelton

Proofreading: Lorraine L. Kruse (Supervisor), Verna Coffman, Patricia Coyne, Joy Liljegren, Elizabeth Petrikenas, Kay Skvorc, Mary Kay Tinerella

Production Supervisors: JoAnne Weiskopf (Layout), Thomas J. Handrigan (Illustrations), Marlene M. Hinsch (Editorial), Betty Frigerio (Advertising)

Art and Senior Production Assistants: Corazon Abraham, Karen Branham, Floriana Hayes, Wanda Juul, Nancy Keyes, Shirley Latronica, Marilyn Moroney, Donna Pender, Susan Routhier

Production Assistants: E. Linda Fry, Lucille Kuznicki, Maria Saguto

Manuscript Records: Renetta Konadu

Indexing: Phyllis H. O'Donnell (Supervisor), Jane P. Mauldin, Helen F. Topel

Please address correspondence concerning accepted or published communications to: AMA Specialty Journals, 535 N Dearborn St, Chicago, IL 60610.

Robert C. Corcoran, Eastern Sales Manager; **Thomas J. Carroll**, Director, Promotion and Western Sales Department; **Raymond Christian**, Director, Advertising Services Department; **Alice Harvey**, **William J. Healy**, Midwestern Sales Representatives; **Mark Altier**, **Fred Bauman**, **Richard M. Johnson**, Eastern Sales Representatives; **James Anton**, West Coast Sales Representative

ADVERTISING OFFICES: 535 N Dearborn St, Chicago, IL 60610. Area Code 312, 751-6675; and 600 Third Ave, New York, NY 10016, Area Code 212, 867-6640.

ADVERTISING PRINCIPLES: Each advertisement in this issue has been reviewed and complies with the principles governing advertising in AMA scientific publications. A copy of these principles is available on request.