

SPECIAL ARTICLE

Anterior Ischemic Optic Neuropathy
Sohan Singh Hayreh, MD, PhD, FRCS, Iowa City 675

ORIGINAL CONTRIBUTIONS

Cerebral Asymmetry in Developmental Dyslexia
Robert H. A. Haslam, MD, FRCP(C); J. Thomas Dalby, PhD;
Robert D. Johns, MD, FRCP(C);
Alfred W. Rademaker, PhD, Calgary, Alberta 679

Medial Frontal Cortex Infarction and the Alien Hand Sign
Gary Goldberg, MD; Nathaniel H. Mayer, MD;
Joseph U. Togli, MD, Philadelphia 683

Multiple Sclerosis
Victor H. Patterson, MB, MRCP; Stoke-on-Trent, England;
David H. Foster, PhD, Staffordshire, England;
James R. Heron, MB, FRCP, Stoke-on-Trent, England;
Robert J. Mason, Staffordshire, England 687

Generalized, Bilaterally Synchronous Bursts of Slow Waves in the EEG
Neil Schaul, MD, Philadelphia; Hans Lueders, MD, PhD, Cleveland;
Kuldip Sachdev, MD, New York 690

Auditory Evoked Potentials in Bacterial Meningitis
Suresh Kotagal, MD; Cheri Rosenberg; Donna Rudd;
Lisa M. Dunkle, MD; Simon Horenstein, MD, St Louis 693

Meningeal Carcinomatosis
William H. Theodore, MD, Seymour Gendelman, MD, New York 696

EEG Operant Conditioning in Intractable Epileptics
Joel F. Lubar, PhD; Harry S. Shabsin; Stephen E. Natelson, MD;
Gary S. Holder; Stanley F. Whitsett, MA;
William E. Pamplin, MA; Don I. Krulikowski, Knoxville, Tenn 700

Cluster Headache Variant
Jose L. Medina, MD, Seymour Diamond, MD, Chicago 705

Benign Coital Cephalalgia
Mark Porter, MD, Joseph Jankovic, MD, Houston 710

Bilateral Independent Periodic Lateralized Epileptiform Discharges
Daniel de la Paz, MD, Richard P. Brenner, MD, Albuquerque, NM 713

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

Book Review Editor

Robert L. Rodnitzky, MD, Iowa City

EDITORIAL BOARD

Robert H. Ackerman, MD, Boston

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

Kenneth P. Johnson, MD, Baltimore

Jun Kimura, MD, Iowa City

John Mullan, MD, Chicago

Edward P. Richardson, Jr, MD, Boston

Bennett M. Stein, MD, New York

Richard D. Walter, MD, Los Angeles

Jack P. Whisnant, 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

Lee A. Parent, Director, Circulation-Fulfillment Division

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, \$30 for one year, \$56 for two years in the United States and US Possessions; all other countries, one year, \$40; two years, \$76. Special yearly price to residents, interns and medical students in the United States and US Possessions, one year, \$15; two years, \$28. 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 Lee A. Parent, Director, Circulation-Fulfillment Division. 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.

CHILD NEUROLOGY

Dysmaturation in Infants of Mothers With Myotonic Dystrophy
Richard S. K. Young, MD; David L. Gang, MD;
Edwin L. Zaineraitis, MD;
Kalpathy S. Krishnamoorthy, MD, Boston 716

Prolonged Course of Meningitis due to an Arachnoid Cyst
E. Steve Roach, MD, D. Wayne Laster, MD, Winston-Salem, NC 720

BRIEF COMMUNICATIONS AND CLINICAL NOTES

Hyperpathia and Sensory Level due to Parietal Lobe Arteriovenous Malformation
Anthony C. Breuer, MD, Cleveland;
Herminio Cuervo, MD, Weisbaden, Germany;
Dennis J. Selkoe, MD, Boston 722

Neurological Complications of Ethylene Glycol Intoxication
Joseph R. Berger, MD, D. Ram Ayyar, MD, Miami 724

An Unusual Case of Encephalomyeloradiculoneuropathy in a Young Woman
John S. Wendt, MD, Jack S. Burks, MD, Denver 726

Computed Tomography in Wilson's Disease
Kaynak Selekler, MD; Tulay Kansu, MD;
Turgut Zileli, MD, Ankara, Turkey 727

Late Onset of Wilson's Disease
Anna Czlonkowska, MD, DSc, Maria Rodo, MSc, Warsaw 729

A Case of Sporadic Juvenile Parkinson's Disease
Christopher G. Clough, MB, MRCP; Marina Mendoza, MD;
Melvin D. Yahr, MD, New York 730

REGULAR DEPARTMENTS

Abstracts 732

Letters to the Editor 737
Muscle Cramps After Gastrectomy Yoshiyuki Kuroiwa, MD; Tomoyuki Shimpo, MD; Tetsuo Furukawa, MD, Tokyo . . . **Involuntary Movements Associated With Methadone** Wolf-R. Palmer, MD, Günther Haferkame, MD, Hannover, West Germany . . . **Carbidopa-Levodopa Ratio in Parkinson's Disease** Wallace W. Tourtellotte, MD, PhD; Karl Syndulko, PhD; Alfred R. Potvin, PhD, Los Angeles . . . **Neuroleptics and Dystonic Movement** C. E. Morris, MD, S. J. Farrow, MD, North Chicago, Ill

Calendar and News 11

Index to Advertisers 48

Instructions for Authors See July 1981 issue, p 8

PUBLICATION STAFF

535 N Dearborn St,
 Chicago, IL 60610

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

Elaine Shelton
 Administrative Assistant

Marlene M. Hinsch
 Production Manager

John R. Sayban
 Assistant Production Manager

Cheryl Iverson
 Editorial Processing Manager

Paula Glitman
 Assistant Editorial Processing Manager

Mary Erhard
 Reprints and Permissions

Copy Editing: Nicole Netter (Supervisor), Frederick Butzen, Thomas H. Kelly, Elaine Shelton

Production Supervisors: Karen Branham (Word Processing), Betty Frigerio (Advertising), Thomas J. Handrigan (Illustrations), Marlene M. Hinsch (Editorial), Lorraine L. Kruse (Proofreading), JoAnne Weiskopf (Layout)

Proofreading: Verna Coffman, Patricia Coyne, Winifred O'Reilly, Elizabeth Petrikenas

Art and Senior Production Assistants: Mary Cunningham, Donna Hagler, Shirley Latronica, Marilyn Moroney, Terese Noto, Susan Routhier, Bonnie Van Cleven, Sandra Williams, Ellen Yoshihara

Production Assistants: Lucille Kuznicki, Debra Lucas, Sharon Summers, Brenda Wince

Manuscript Records: Renetta Konadu

Indexing: Phyllis H. O'Donnell (Supervisor), Jane P. Bouterse, Mary Kay Tinerella

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

Thomas J. Carroll
 Director, Department of Promotion

Raymond Christian
 Director, Advertising Services Department

ADVERTISING OFFICES: **New York:** 600 Third Ave, Suite 700, New York, NY 10016 (**Manager:** Robert C. Corcoran [212-867-6640]; **Representatives:** Richard M. Johnson, John L. Reeves); **Chicago:** 535 N Dearborn St, Chicago, IL 60610 (**Manager:** Thomas J. Carroll [312-751-6675]; **Representative:** Eric K. Larsen); **Newport Beach, Calif:** 1940 16th St, Suite 0-206, Newport Beach, CA 92663 (**Representative:** Anton Media Associates [714-646-9090])

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.