

ARCHIVES

OF

NEUROLOGY

VOL 52 NO. 3, MARCH 1995

Letters to the Editor

Predictive Marker for the Development of Cerebral Toxoplasmosis in Patients With Human Immunodeficiency Virus Type 1 229
Arndt Rolfs, MD, Rainer Schaub, MD

Immunosuppressive Treatment of Motor Neuron Syndromes 230
Alan Pestronk, MD

In Reply 230
Ersin Tan, MD; D. Joanne Lynn, MD;
Anthony A. Amato, MD; John T. Kissel, MD;
Kottril W. Rammohan, MD; Zarife Sahenk, MD;
John R. Warmolts, MD; Carlayne E. Jackson, MD;
Richard J. Barohn, MD; Jerry R. Mendell, MD

High Tech, Low Tech in the Era of Health Reforms 231
Labe Scheinberg, MD

Book Reviews

Physical Aspects of Stereotactic Radiotherapy 234
Robert J. White, MD, PhD

Chronic Fatigue Syndrome 234
George W. Paulson, MD

Tension-Type Headache: Classification, Mechanisms, and Treatment 235
Dewey K. Ziegler, MD

Cerebrovascular Occlusive Disease and Brain Ischemia 235

José Biller, MD

Anatomic Localization for Needle Electromyography 236
Ryuji Kaji, MD, PhD

Imaging of Head Trauma 236
Robert B. King, MD

Original Contributions

Cerebrospinal Fluid Homovanillic Acid in the DATATOP Study on Parkinson's Disease 237
Parkinson Study Group

The Risk of Stroke in Patients With First-Ever Retinal vs Hemispheric Transient Ischemic Attacks and High-grade Carotid Stenosis 246
Jonathan Y. Streifler, MD; Michael Eliasziw, PhD;
Oscar R. Benavente, MD; John W. Harbison, MD;
Vladimir C. Hachinski, MD; Henry J. M. Barnett, MD;
Denis Simard, MD; for the North American Symptomatic Carotid Endarterectomy Trial

Prediction of Long-term Outcome in the Early Hours Following Acute Ischemic Stroke 250
Marco Fiorelli, MD, PhD; Annick Alperovitch, MD;
Corrado Argentino, MD; Maria Luisa Sacchetti, MD;
Danilo Toni, MD, PhD; Giuliano Sette, MD;
Cristina Cavalletti, MD; Maria Cristina Gori, MD;
Cesare Fieschi, MD; for the Italian Acute Stroke Study Group

American Medical Association

Physicians dedicated to the health of America



Copyright 1995 by the American Medical Association. All rights reserved. Reproduction without permission is prohibited.

All articles published, including editorials, letters, and book reviews, represent the opinions of the authors and do not reflect the policy of the American Medical Association, the Editorial Board, or the institution with which the author is affiliated, unless this is clearly specified.

James S. Todd, MD
Executive Vice President
Kenneth E. Monroe
Deputy Executive Vice President
Larry E. Joyce
President, Publishing and
Multimedia Development
George D. Lundberg, MD
Editor-in-Chief, Scientific
Publications
Robert L. Kennett
Vice President, Publishing
Michael D. Springer
Publisher
Nawin Gupta, PhD
Director, Publishing Operations
Division
Cheryl Iverson
Director, Editorial Processing
Division

Peter L. Payerli
Director, Advertising Sales
Geoffrey A. Flick
Manager, Marketing Services

Advertising Offices: East: Phillip B. Altamore, Donald M. Blatherwick, John L. Reeves, 600 Third Ave, Suite 3700, New York, NY 10016 (212) 867-6640. **Diagnostics/Devices:** M. J. Mrvica Associates, 155 S White Horse Pike, Berlin, NJ 08009 (609) 768-9360. **Midwest/Far West:** John P. Cahill, 515 N State St, Chicago, IL 60610 (312) 464-2470. **AMA Physician Recruitment Advertising Department:** Carri Lynch, Supervisor, 800-262-2260.

Temporal Lobe Perfusion on Single Photon Emission Computed Tomography Predicts the Rate of Cognitive Decline in Alzheimer's Disease <i>Nicola Wolfe, PhD; Bruce R. Reed, PhD; Jamie L. Eberling, PhD; William J. Jagust, MD</i>	257	Some Specific Clinical Features Differentiate Multiple System Atrophy (Striatonigral Variety) From Parkinson's Disease <i>Carlo Colosimo, MD; Alberto Albanese, MD; Andrew J. Hughes, FRACP; Veralice M. S. de Bruin, MD; Andrew J. Lees, FRCP</i>	294
Peripherally Induced Tremor and Parkinsonism <i>Francisco Cardoso, MD; Joseph Jankovic, MD</i>	263	A Positron Emission Tomography Study of Cerebral Activation Associated With Essential and Writing Tremor <i>Adrian J. Wills, MRCP; Ieuan H. Jenkins, MRCP; Philip D. Thompson, PhD, FRACP; Leslie J. Findley, MD, FRCP; David J. Brooks, MD, FRCP</i>	299
Cerebral Microembolism in Patients With Sneddon's Syndrome <i>Matthias Sitzer, MD; Dietmar Söhnngen, MD; Mario Siebler, MD; Christof Specker, MD; Jörg Rademacher, MD; Igor Janda, MD; Albrecht Aulich, MD; Helmuth Steinmetz, MD</i>	271	Patterns of Deterioration in Senile Dementia of the Alzheimer Type <i>Edward Helmes, PhD; Harold Merskey, DM, FRCP; Hannah Fox, MBBS; Richard N. Fry, MSc; John V. Bowler, MD, MRCP; Vladimir C. Hachinski, MD</i>	306
Exaggerated Messenger RNA Expression of Inflammatory Cytokines in Human T-Cell Lymphotropic Virus Type I-Associated Myelopathy <i>Hiroko Watanabe, MD; Tatsufumi Nakamura, MD; Kunihiko Nagasato, MD; Susumu Shirabe, MD; Kiyosumi Ohishi, MD; Katsuhiro Ichinose, MD; Yoshihiro Nishiura, MD; Shin Chiyoda, MD; Mitsuhiro Tsujihata, MD; Shigenobu Nagataki, MD</i>	276	Positron Emission Tomography Measures of Benzodiazepine Binding in Alzheimer's Disease <i>Michael Meyer, MD; Robert A. Koeppe, PhD; Kirk A. Frey, MD, PhD; Norman L. Foster, MD; David E. Kuhl, MD</i>	314
Migraine Prophylaxis With Divalproex <i>Ninan T. Mathew, MD; Joel R. Saper, MD; Stephen D. Silberstein, MD; Lynn Rankin, MD; Herbert G. Markley, MD; Seymour Solomon, MD; Alan M. Rapoport, MD; Christopher J. Silber, MD; Roger L. Deaton, MS</i>	281	Violent Sleep-Related Behavior Leading to Subdural Hemorrhage <i>Mark E. Dyken, MD; Deborah C. Lin-Dyken, MD; Peter Seaba, MSEE; Thoru Yamada, MD</i>	318
The Relation of Spike Foci and of Clinical Seizure Characteristics to Different Patterns of Mesial Temporal Atrophy <i>Antonio Gambardella, MD; Jean Gotman, PhD; Fernando Cendes, MD; Frederick Andermann, MD</i>	287		
		Observation	
		Regular Departments	
		Index to Advertisers	224
		Calendar	227
		Physician Recruitment Advertising	322
		Instructions for Authors— See February 1995 issue, page 213	

ARCHIVES

NEUROLOGY

Editor:
Robert J. Joynt, MD, PhD
601 Elmwood Ave
Rochester, NY 14642

Associate Editors:
David Goldblatt, MD
Rochester, NY
Vladimir Hachinski, MD, FRCP, DScMed
London, Ontario

Assistant Editors:
Richard Rudick, MD
Cleveland, Ohio
Ira Shoulson, MD
Rochester, NY

Editorial Assistants:
Nancy Baldwin
Rochester, NY
Kathleen Pieper
Rochester, NY

Section Editor:
*Controversies in Neurology/
Consensus in Neurology*
Vladimir Hachinski, MD, FRCP, DScMed
London, Ontario

History Editors:
Robert Currier, MD
Jackson, Miss
Richard Satran, MD
Rochester, NY

Neurological Review Editors:
Richard Moxley III, MD
Rochester, NY
Anne Young, MD, PhD
Boston, Mass

Editorial Board

Antonio Damasio, MD, PhD
Iowa City, Iowa
Alan I. Faden, MD
Washington, DC
Robert C. Griggs, MD
Rochester, NY
John Growdon, MD
Boston, Mass
Robert M. Herndon, MD
Portland, Ore
Jun Kimura, MD
Kyoto, Japan
Robert B. King, MD
Syracuse, NY

Harvey S. Levin, PhD
Baltimore, Md
Matthew Menken, MD
Somerset, NJ
George W. Paulson, MD
Columbus, Ohio
James T. Robertson, MD
Memphis, Tenn
Peritz Scheinberg, MD
Miami, Fla
Marjorie E. Seybold, MD
La Jolla, Calif
Arnold Starr, MD
Irvine, Calif