

Copyright © 1977 by the American Medical Association

**SPECIAL ARTICLE****Measurement of Cerebral Blood Flow With Microspheres**

Donald D. Heistad, MD; Melvin L. Marcus, MD; Shirley Mueller, MD, Iowa City ..... 657

**ORIGINAL CONTRIBUTIONS****Cerebral Microembolization**W. Michael Vise, MD; Franz Schuier, MD; Konstantin-A. Hossmann, MD;  
Suguru Takagi, MD; Klaus J. Zülch, MD, Köln, West Germany ..... 660**Subclinical Optic Neuropathy in Multiple Sclerosis**Roderick J. Galvin, MB, MRCP; James R. Heron, FRCPE;  
David Regan, DSc, Stoke-on-Trent, England ..... 666**Long-Term Prognosis in Stroke Related to Cerebral Blood Flow**Wolf-Dieter Heiss, MD; Karl Zeiler, MD; Lieselotte Havelec, PhD;  
Thomas Reisner, MD; Johannes Bruck, MD, Vienna ..... 671**The Effects of Epileptogenic Activity on Auditory Evoked Potentials in Cats**

Paul L. Schraeder, MD, Gastone G. Celesia, MD, Madison, Wis ..... 677

**Cerebrospinal Fluid  $\gamma$ -Aminobutyric Acid Variations in Neurological Disorders**S. J. Enna, PhD; Lawrence Z. Stern, MD, Houston; Gregory J. Wastek, PhD;  
Henry I. Yamamura, PhD, Tucson, Ariz ..... 683**Reversible Paralysis of Automatic Respiration in Multiple Sclerosis**John William Boor, MD; Robert J. Johnson, MD;  
Leo Canales, MD; David P. Dunn, MD, Philadelphia ..... 686**'Silent' Brain Metastasis From Lung Carcinoma Determined by Computerized Tomography**Lawrence Jacobs, MD; William R. Kinkel, MD, New York;  
Ronald G. Vincent, MD, Buffalo, NY ..... 690**Neuroparalytic Accidents of Antirabies Vaccination With Suckling Mouse Brain Vaccine**

Gabriel Toro, MD; Ignacio Vergara, MD; Gustavo Román, MD, Bogotá, Colombia ..... 694

**Neuropsychological Correlates of Hypertension**François Boller, MD; P. Bart Vrtunski, PhD;  
James L. Mack, PhD; Youngjai Kim, PhD, Cleveland ..... 701**BRIEF COMMUNICATIONS AND CLINICAL NOTES****Prognosis in Hereditary Amyotrophic Lateral Sclerosis**

Santiago Giménez-Roldán, MD, Angel Esteban, MD, Madrid ..... 706

**Screening Tests in Acute Porphyria**

Joel M. Lamon, MD; Bruce C. Frykholm; Donald P. Tschudy, MD, Bethesda, Md. .... 709

**Anatomic Considerations for Computed Tomography of the Optic Chiasm**

Charles M. Strother, MD; Joseph F. Sackett, MD; Richard E. Appen, MD, Madison, Wis ..... 713

**A Reversible Ocular Manifestation of Thalamic Hemorrhage**

Leon I. Gilner, MD, Brian Avin, MD, Miami ..... 715

**Control of Emotional Expression in Pseudobulbar Palsy**

Aubrey Lieberman, MD, D. Frank Benson, MD, Boston ..... 717

**REGULAR DEPARTMENTS****Letters to the Editor** ..... 720

**Fenfluramine and Parkinson's Disease** R. W. Fuller, PhD, Indianapolis, B. Beasley, MD, Staten Island, NY, T. N. Chase, MD, Bethesda, Md. . . . **Bruits and Arteriovenous Malformations** E. F. Gonyea, MD, Memphis . . . **Amyotrophic Lateral Sclerosis and Toxic Hydrocarbons** A. J. Hudson, MD, London, Ontario, Canada . . . **Contact Epilepsy** M. Ravindran, MD, Punta Gorda, Fla. . . . **Baclofen** R. R. Young, MD, Boston, B. A. Sachais, PhD, J. N. Logue, MPH, Summit, NJ . . . **Unilateral Asterixis** R. R. Young, MD, D. Tarsy, MD, Boston . . . **Abdominal X-rays After Computerized Tomographic Scans With Enhancement** D. S. Bachman, MD, Columbus, Ohio, L. A. Milleman, MD, Iowa City . . . **On Publishing Hypotheses** H. W. Huntington, MD, San Antonio, Tex. . . . **Geographic and Social Distribution of Patients With Amyotrophic Lateral Sclerosis** J. Palo, MD, M. Jokelainen, MD, Helsinki, Finland . . . **Inappropriate ADH Secretion** F. M. Vincent, MD, Hanover, NH, W. S. Wiggins, MD, Winston-Salem, NC, F. Matuk, MD, Buffalo, NY, K. Kalyanaraman, MD, Peoria, Ill

**Book Reviews** ..... 726**Calendar and News** ..... 727**Instructions for Authors** ..... 12**Index to Advertisers** ..... 24