

# ARCHIVES

OF

# NEUROLOGY

SEPTEMBER 2004 VOLUME 61, NUMBER 9 PAGES 1337-1480

## EDITORIAL

- Neurological Diagnosis Is More Than a State of Mind: Diagnostic Clarity and Impaired Consciousness** 1354  
*Joseph J. Fins, MD; Fred Plum, MD*

## NEUROLOGICAL REVIEWS

- Functional Imaging of Severely Brain-Injured Patients: Progress, Challenges, and Limitations** 1357  
*Erik J. Kobylarz, MD, PhD; Nicholas D. Schiff, MD*
- Monotherapy in Epilepsy: Role of the Newer Antiepileptic Drugs** 1361  
*Blanca Vazquez, MD*
- Migraine Is Associated With Magnetic Resonance Imaging White Matter Abnormalities: A Meta-analysis** 1366  
*Richard H. Swartz, BSc(Hon), PhD;  
Ralph Z. Kern, MD, MHSc, FRCPC*

## ORIGINAL CONTRIBUTIONS

- Homocysteine and the Brain in Midadult Life: Evidence for an Increased Risk of Leukoaraiosis in Men** 1369  
*Perminder Sachdev, MD, PhD, FRANZCP;  
Ruth Parslow, PhD;  
Chris Salonikas, MAppIsc;  
Ora Lux, PhD; Wei Wen, PhD;  
Rajeev Kumar, MD, FRANZCP;  
Daya Naidoo, MD, FRCPA;  
Helen Christensen, PhD;  
Anthony Jorm, PhD, DSc*
- Voxel-Based Morphometry Reveals Gray Matter Network Atrophy in Refractory Medial Temporal Lobe Epilepsy** 1379  
*Leonardo Bonilha, MD; Chris Rorden, PhD;  
Gabriela Castellano, PhD; Fabrício Pereira, BSc;  
Pablo A. Rio, BSc; Fernando Cendes, MD, PhD;  
Li M. Li, MD, PhD*
- Neurologic Impairment 10 Years After Optic Neuritis** 1386  
*Optic Neuritis Study Group*

- Long-term Treatment of Restless Legs Syndrome With Dopamine Agonists** 1393  
*William Ondo, MD; Jonathan Romanyshyn, BA;  
Kevin Dat Vuong, MA; Dejian Lai, PhD*

- The Natural History of Recurrent Optic Neuritis** 1401  
*Istvan Pirko, MD; Lori K. Blauwet, MD;  
Timothy G. Lesnick, MSc;  
Brian G. Weinschenker, MD, FRCPC(C)*

- European Study on Intravenous Immunoglobulin in Multiple Sclerosis: Results of Magnetization Transfer Magnetic Resonance Imaging Analysis** 1409  
*Massimo Filippi, MD; Maria A. Rocca, MD;  
Elisabetta Pagani, PhD; Giuseppe Iannucci, MD;  
Maria Pia Sormani, PhD; Franz Fazekas, MD;  
Stefan Ropele, PhD; Otto R. Hommes, MD;  
Giancarlo Comi, MD*

- Botulinum Toxin Type A for Treating Voice Tremor** 1416  
*Charles H. Adler, MD, PhD; Stephen F. Bansberg, MD;  
Joseph G. Hentz, MS; Lorraine O. Ramig, PhD;  
Eugene H. Buder, PhD; Kristi Witt, MS;  
Brian W. Edwards, MA; Kari Krein-Jones, MS;  
John N. Caviness, MD*

- Multiple Myeloma Invasion of the Central Nervous System** 1423  
*Keith O. Schluterman, MD;  
Athanasios B.-T. Fassas, MD; Rudy L. Van Hemert, MD;  
Sami I. Harik, MD*

- APOE and APOC1 Promoter Polymorphisms and the Risk of Alzheimer Disease in African American and Caribbean Hispanic Individuals** 1434  
*Benjamin Tycko, MD, PhD; Joseph H. Lee, PhD;  
Alejandra Ciappa, MD; Anjana Saxena, PhD;  
Chi-Ming Li, PhD; Lin Feng, BA; Alex Arriaga, BA;  
Yaakov Stern, PhD; Rafael Lantigua, MD;  
Neil Shachter, MD; Richard Mayeux, MD, MSc*

- Vestibular Imbalance Associated With a Lesion in the Nucleus Prepositus Hypoglossi Area** 1440  
*Sang Won Seo, MD; Ha Young Shin, MD;  
Seo Hyun Kim, MD; Sang Won Han, MD;  
Kyung Yul Lee, MD; Seung Min Kim, MD;  
Ji Hoe Heo, MD, PhD*

**OBSERVATIONS**

**Pupil-Sparing, Painless Compression of the Oculomotor Nerve by Expanding Basilar Artery Aneurysm: A Case of Ocular Pseudomyasthenia** 1448  
*Bela Ajtai, MD, PhD; Ed J. Fine, MD; Norah Lincoff, MD*

**Isolated Relative Afferent Pupillary Defect Secondary to Contralateral Midbrain Compression** 1451  
*Cheun Ju Chen, MD; Mia Scheufele, MD; Maushmi Sheth, MD; Amir Torabi, MD; Nick Hogan, MD, PhD; Elliot M. Frohman, MD, PhD*

**Prominent Cerebellar Symptoms With Unusual Magnetic Resonance Imaging Findings in Acquired Hepatocerebral Degeneration** 1458  
*Sun Ah Park, MD, PhD; Kyoung Heo, MD, PhD*

**IMAGES IN NEUROLOGY**

**Isolated Gait Ataxia Due to Cerebellar Vermis Infarct** 1461  
*Suraj Ashok Muley, MBBS; Khalafalla O. Bushara, MD*

**Magnetic Resonance Imaging Reveals Selective Vulnerability of the Cerebellum and Basal Ganglia in Malignant Hyperthermia** 1462  
*Jeong-Wook Park, MD; Young-Bin Choi, MD; Soung-Kyung Park, MD; Yeong-In Kim, MD; Kwang-Soo Lee, MD*

**Digital Rendition of Visual Migraines** 1464  
*Santosh Kesari, MD, PhD*

**HISTORY OF NEUROLOGY: SEMINAL CITATION**

**Tay-Sachs Disease** 1466  
*Jose Americo Fernandes Filho, MD; Barbara E. Shapiro, MD, PhD*

**BOOK REVIEW**

**Behavioral Neurology and Neuropsychology, 2nd ed** 1469  
*Roe Holtzer, PhD*

**CORRESPONDENCE**

**Disease Course of Charcot-Marie-Tooth Disease Type 2 and Comorbidity** 1470  
*Franco Gemignani, MD; Adriana Marbini, BSc*

**In Reply** 1470  
*Laurien L. Teunissen, MD, PhD; Nicolette C. Notermans, MD, PhD; Hessel Franssen, MD, PhD; Baziel G. M. van Engelen, MD, PhD; Frank Baas, MD, PhD; John H. J. Wokke, MD, PhD*

**Allan-Herndon-Dudley Syndrome: Should the Locus for This Hereditary Spastic Paraplegia Be Designated SPG 22?** 1470  
*Timothy P. Bohan, PhD, MD; Parvin Azizi, MD*

**In Reply** 1471  
*John K. Fink, MD*

**REGULAR DEPARTMENTS**

**This Month in Archives of Neurology** 1350

**Online CME Article** 1369

**Call for Papers** 1376, 1460

**Calendar** 1472

**Classified Advertising** 1474

**Journal Advertiser Index** 1478

**Instructions for Authors are available on our Web site at [www.archneurol.com](http://www.archneurol.com). If you do not have access to the Web, contact Yeong-Hee Shin at (214) 648-9383.**