



## **JAMA Neurology**

March 2013, Vol 70, No. 3

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William Jagust, MD

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Ramon Diaz-Arrastia, MD, PhD; Daniel Perl, MD

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Lary C. Walker, PhD; Marc I. Diamond, MD; Karen E. Duff, PhD; Bradley T. Hyman, MD, PhD

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#### **[A Systematic Approach to the Diagnosis of Suspected Central Nervous System Lymphoma](#)**

Brian J. Scott, MD; Vanja C. Douglas, MD; Tarik Tihan, MD; James L. Rubenstein, MD, PhD; S. Andrew Josephson, MD

*JAMA Neurol.* 2013;70(3):311-319.

## Original Contribution

### Posterior Cingulate Glucose Metabolism, Hippocampal Glucose Metabolism, and Hippocampal Volume in Cognitively Normal, Late-Middle-Aged Persons at 3 Levels of Genetic Risk for Alzheimer Disease

Hillary D. Protas, PhD; Kewei Chen, PhD; Jessica B. S. Langbaum, PhD; Adam S. Fleisher, MD; Gene E. Alexander, PhD; Wendy Lee, MS; Daniel Bandy, MS; Mony J. de Leon, EdD; Lisa Mosconi, PhD; Shannon Buckley, BA; Diana Truran-Sacrey, BA; Norbert Schuff, PhD; Michael W. Weiner, MD; Richard J. Caselli, MD; Eric M. Reiman, MD

*JAMA Neurol.* 2013;70(3):320-325.

### Neuroimaging of Cognitive Dysfunction and Depression in Aging Retired National Football League Players: A Cross-sectional Study

John Hart, MD; Michael A. Kraut, MD, PhD; Kyle B. Womack, MD; Jeremy Strain, BS; Nyaz Didehbani, PhD; Elizabeth Bartz, PhD; Heather Conover, BS; Sethesh Mansinghani, BS; Hanzhang Lu, PhD; C. Munro Cullum, PhD

**Includes:** CME , Supplemental Content

*JAMA Neurol.* 2013;70(3):326-335.

### Reliability of Classifying Multiple Sclerosis Disease Activity Using Magnetic Resonance Imaging in a Multiple Sclerosis Clinic

Ebru Erbayat Altay, MD; Elizabeth Fisher, PhD; Stephen E. Jones, MD, PhD; Claire Hara-Cleaver, MSN; Jar-Chi Lee, MS; Richard A. Rudick, MD

**Includes:** CME , Supplemental Content

*JAMA Neurol.* 2013;70(3):338-344.

### Enriched CD161<sup>high</sup> CCR6<sup>+</sup> $\gamma\delta$ T Cells in the Cerebrospinal Fluid of Patients With Multiple Sclerosis

Lucas Schirmer, MD; Veit Rothhammer, MD; Bernhard Hemmer, MD; Thomas Korn, MD

*JAMA Neurol.* 2013;70(3):345-351

### Timing of Recanalization After Intravenous Thrombolysis and Functional Outcomes After Acute Ischemic Stroke

Leonard L. L. Yeo, MBBS, MRCP; Prakash Paliwal, MBBS, MRCP; Hock L. Teoh, MBChB, MRCP; Raymond C. Seet, MBBS, MRCP; Bernard P. L. Chan, MBChB, MRCP; Shen Liang, PhD; Narayanaswamy Venketasubramanian, MBBS, MRCP; Rahul Rathakrishnan, MD, MRCP; Aftab Ahmad, MBBS, MRCP; Kay W. P. Ng, MBBS, MRCP; Pei K. Loh, MBBS, MRCP; Jonathan J. Y. Ong, MBBS, MRCP; Benjamin R. Wakerley, MD, PhD; Vincent F. Chong, MBBS, FRCP; Girish Bathla, MD, FRCP; Vijay K. Sharma, MBBS, MRCP

**Includes:** Supplemental Content

*JAMA Neurol.* 2013;70(3):353-358.

### **Hospital-Onset Seizures: An Inpatient Study**

Madeline C. Fields, MD; Daniel L. Labovitz, MD; Jacqueline A. French, MD  
*JAMA Neurol.* 2013;70(3):360-364.

### **Distinct Clinical Characteristics of *C9orf72* Expansion Carriers Compared With *GRN*, *MAPT*, and Nonmutation Carriers in a Flanders-Belgian FTLD Cohort**

Tim Van Langenhove, MD; Julie van der Zee, PhD; Ilse Gijssels, PhD; Sebastiaan Engelborghs, MD, PhD; Rik Vandenberghe, MD, PhD; Mathieu Vandenbulcke, MD, PhD; Jan De Bleeker, MD, PhD; Anne Sieben, MD; Jan Versijpt, MD, PhD; Adrian Ivanoiu, MD, PhD; Olivier Deryck, MD; Christiana Willems, MD; Lubina Dillen, PhD; Stéphanie Philtjens, MSc; Githa Maes, MPharm; Veerle Bäumer, BSc; Marleen Van Den Broeck, BSc; Maria Mattheijssens, BSN; Karin Peeters, BSN; Jean-Jacques Martin, MD, PhD; Alex Michotte, MD; Patrick Santens, MD, PhD; Peter De Jonghe, MD, PhD; Patrick Cras, MD, PhD; Peter P. De Deyn, MD, PhD; Marc Cruts, PhD; Christine Van Broeckhoven, PhD, DSc

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*JAMA Neurol.* 2013;70(3):365-373

### **Cardiac Disease Associated With Increased Risk of Nonamnesic Cognitive Impairment: Stronger Effect on Women**

Rosebud O. Roberts, MB, ChB, MS; Yonas E. Geda, MD, MSc; David S. Knopman, MD; Ruth H. Cha, MS; V. Shane Pankratz, PhD; Bradley F. Boeve, MD; Eric G. Tangalos, MD; Robert J. Ivnik, PhD; Michelle M. Mielke, PhD; Ronald C. Petersen, PhD, MD  
*JAMA Neurol.* 2013;70(3):374-382.

### **Late-Life Depression, Mild Cognitive Impairment, and Dementia**

Edo Richard, MD, PhD; Christiane Reitz, MD, PhD; Lawrence H. Honig, MD, PhD; Nicole Schupf, PhD; Ming X. Tang, PhD; Jennifer J. Manly, PhD; Richard Mayeux, MD, MSc; Devangere Devanand, MD; José A. Luchsinger, MD, MPH

**Includes:** Supplemental Content

*JAMA Neurol.* 2013;70(3):383-389.

## **Observation**

### **Disease Amelioration With Tocilizumab in a Treatment-Resistant Patient With Neuromyelitis Optica: Implication for Cellular Immune Responses**

Bernd C. Kieseier, MD; Olaf Stüve, MD, PhD; Thomas Dehmel, PhD; Norbert Goebels, MD; Verena I. Leussink, MD; Anne K. Mausberg, PhD; Marius Ringelstein, MD; Bernd Turowski, MD; Orhan Aktas, MD; Gerald Antoch, MD; Hans-Peter Hartung, MD  
*JAMA Neurol.* 2013;70(3):390-393.

### **Interleukin 6 Receptor Blockade in Patients With Neuromyelitis Optica Nonresponsive to Anti-CD20 Therapy**

Ilya Ayzenberg, MD; Ingo Kleiter, MD; Alexandra Schröder, MD; Kerstin Hellwig, MD; Andrew Chan, MD; Takashi Yamamura, MD; Ralf Gold, MD  
*JAMA Neurol.* 2013;70(3):394-397.

### **Lessons Learned From Fatal Progressive Multifocal Leukoencephalopathy in a Patient With Multiple Sclerosis Treated With Natalizumab**

Aaron L. Boster, MD; Jacqueline A. Nicholas, MD; Ilir Topalli, PhD; Yaz Y. Kisanuki, MD; Wei Pei, PhD; Bethanie Morgan-Followell, MD; Claudia F. Kirsch, MD; Michael K. Racke, MD; David Pitt, MD

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*JAMA Neurol.* 2013;70(3):398-402.

## **Images in Neurology**

### **Dystextia: Acute Stroke in the Modern Age**

Arvind Ravi, PhD; Vikram R. Rao, MD, PhD; Joshua P. Klein, MD, PhD  
*JAMA Neurol.* 2013;70(3):404.

### **Intra-arterial Thrombolysis of Acute Cerebral Vascular Occlusion During Endovascular Treatment of Adjacent Aneurysms at the Internal Carotid Artery**

Zhi Chen, MD; Hongping Miao, MD; Gang Zhu, MD, PhD; Hua Feng, MD, PhD  
*JAMA Neurol.* 2013;70(3):406-407.

### **Diaschisis as the Presenting Feature in Sporadic Creutzfeldt-Jakob Disease**

Daryl Wile, MD; Harinder Dhaliwal, MBBS; Justyna R. Sarna, MD, PhD; Christine P. Molnar, MD; James N. Scott, MD; Fiona Costello, MD; Sarah Furtado, MD, PhD; Jeffrey T. Joseph, MD, PhD  
*JAMA Neurol.* 2013;70(3):408-409.

### **In Vivo Demonstration of Homonymous Hemimacular Loss of Retinal Ganglion Cells Due to a Thalamic Lesion Using Optical Coherence Tomography**

Jiwon Oh, MD; Elias S. Sotirchos, MD; Shiv Saidha, MBBCh, MRCPI; Mohamed Ibrahim, MD; Yasir Sepah, MD; Quan Dong Nguyen, MD; Peter A. Calabresi, MD  
*JAMA Neurol.* 2013;70(3):410-411. 605

## **Correspondence**

### **Elderly Individuals With FTL D**

Atik Baborie, MD; Tim D. Griffiths, DM; Evelyn Jaros, PhD; Parastoo Momeni, PhD; Ian G. McKeith, MD; David J. Burn, MD; G. Keir, PhD; Andrew J. Larner, MD; David M. Mann, PhD; Robert Perry, MD  
*JAMA Neurol.* 2013;70(3):412-413.

### **Elderly Individuals With FTLD**

Kurt A. Jellinger, MD

*JAMA Neurol.* 2013;70(3):412-413.

### **Association Between Angiotensin Receptor Blockers and Better Cognitive Outcome: Urgent Need for a Randomized Trial**

Roxana Oprisiu, MD; Albert Fournier, MD; Jean Michel Achard, MD, PhD; Sandra E. Black, MD, FRCPC; Jean-Marie Serot, MD, PhD; Olivier Godefroy, MD, PhD

*JAMA Neurol.* 2013;70(3):413-414.

### **Alzheimer Pathology and Angiotensin Receptor Blockers**

Ihab Hajjar, MD, MS; Lauren Brown, BS, MPH; Wendy J. Mack, PhD; Helena Chui, MD

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### **Alzheimer Pathology and Angiotensin Receptor Blockers**

Edward P. Shapiro, MD

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### **Parkinsonism and Cancer**

Glen E. Kisby, PhD; Peter S. Spencer, PhD, FRCPath

*JAMA Neurol.* 2013;70(3):414-415.