

# Neurology®

## Table of Contents

Volume 86, Number 11, March 15, 2016

Neurology.org

THE MOST WIDELY READ AND HIGHLY CITED PEER-REVIEWED  
NEUROLOGY JOURNAL



### IN FOCUS

**981** Spotlight on the March 15 Issue

**1008** This Week's Neurology® Podcast

### EDITORIALS

**982** A new scale for prognostication in Parkinson disease:  
Of animals and men  
*A. Chiò and G. Defazio*

**984** Urinary LRRK2 phosphorylation: Penetrating the thicket  
of Parkinson disease?  
*A. Grünewald and C. Klein*

### ARTICLES

**986** Development and external validation of a prognostic  
model in newly diagnosed Parkinson disease  
*D.C. Velseboer, R.M.A. de Bie, L. Wieske, J.R. Evans,  
S.L. Mason, T. Foltynie, B. Schmand, R.J. de Haan,  
B. Post, R.A. Barker, and C.H. Williams-Gray*  
Editorial, p. 982

**994** Urinary LRRK2 phosphorylation predicts  
parkinsonian phenotypes in G2019S LRRK2  
carriers  
*K.B. Fraser, M.S. Moehle, R.N. Alcalay, and A.B. West,  
on behalf of the LRRK2 Cohort Consortium*  
Editorial, p. 984

**1000** Neuropathologic comorbidity and cognitive  
impairment in the Nun and Honolulu-Asia Aging  
Studies  
*L.R. White, S.D. Edland, L.S. Hemmy, K.S. Montine,  
C. Zarow, J.A. Sonnen, J.H. Uyehara-Lock, R.P. Gelber,  
G.W. Ross, H. Petrovitch, K.H. Masaki, K.O. Lim,  
L.J. Launer, and T.J. Montine*

**1009** Metabotropic glutamate receptor type 1 autoimmunity:  
Clinical features and treatment outcomes  
*A.S. Lopez-Chiriboga, L. Komorowski, T. Kümpfel,  
C. Probst, S.R. Hinson, S.J. Pittock, and A. McKeon*

**1014** Multiple sclerosis prevalence in the United States  
commercially insured population  
*P. Dilokthornsakul, R.J. Valuck, K.V. Nair, J.R. Corboy,  
R.R. Allen, and J.D. Campbell*

**1022** Longitudinal functional and NMR assessment of upper  
limbs in Duchenne muscular dystrophy  
*J.-Y. Hogrel, C. Wary, A. Moraux, N. Azzabou,  
V. Decostre, G. Ollivier, A. Canal, C. Lilien, I. Ledoux,  
M. Annoussamy, N. Reguiba, T. Gidaro, A.G. Le Moing,  
R. Cardas, T. Voit, P.G. Carlier, and L. Servais*

**1031** Depression in ALS in a large self-reporting cohort  
*N.J. Thakore and E.P. Pioro*

**1039** Cutaneous sensory and autonomic denervation in  
CADASIL  
*M. Nolano, V. Provitera, V. Donadio, G. Caporaso,  
A. Stancanelli, F. Califano, L. Pianese, R. Liguori,  
L. Santoro, and M. Ragno*

**1045** How best to obtain consent to thrombolysis:  
Individualized decision-making  
*J. Gong, Y. Zhang, J. Feng, W. Zhang, W. Yin, X. Wu,  
Y. Hou, Y. Huang, H. Liu, and D. Miao*

**1053** Cost-effectiveness of endovascular thrombectomy in  
patients with acute ischemic stroke  
*M. Aronsson, J. Persson, C. Blomstrand, P. Wester, and  
L.-Å. Levin*

### CLINICAL IMPLICATIONS OF NEUROSCIENCE RESEARCH

**1060** Dorsal horn circuitry: Complexity and implications for  
mechanisms of neuropathic pain  
*E.E. Benarroch*

### CLINICAL/SCIENTIFIC NOTES

**1070** 3,4-Diaminopyridine may improve myasthenia gravis  
with MuSK antibodies  
*A. Evoli, P.E. Alboini, V. Damato, and R. Iorio*

**1071** Comment: Is 3,4-DAP a new option in treating MuSK  
MG?  
*L.D. Hobson-Webb*

**1072** Absence of LRRK2 mutations in a cohort of patients  
with idiopathic REM sleep behavior disorder  
*R. Fernández-Santiago, A. Iranzo, C. Gaig,  
M. Serradell, M. Fernández, E. Tolosa, J. Santamaría,  
and M. Ezquerro*

CONTINUED

# Neurology®

## Table of Contents

*continued*



### NEUROIMAGES

- 1074 Bilateral tadpole pupils  
*R. Vijayaraghavan, C.A. Philips, and S.P. Choudhury*

### RESIDENT & FELLOW SECTION

- e109 Pearls & Oysters: Tacrolimus neurotoxicity presenting as an isolated brainstem lesion  
*A. Saadi and J.D. Schmahmann*
- e112 Education Research: Neurology resident education: Trending skills, confidence, and professional preparation  
*J.T. Jordan, D. Mayans, L. Schneider, N. Adams, A.M. Khawaja, and J. Engstrom*
- e118 Teaching Video NeuroImages: Finger clonus: When the pupil surpassed his master  
*M. Moccia, E. Spina, R. Allocca, P. Barone, and C. Vitale*

### WRITECLICK® EDITOR'S CHOICE

- 1076 Status epilepticus of inflammatory etiology: A cohort study  
*E. Ferlazzo, S. Gasparini, C. Sueri, U. Aguglia; Author Response: A.O. Rossetti*
- 1077 Higher neutrophil counts before thrombolysis for cerebral ischemia predict worse outcomes  
*W. Zhu, Z. Guo, S. Yu; Author Response: D. Leys, I. Maestrini, S. Moulin, T. Tatlisumak, R. Bordet*

### CORRECTIONS

- 1077 Hepcidin ameliorates mitochondrial damage in a rat model of Parkinson's disease (P3.019)
- 1077 Mutations in *HSPB8* causing a new phenotype of distal myopathy and motor neuropathy

### DEPARTMENT

In the Next Issue of *Neurology*®

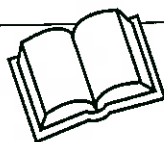
Podcast at [Neurology.org](http://Neurology.org) CME Video Patient Page LOE classification LOE recommendation

Find us on Facebook [tinyurl.com/neurologyfan](http://tinyurl.com/neurologyfan) twitter [twitter.com/GreenJournal](http://twitter.com/GreenJournal)



**Cover image:** Confocal images showing cutaneous sensory denervation and vascular abnormalities in a patient with CADASIL (upper and lower right) compared to a control (upper and lower left). See page 1039.

Look for **Publish Ahead of Print** articles and editorials under the Ahead of Print tab at [Neurology.org](http://Neurology.org)



## Neurology® Online CME Program

Earn CME while reading *Neurology*. This program is available only to online *Neurology* subscribers. Simply read the articles marked CME, go to [Neurology.org](http://Neurology.org), and click on CME. This will provide all of the information necessary to get started. The American Academy of Neurology (AAN) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians. *Neurology* is planned and produced in accordance with the ACCME Essentials. For more information, contact AAN Member Services at 800-879-1960.