

Neurology®

Table of Contents

Volume 84, Number 9, March 3, 2015

Neurology.org

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



IN FOCUS

- 863 Spotlight on the March 3 Issue
943 This Week's Neurology® Podcast

EDITORIALS

- 864 Multiple sclerosis, immunomodulation, and immunizations:
Balancing the benefits
M.D. Goldman and R.T. Naismith
- 866 GBA mutations and Parkinson disease: When genotype
meets phenotype
S.W. Scholz and B.S. Jeon
- 868 Continued risk of SAH after negative screen in first-degree
relatives—and persistent questions
J.J. Majersik and R.H. Schmidt
- 870 Unlocking the mysteries of TDP-43
K.A. Josephs and P.T. Nelson

ARTICLES

- 872 Randomized trial of vaccination in fingolimod-treated
patients with multiple sclerosis
*L. Kappos, M. Mehling, R. Arroyo, G. Izquierdo,
K. Selmoj, V. Curovic-Perisic, A. Keil, M. Bijarnia,
A. Singh, and P. von Rosenstiel*
 **Editorial, p. 864**
- 880 Differential effects of severe vs mild GBA mutations
on Parkinson disease
*Z. Gan-Or, I. Amshalom, L.L. Kilarski, A. Bar-Shira, M. Gana-Weisz,
A. Mirelman, K. Marder, S. Bressman, N. Giladi, and A. Orr-Urtreger*
Editorial, p. 866
- 888 Parkinson disease with REM sleep behavior
disorder: Features, α -synuclein, and inflammation
*Y. Hu, S.-Y. Yu, L.-J. Zuo, C.-J. Cao, F. Wang, Z.-J. Chen,
Y. Du, T.-H. Lian, Y.-J. Wang, P. Chan, S.-D. Chen,
X.-M. Wang, and W. Zhang*

- 895 Short- and long-term outcome of chronic pallidal
neurostimulation in monogenic isolated dystonia
*N. Brüggemann, A. Kühn, S.A. Schneider, C. Kamm,
A. Wolters, P. Krause, E. Moro, F. Steigerwald, M. Wittstock,
V. Tronnier, A.M. Lozano, C. Hamani, Y.-Y. Poon,
S. Zittel, T. Wächter, G. Deuschl, R. Krüger, A. Kupsch,
A. Münchau, K. Lohmann, J. Volkmann, and C. Klein*
 

- 904 Prevalence of congenital muscular dystrophy in Italy:
A population study
*A. Graziano, F. Bianco, A. D'Amico, I. Moroni, S. Messina,
C. Bruno, E. Pegoraro, M. Mora, G. Astrea, F. Magri,
G.P. Comi, A. Berardinelli, M. Moggio, L. Morandi, A. Pini,
R. Petillo, G. Tasca, M. Monforte, C. Minetti, T. Mongini, E. Ricci,
K. Gorni, R. Battini, M. Villanova, L. Politano,
F. Gualandi, A. Ferlini, F. Muntoni, F.M. Santorelli,
E. Bertini, M. Pane, and E. Mercuri*
- 912 Long-term risk of aneurysmal subarachnoid hemorrhage
after a negative aneurysm screen
*I. Rasing, Y.M. Ruigrok, P. Greebe, B.K. Velthuis,
T.D. Witkamp, M.J.H. Wermer, Y.B. Roos,
W.P. Vandertop, and G.J.E. Rinkel*
 **Editorial, p. 868**
- 918 Common variation in COL4A1/COL4A2 is associated with
sporadic cerebral small vessel disease
*K. Rannikmäe, G. Davies, P.A. Thomson, S. Bevan,
W.J. Devan, G.J. Falcone, M. Traylor, C.D. Anderson,
T.W.K. Battey, F. Radmanesh, R. Deka, J.G. Woo, L.J. Martin,
J. Jimenez-Conde, M. Selim, D.L. Brown, S.L. Silliman,
C.S. Kidwell, J. Montaner, C.D. Langefeld, A. Slowik,
B.M. Hansen, A.G. Lindgren, J.F. Meschia, M. Fornage,
J.C. Bis, S. Debette, M.A. Ikram, W.T. Longstreth,
R. Schmidt, C.R. Zhang, Q. Yang, P. Sharma, S.J. Kittner,
B.D. Mitchell, E.G. Holliday, C.R. Levi, J. Attia, P.M. Rothwell,
D.L. Poole, G.B. Boncoraglio, B.M. Psaty, R. Malik, N. Rost,
B.B. Worrall, M. Dichgans, T. Van Agtmael, D. Woo,
H.S. Markus, S. Seshadri, J. Rosand, and C.L.M. Sudlow, on behalf
of the METASTROKE Consortium, the CHARGE WMH Group, the
ISGC ICH GWAS Study Collaboration, the WMH in Ischemic
Stroke GWAS Study Collaboration, and the International Stroke
Genetics Consortium*
- 927 The TMEM106B locus and TDP-43 pathology in older
persons without FTLD
*L. Yu, P.L. De Jager, J. Yang, J.Q. Trojanowski,
D.A. Bennett, and J.A. Schneider*
Editorial, p. 870
- 935 Neuropsychiatric symptoms, APOE ε 4, and the
risk of incident dementia: A population-based
study
*A. Pink, G.B. Stokin, M.M. Bartley, R.O. Roberts,
O. Sochor, M.M. Machulda, J. Krell-Roesch, D.S. Knopman,
J.I. Acosta, T.J. Christianson, V.S. Pankratz, M.M. Mielke,
R.C. Petersen, and Y.E. Geda*

CONTINUED

- 944 Antiepileptic drug use by pregnant women enrolled in Florida Medicaid
X. Wen, K.J. Meador, and A. Hartzema

- 950 Comment: Are we filling knowledge gaps about antiepileptic drugs and pregnancy?
N. Jette
- 951 CHD2 myoclonic encephalopathy is frequently associated with self-induced seizures
R.H. Thomas, L.M. Zhang, G.L. Carvill, J.S. Archer, S.B. Heavin, S.A. Mandelstam, D. Craiu, S.F. Berkovic, D.S. Gill, H.C. Mefford, and I.E. Scheffer, on behalf of EuroEPINOMICS RES Consortium

- VIDEO NEUROIMAGES**
- 959 Bedtime-related jerks in the upper limbs associated with restless arms syndrome
E. Ruppert, C. Tranchant, U. Kilic-Huck, N. Carpentier, M. Bataillard, and P. Bourgin

- 960 Fatty acid 2-hydroxylase deficiency: Clinical features and brain iron accumulation
J.L. Pedroso, B.W. Handfas, A. Abrahão, F. Kok, O.G.P. Barsottini, and A.S.B. Oliveira

- RESIDENT & FELLOW SECTION**
- e60 Clinical Reasoning: A 35-year-old man with 2 episodes of meningoencephalitis associated with flu-like illnesses
A.J. Amin and S.L. Lewis
- e65 Teaching NeuroImages: Unilateral agenesis of internal carotid artery with ophthalmic artery from opposite side
W.-Z. Zhou, L.-B. Zhao, S. Liu, and H.-B. Shi
- e67 Teaching NeuroImages: Idiopathic hypertrophic spinal pachymeningitis mimicking epidural lymphoma
H.-T. Hsu, S.-S. Hsu, C.-C. Chien, and P.-H. Lai
- WRITECCLICK® EDITOR'S CHOICE**
- 962 Prehospital stroke scales in urban environments: A systematic review
M.P. Rudd, C.I. Price, G.A. Ford; Author Response: E.S. Brandler
- 962 Peripheral pulse measurement after ischemic stroke: A feasibility study
A. Totah; Author Response: B. Kallmünzer, M. Köhrmann
- 963 Defining the clinical course of multiple sclerosis: The 2013 revisions
F.H. Jacques; Author Response: F.D. Lublin
- CORRECTION**
- 963 Physical activity attenuates age-related biomarker alterations in preclinical AD
- DEPARTMENT**
- In the Next Issue of *Neurology®*

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

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



Cover image: Unilateral agenesis of internal carotid artery and ophthalmic artery from contralateral side. Stylized by Cindy Abair, Neurology Senior Graphics Editor. See page e65.

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

Neurology®

84 (9)
Neurology 2015;84:e60-963

This information is current as of January 1, 2015

**Updated Information &
Services**

including high resolution figures, can be found at:
<http://n.neurology.org/content/84/9.full>

Permissions & Licensing

Information about reproducing this article in parts (figures,tables) or in its entirety can be found online at:
http://www.neurology.org/about/about_the_journal#permissions

Reprints

Information about ordering reprints can be found online:
<http://n.neurology.org/subscribers/advertise>

Neurology® is the official journal of the American Academy of Neurology. Published continuously since 1951, it is now a weekly with 48 issues per year. Copyright . All rights reserved. Print ISSN: 0028-3878. Online ISSN: 1526-632X.

