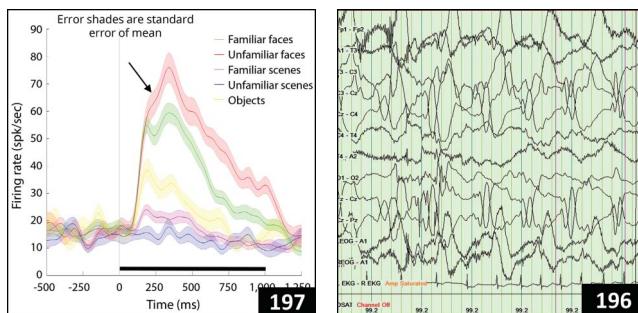
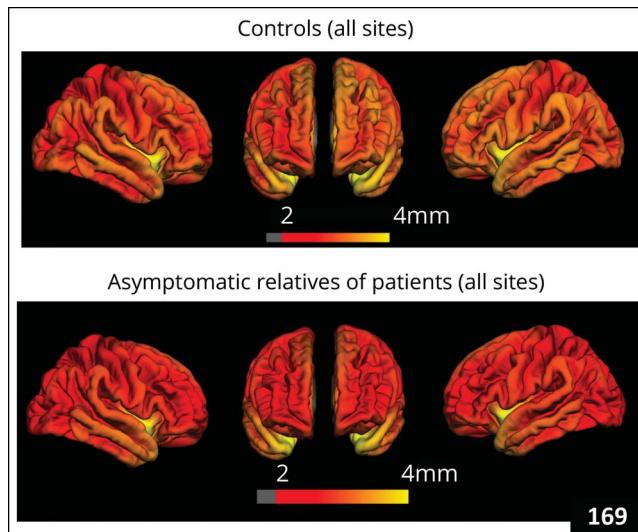


TABLE OF CONTENTS

Volume 92, Number 4, January 22, 2019

[Neurology.org/N](https://www.neurology.org)



Select figures listed on the Table of Contents only appear within the full-length articles online.

In Focus

- 153 **Spotlight on the January 22 issue**
- 154 **This Week's Neurology® Podcast**

Editorials

- 155 **Atrial cardiopathy: A new cause for stroke?**
D. Leifer and T. Rundek
- 157 **Predicting stroke outcome: Role of a biomarker panel**
G.C. Jickling and T.L. Russo
- 159 **Stroke prevention: How low can you go?**
S.K. Feske and C. Bushnell
- 161 **Spreading depolarization: A mysterious and deadly mediator of acute brain injury**
S.A. Mayer and R. Helbok

Ahead of Print Articles and Editorials

[NPub.org/aheadofprint](https://www.ncbi.nlm.nih.gov/pmc/articles/aheadofprint/)

Articles: Short Format

Full articles at [Neurology.org/N](https://www.neurology.org/N)

- 163 **Atrial cardiopathy in patients with embolic strokes of unknown source and other stroke etiologies**
S. Jalini, R. Rajalingam, R. Nisenbaum, A.D. Javier, A. Woo, and A. Pikula
 Editorial, p. 155
- 164 **Multiple biomarkers covering distinct pathways for predicting outcomes after ischemic stroke**
C. Zhong, Z. Zhu, A. Wang, T. Xu, X. Bu, H. Peng, J. Yang, L. Han, J. Chen, T. Xu, Y. Peng, J. Wang, Q. Li, Z. Ju, D. Geng, J. He, and Y. Zhang
 Editorial, p. 157
- 165 **Aspirin reduces long-term stroke risk in women with prior hypertensive disorders of pregnancy**
E.C. Miller, A.K. Boehme, N.T. Chung, S.S. Wang, J.V. Lacey, Jr., K. Lakshminarayan, C. Zhong, D. Woo, N.A. Bello, R. Wapner, M.S.V. Elkind, and J.Z. Willey
 Editorial, p. 159 Podcast
- 166 **Serum homocysteine level is related to cerebral small vessel disease in a healthy population**
K.-W. Nam, H.-M. Kwon, H.-Y. Jeong, J.-H. Park, H. Kwon, and S.-M. Jeong
- 167 **Early focal brain injury after subarachnoid hemorrhage correlates with spreading depolarizations**
N. Eriksen, E. Rostrup, M. Fabricius, M. Scheel, S. Major, M.K.L. Winkler, G. Bohner, E. Santos, O.W. Sakowitz, V. Kola, C. Reiffurth, J.A. Hartings, P. Vajkoczy, J. Woitzik, P. Martus, M. Lauritzen, B. Pakkenberg, and J.P. Dreier
 Editorial, p. 161
- 168 **Cerebrovascular reactivity as a determinant of deep white matter hyperintensities in migraine**
M.J. Lee, B.-Y. Park, S. Cho, H. Park, and C.-S. Chung
- 169 **Normal cerebral cortical thickness in first-degree relatives of patients with temporal lobe epilepsy**
S. Alhusaini, M.A. Kowalczyk, C.L. Yasuda, M.K. Semmelroch, M. Katsurayama, M. Zabin, T. Zanão, M.H. Nogueira, M.K.M. Alvim, V.R. Ferraz, M.-H. Tsai, M. Fitzsimons, I. Lopes-Cendes, C.P. Doherty, G.L. Cavalleri, F. Cendes, G.D. Jackson, and N. Delanty
- 170 **Randomized trial of L-serine in patients with hereditary sensory and autonomic neuropathy type 1**
V. Fridman, S. Suriyanarayanan, P. Novak, W. David, E.A. Macklin, D. McKenna-Yasek, K. Walsh, R. Aziz-Bose, A.L. Oaklander, R. Brown, T. Hornemann, and F. Eichler
 Open Access Article Class of Evidence

Continued

171 Safety and long-term efficacy of ventro-oral thalamotomy for focal hand dystonia: A retrospective study of 171 patients

S. Horisawa, T. Ochiai, S. Goto, T. Nakajima, N. Takeda, A. Fukui, T. Hanada, T. Kawamata, and T. Taira

CME Course Open Access Article Class of Evidence

172 Early onset as a marker for disease severity in facioscapulohumeral muscular dystrophy

R.J.M. Goselink, K. Mul, C.R. van Kernebeek, R.J.L.F. Lemmers, S.M. van der Maarel, T.H.A. Schreuder, C.E. Erasmus, G.W. Padberg, J.M. Statland, N.C. Voermans, and B.G.M. van Engelen

What's Happening

173 What's happening in *Neurology® Neuroimmunology & Neuroinflammation*

Contemporary Issues: Innovations in Education

174 Neurologic and neuroscience education: Mitigating neurophobia to mentor health care providers

S. Sandrone, J.V. Berthaud, M. Chuquelin, J. Cios, P. Ghosh, R.J. Gottlieb-Smith, H. Kushlaf, S. Mantri, N. Masangkay, D.L. Menkes, K.S. Nevel, H. Sarva, and L.D. Schneider

Views & Reviews

180 Unraveling treatment response in multiple sclerosis: A clinical and MRI challenge

C. Gasperini, L. Prosperini, M. Tintoré, M.P. Sormani, M. Filippi, J. Rio, J. Palace, M.A. Rocca, O. Ciccarelli, F. Barkhof, J. Sastre-Garriga, H. Vrenken, J.L. Frederiksen, T.A. Yousry, C. Enzinger, A. Rovira, L. Kappos, C. Pozzilli, X. Montalban, and N. De Stefano, and the MAGNIMS Study Group

Clinical/Scientific Notes

193 Acute frontal eye field infarction: A topodiagnostic challenge

F.S. Thaler, C. Koriath, C. Vollmar, S. Bardins, O. Kremmyda, and A. Danek

CME Course

Reflections: Neurology and the Humanities

196 Neonatal montage

A.C. Anilkumar

Audio

Video NeuroImages

197 Face-selective neurons in the vicinity of the human fusiform face area

V. Axelrod, C. Rozier, T.S. Malkinson, K. Lehongre, C. Adam, V. Lambrecq, V. Navarro, and L. Naccache

Video

Resident & Fellow Section

199 Education Research: Neuroradiology curriculum in neurology residency training programs: How we teach neuroimaging

P.D. Johnson, S. Sillau, J.C. Masdeu, D.E. Ney, and P.J. Korb

e386 Clinical Reasoning: A 61-year-old woman with acute onset dysgraphia

L.T.R. Smith, N.N.C. Roach, and S. Chapman Smith

e392 Teaching NeuroImages: Cerebral inception: A "brain" within a brain

E. Macdonald-Laurits, R.J. Leventer, and R. Patel

e394 Teaching Video NeuroImages: *MT-TL1* mutation presenting as chronic progressive external ophthalmoplegia

A.M. Parsons, S.H. Mehta, M.D. Acierno, and R. Dhamija

Video

Disputes & Debates: Editors' Choice

204 Editors' note: Sauna bathing reduces the risk of stroke in Finnish men and women: A prospective cohort study

A. Ganesh and S. Galetta

204 Reader response: Sauna bathing reduces the risk of stroke in Finnish men and women: A prospective cohort study

Y. Yu, W.-T. Guo, X.-L. Yan, Z.-N. Guo, and Y. Yang

205 Reader response: Sauna bathing reduces the risk of stroke in Finnish men and women: A prospective cohort study

D.W. Dippel, P.S. Fransen, and M.K. Ikram

205 Author response: Sauna bathing reduces the risk of stroke in Finnish men and women: A prospective cohort study

S.K. Kunutsor, T. Laukkonen, and J.A. Laukkonen

Department

In the Next Issue of *Neurology®*



Cover image

A patient with focal hand dystonia performing affected tasks and reporting fluctuations in symptoms during operation.

See page 171

Neurology®

92 (4)
Neurology 2019;92:e392-206

This information is current as of January 1, 2019

**Updated Information &
Services**

including high resolution figures, can be found at:
<http://n.neurology.org/content/92/4.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.

