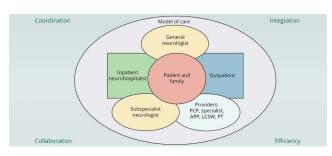
# Neurology®



Neurology.org/N

# TABLE OF CONTENTS

Volume 98, Number 4, January 25, 2022



#### Cover Image

Image shows a model of cohesive care with patients and their families as the central element in a team-based approach. Stylized by Kaitlyn Aman Ramm, Digital Multimedia/Graphics Coordinator. See page 146

#### In Focus

- 131 Spotlight on the January 25 Issue
- 132 This Week's Neurology® Podcast

#### **Editorials**

- Risk of Recurrent Stroke: The Critical Need for Continued Efforts in Secondary Prevention

   I. Skoog and T.E. Madsen
- 135 Collateral Protection: Do Favorable Collaterals Predict Better Response in Children Who Undergo Thrombectomy for Large Artery Stroke? L.A. Beslow and A. Vossough

#### **Research Articles: Short Format**

Full articles at Neurology.org/N

137 Risks of Stroke Recurrence and Mortality After First and Recurrent Strokes in Denmark: A Nationwide Registry Study

N. Skajaa, K. Adelborg, E. Horváth-Puhó, K.J. Rothman, V.W. Henderson, L.C. Thygesen, and H.T. Sørensen

#### Editorial, p. 133

138 Cardiovascular Risk Factors and MRI Markers of Cerebral Small Vessel Disease: A Mendelian Randomization Study

V. Taylor-Bateman, D. Gill, M. Georgakis, R. Malik, P. Munroe, and M. Traylor, on behalf of the International Consortium of Blood Pressure (ICBP)

# 139 Cerebrovascular Collateral Integrity in Pediatric Large Vessel Occlusion: Analysis of the Save ChildS Study

S. Lee, B. Jiang, M. Wintermark, M. Mlynash, S. Christensen, R. Sträter, G. Broocks, A. Grams, F. Dorn, O. Nikoubashman, D. Kaiser, A. Morotti, U. Jensen-Kondering, J. Trenkler, M. Möhlenbruch, J. Fiehler, M. Wildgruber, A. Kemmling, M. Psychogios, and P.B. Sporns, on behalf of Save ChildS Investigators

#### Editorial, p. 135 Class of Evidence

### 140 Microstructural Periventricular White Matter Injury in Post-hemorrhagic Ventricular Dilatation

A.M. Isaacs, J.J. Neil, J.P. McAllister, S. Dahiya, L. Castaneyra-Ruiz, H. Merisaari, H.E. Botteron, D. Alexopoulos, A. George, P. Sun, D.M. Morales, J.S. Shimony, J. Strahle, Y. Yan, S.-K. Song, D.D. Limbrick, and C.D. Smyser

# Phase 2 Trial of Rituximab in Acetylcholine Receptor Antibody-Positive Generalized Myasthenia Gravis: The BeatMG Study

R.J. Nowak, C.S. Coffey, J.M. Goldstein, M.M. Dimachkie, M. Benatar, J.T. Kissel, G.I. Wolfe, T.M. Burns, M.L. Freimer, S. Nations, V. Granit, A.G. Smith, D.P. Richman, E. Ciafaloni, M.T. Al-Lozi, L.A. Sams, D. Quan, E. Ubogu, B. Pearson, A. Sharma, J.W. Yankey, L. Uribe, M. Shy, A.A. Amato, R. Conwit, K.C. O'Connor, D.A. Hafler, M.E. Cudkowicz, and R.J. Barohn, on behalf of the NeuroNEXT NN103 BeatMG Study Team

Class of Evidence (1) Null Hypothesis

# 142 Clinical and Genetic Characteristics in Young, Glucocorticoid-Naive Boys With Duchenne Muscular Dystrophy

M. Schiava, R. Amos, H. VanRuiten, M.P. McDermott, W.B. Martens, S. Gregory, A. Mayhew, E. McColl, R. Tawil, T. Willis, K. Bushby, R.C. Griggs, and M. Guglieri, on behalf of the FOR-DMD Investigators of the Muscle Study Group

#### CME Course

# 143 Amyotrophic Lateral Sclerosis–Frontotemporal Dementia: Shared and Divergent Neural Correlates Across the Clinical Spectrum

C. Cividini, S. Basaia, E.G. Spinelli, E. Canu, V. Castelnovo, N. Riva, G. Cecchetti, F. Caso, G. Magnani, A. Falini, M. Filippi, and F. Agosta

#### OPEN ACCESS O CME Course

144 Association of Air Pollution and Physical Activity With Brain Volumes

M.A. Furlong, G.E. Alexander, Y.C. Klimentidis, and D.A. Raichlen **O** Patient Page

## Ahead of Print Articles and Editorials

NPub.org/aheadofprint

#### Continued

 Adherence to Antiseizure vs Other Medications Among US Medicare Beneficiaries With and Without Epilepsy
 S.W. Terman, W.T. Kerr, C.E. Aubert, C.E. Hill, Z.A. Marcum, and J.F. Burke

# Contemporary Issues in Practice, Education, & Research

146 Effects of Fragmentation and the Case for Greater Cohesion in Neurologic Care Delivery

M.A. O'Neal, N. Zecavati, M. Yu, R. Spain, S.M. Friedenberg, N. El Husseini, D.R. Torres-Russotto, B. Feliciano, R. Spears, and C. Baca

#### **Special Articles**

154 Decisions With Patients and Families Regarding Aducanumab in Alzheimer Disease, With Recommendations for Consent: AAN Position

W. Chiong, B.D. Tolchin, R.J. Bonnie, K.M. Busl, S. Cruz-Flores, L.G. Epstein, E.P. Greene, J. Illes, M. Kirschen, D.G. Larriviere, S. Mantri, M.A. Rubin, B.J. Stern, and L.P. Taylor, on behalf of the Ethics, Law, and Humanities Committee (a joint committee of the AAN, ANA, and CNS)

Podcast

Statement

#### **Resident & Fellow Section**

- 160 Resident & Fellow Rounds: January 2022R.E. Strowd III and W. Aamodt
- 163 Clinical Reasoning: A 31-Year-Old Man With Sequential Vision Loss
   B. Fortes, J.J. Chen, and M.T. Bhatti
- e437 Future of Neurology & Technology: Stereoelectroencephalography in Presurgical Epilepsy Evaluation

G. Delgado-Garcia and B. Frauscher

- e441 **Teaching NeuroImage: Neurovascular Consequences** of Autonomic Dysreflexia C.M. Lineback, E.W. Moffet, and M. Kim
- e443 **Teaching NeuroImage: Pontine Owl-Eyes Lesions in a Case of Neuroborreliosis** S. Borgeaud, M.I. Vargas, and P.H. Lalive

#### **Patient Page**

e445 **Exercise, Air Pollution, and Brain Health: The Good, the Bad, and the Mixed Bag** D.C. Spencer

#### **Disputes & Debates: Editors' Choice**

- Editors' Note: Cognitive Activity and Onset Age of Incident Alzheimer Disease Dementia
   J.E. Siegler III and S. Galetta
- Reader Response: Cognitive Activity and Onset Age of Incident Alzheimer Disease Dementia
   H. Krauss
- Author Response: Cognitive Activity and Onset Age of Incident Alzheimer Disease Dementia
   R.S. Wilson

#### Correction

171 Clinical Utility of Structural Connectomics in Predicting Memory in Temporal Lobe Epilepsy

#### Department

In the Next Issue of Neurology®

# Are You Ready?

The MACRA's Quality Payment Program is now in effect. Learn about your payment and reporting options under the Merit-based Incentive Payment System (MIPS) and Advanced Alternative Payment Models (APMs) and what you need to know to do now to ensure your highest reimbursement in 2022. Learn more at AAN.com/QPP and sign up to receive timely updates.

# Neurology®

# **98 (4)** *Neurology* 2022;98;e445-171

Updated Information & Services	including high resolution figures, can be found at: http://n.neurology.org/content/98/4.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

This information is current as of January 1, 2022

*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.

