



➔ **Cover Image**

Example of idealized form of seizure with uniform expert agreement. Stylized by Kaitlyn Aman Ramm, Senior Digital Multimedia/Graphics Coordinator.

See page 806

Editorials

799 **Putting the “Big” in Big Data: Learning to Be Just as (Un)certain as a Clinician at EEG**

E. Kaestner and W. Stacey

801 **Seizures and Status Epilepticus in the Intensive Care Unit: Some Paradoxes and Insights**

G.B. Young

803 **Pioglitazone and Lower Risk of Dementia: Will This Change Practice?**

C.J. Maxwell, W. Alkabbani, and S. Yasar

Research Articles: Short Format

Full articles at Neurology.org/N

806 **Interrater Reliability of Expert Electroencephalographers Identifying Seizures and Rhythmic and Periodic Patterns in EEGs**

J. Jing, W. Ge, A.F. Struck, M.B. Fernandes, S. Hong, S. An, S. Fatima, A. Herlopian, I. Karakis, J.J. Halford, M.C. Ng, E.L. Johnson, B.L. Appavu, R.A. Sarkis, G. Osman, P.W. Kaplan, M.B. Dhakar, L.A. Jayagopal, Z. Sheikh, O. Taraschenko, S. Schmitt, H.A. Haider, J.A. Kim, C.B. Swisher, N. Gaspard, M.C. Cervenka, A.A. Rodriguez Ruiz, J.W. Lee, M. Tabaeizadeh, E.J. Gilmore, K. Nordstrom, J.Y. Yoo, M.G. Holmes, S.T. Herman, J.A. Williams, J. Pathmanathan, F.A. Nascimento, Z. Fan, S. Nasiri, M.M. Shafi, S.S. Cash, D.B. Hoch, A.J. Cole, E.S. Rosenthal, S.F. Zafar, J. Sun, and M.B. Westover

📄 Class of Evidence 📄 CME Course 📄 Editorial, p. 799

808 **Development of Expert-Level Classification of Seizures and Rhythmic and Periodic Patterns During EEG Interpretation**

J. Jing, W. Ge, S. Hong, M.B. Fernandes, Z. Lin, C. Yang, S. An, A.F. Struck, A. Herlopian, I. Karakis, J.J. Halford, M.C. Ng, E.L. Johnson, B.L. Appavu, R.A. Sarkis, G. Osman, P.W. Kaplan, M.B. Dhakar, L.A. Jayagopal, Z. Sheikh, O. Taraschenko, S. Schmitt, H.A. Haider, J.A. Kim, C.B. Swisher, N. Gaspard, M.C. Cervenka, A.A. Rodriguez Ruiz, J.W. Lee, M. Tabaeizadeh, E.J. Gilmore, K. Nordstrom, J.Y. Yoo, M.G. Holmes, S.T. Herman, J.A. Williams, J. Pathmanathan, F.A. Nascimento, Z. Fan, S. Nasiri, M.M. Shafi, S.S. Cash, D.B. Hoch, A.J. Cole, E.S. Rosenthal, S.F. Zafar, J. Sun, and M.B. Westover

📄 Editorial, p. 799 📄 Class of Evidence

810 **Comparing Patients With Isolated Seizures and Status Epilepticus in Intensive Care Units: An Observational Cohort Study**

A.S. Wagner, S.M. Baumann, S. Semmlack, A.I. Frei, S. Rüegg, S. Hunziker, S. Marsch, and R. Sutter

📄 Editorial, p. 801

812 **Association Between Neighborhood Socioeconomic Status and 30-Day Mortality and Readmission for Patients With Common Neurologic Conditions**

J.B. Lusk, M.N. Hoffman, A.G. Clark, J. Bae, M.W. Luedke, and B.G. Hammill

814 **Depressive Symptoms and Risk of Acute Stroke: INTERSTROKE Case-Control Study**

R.P. Murphy, C. Reddin, A. Rosengren, C. Judge, G.J. Hankey, J. Ferguson, A. Alvarez-Iglesias, S. Oveisgharan, M. Wasay, C. McDermott, H.K. Iversen, F. Lanas, F. Al-Hussain, A. Czlonkowska, A. Oguz, A. Ogunniyi, A. Damasceno, D. Xavier, A. Avezum, X. Wang, P. Langhorne, S. Yusuf, and M. O'Donnell, for the INTERSTROKE investigators

📄 Infographic

816 **Pioglitazone Use and Reduced Risk of Dementia in Patients With Diabetes Mellitus With a History of Ischemic Stroke**

J. Ha, D.-W. Choi, K.J. Kim, K.Y. Kim, C.M. Nam, and E. Kim

📄 CME Course 📄 Editorial, p. 803

818 **Associations Between CSF Markers of Inflammation, White Matter Lesions, and Cognitive Decline in Individuals Without Dementia**

E.C. Gertje, S. Janelidze, D. van Westen, N. Cullen, E. Stomrud, S. Palmqvist, O. Hansson, and N. Mattsson-Carlgen

OPEN ACCESS

➔ **Ahead of Print Articles and Editorials**

NPub.org/aheadofprint

Continued

820 Sex Hormones and Calcitonin Gene–Related Peptide in Women With Migraine: A Cross-sectional, Matched Cohort Study

B. Raffaelli, E. Storch, L.H. Overeem, M. Terhart, M.P. Fitzek, K.S. Lange, and U. Reuter

OPEN ACCESS [Patient Page](#)

822 Baseline Clinical and Blood Biomarkers in Patients With Preataxic and Early-Stage Disease Spinocerebellar Ataxia 1 and 3

S. Tezenas du Montcel, E. Petit, T. Olubajo, J. Faber, P. Lallemand-Dudek, K. Bushara, S. Perlman, S.H. Subramony, D. Morgan, B. Jackman, H.L. Paulson, G. Öz, T. Klockgether, A. Durr, and T. Ashizawa, for the READISCA Consortium Collaborators

NeuroImages**824 “Glass Eel” Sign in Chikungunya Myelopathy**

P.R. Nobrega, P.H. Junior, G.S. Galdino, D.A. Dias, and J.D.V. Castro

Humanities in Neurology**826 Together**

L. Gutmann

Resident & Fellow Section**828 Clinical Reasoning: A Teenager With Chronic Meningitis—Does Occam’s Razor Apply?**

H. Pavuluri, V. KV, B. Thomas, G.C. Vilanilam, P. Nair, D.A. Narasimhaiah, R. Poyuran, and R.N. Menon

836 Child Neurology: Infantile Biotin Thiamine Responsive Basal Ganglia Disease: Case Report and Brief Review

K. Maney, C. Pizoli, and J.B. Russ

840 Teaching NeuroImage: *ROBO3* Mutation Causing Horizontal Gaze Palsy and Brainstem Malformation

G. Chanda, N. Reddy, R. Konanki, E. Boltshauser, and L. Lingappa

Patient Page**e1849 Migraine and Hormones: A Complex Interaction**

S. Karceski

Disputes & Debates: Editors’ Choice**842 Editors’ Note: Hyperacute Perfusion Imaging Before Pediatric Thrombectomy: Analysis of the Save ChildS Study**

A. Lewis and S. Galetta

842 Reader Response: Hyperacute Perfusion Imaging Before Pediatric Thrombectomy: Analysis of the Save ChildS Study

J.E. Siegler and T.N. Nguyen

843 Author Response: Hyperacute Perfusion Imaging Before Pediatric Thrombectomy: Analysis of the Save ChildS Study

S. Lee

Corrections**844 Association of Endovascular Thrombectomy With Functional Outcome in Patients With Acute Stroke With a Large Ischemic Core****844 Association Between Dietary Habits in Midlife With Dementia Incidence Over a 20-Year Period****844 Normobaric Hyperoxia Combined With Endovascular Treatment for Patients With Acute Ischemic Stroke: A Randomized Controlled Clinical Trial****Department**

In the Next Issue of *Neurology*[®]

Subspecialty Alerts by E-mail!

Customize your online journal experience by signing up for e-mail alerts related to your subspecialty or area of interest. Access this free service by clicking on the “My Alerts” link on the home page. An extensive list of subspecialties, methods, and study design choices will be available for you to choose from—allowing you priority alerts to cutting-edge research in your field!

Neurology[®]

100 (17)
Neurology 2023;100:e1849-844

This information is current as of January 1, 2023

Updated Information & Services

including high resolution figures, can be found at:
<http://n.neurology.org/content/100/17.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.

