

Neurology®

Table of Contents

Volume 86, Number 16, April 19, 2016

Neurology.org

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



IN FOCUS

- 1467 Spotlight on the April 19 Issue
1506 This Week's Neurology® Podcast

EDITORIALS

- 1468 Calming the excitement in ALS
J.D. Glass
1470 EEG and cardiac arrest: Divining prognosis at the bedside
J.W. Britton and D. Greer
1472 Acute stroke trials without informed consent: Toward an evidence-based ethical practice
J. Karlawish and S.Y.H. Kim

ARTICLES

- 1474 A randomized trial of mexiletine in ALS: Safety and effects on muscle cramps and progression
M.D. Weiss, E.A. Macklin, Z. Simmons, A.S. Knox, D.J. Greenblatt, N. Atassi, M. Graves, N. Parziale, J.S. Salameh, C. Quinn, R.H. Brown, Jr., J.B. Distad, J. Trivedi, J.M. Shefner, R.J. Barohn, A. Pestronk, A. Swenson, and M.E. Cudkowicz, for the Mexiletine ALS Study Group
▲ *Editorial, p. 1468*
1482 Standardized EEG interpretation accurately predicts prognosis after cardiac arrest
E. Westhall, A.O. Rossetti, A.-F. van Rootselaar, T. Wesenberg Kjaer, J. Horn, S. Ullén, H. Friberg, N. Nielsen, I. Rosén, A. Åneman, D. Erlinge, Y. Gasche, C. Hassager, J. Hovdenes, J. Kjaergaard, M. Kuiper, T. Pellis, P. Stammet, M. Wanscher, J. Wetterslev, M.P. Wise, and T. Cronberg, on behalf of the TTM-trial investigators
OPEN □ *Editorial, p. 1470*
1491 Medicare Part D payments for neurologist-prescribed drugs
L.B. De Lott, J.F. Burke, K.A. Kerber, L.E. Skolarus, and B.C. Callaghan

- 1499 Longitudinal relationships among biomarkers for Alzheimer disease in the Adult Children Study
C. Xiong, M.S. Jasielec, H. Weng, A.M. Fagan, T.L.S. Benzinger, D. Head, J. Hassenstab, E. Grant, C.L. Sutphen, V. Buckles, K.L. Moulder, and J.C. Morris

- 1507 Brain arterial aging and its relationship to Alzheimer dementia
J. Gutierrez, L. Honig, M.S.V. Elkind, J.P. Mohr, J. Goldman, A.J. Dwork, S. Morgello, and R.S. Marshall
1516 Punctate pattern: A promising imaging marker for the diagnosis of natalizumab-associated PML
J. Hodel, C. Darchis, O. Outteryck, S. Verclytte, V. Deramecourt, A. Lacour, M. Zins, J.-P. Pruvo, P. Vermersch, and X. Leclerc



- 1524 Routine vs extended outpatient EEG for the detection of interictal epileptiform discharges
D.B. Burkholder, J.W. Britton, V. Rajasekaran, R.R. Fabris, P.J. Cherian, K.M. Kelly-Williams, E.L. So, K.C. Nickels, L.C. Wong-Kisiel, T.D. Lagerlund, G.D. Cascino, G.A. Worrell, and E.C. Wirrell
BOOK

CLINICAL IMPLICATIONS OF NEUROSCIENCE RESEARCH

- 1531 Intrinsic circuits of the striatum: Complexity and clinical correlations
E.E. Benarroch
BOOK

VIEWS & REVIEWS

- 1543 Effect of waivers of consent on recruitment in acute stroke trials: A systematic review
W.B. Feldman, A.S. Kim, S.A. Josephson, D.H. Lowenstein, and W. Chong
Editorial, p. 1472

CLINICAL/SCIENTIFIC NOTES

- 1552 Huntington disease among the Navajo: A population-based study in the Navajo Nation
P.H. Gordon, J.M. Mehal, A.S. Rowland, J.E. Cheek, and M.L. Bartholomew

CONTINUED

- 1553 CNS demyelination and enhanced myelin-reactive responses after ipilimumab treatment
Y. Cao, A. Nylander, S. Ramanan, B.A. Goods, G. Ponath, R. Zabad, V.L.S. Chiang, A.O. Vortmeyer, D.A. Hafler, and D. Pitt

- 1556 Global cerebral edema from hypercapnic respiratory acidosis and response to hyperosmolar therapy
D. Roh, A.E. Merkler, F. Al-Mufti, N. Morris, S. Agarwal, J. Claassen, and S. Park



- 1558 Comment: Revisiting Lassen cerebral blood flow constancy with hysteresis and 3D
G. Kapinos and H. Sy

NEUROIMAGES

- 1559 Radial nerve torsion
D. Samarawickrama, A.K. Therimadasamy, S.J. Sebastian, and E.P. Wilder-Smith

VIDEO NEUROIMAGES

- 1561 Fosphenytoin-induced dyskinesias in an infant with Sturge-Weber syndrome
D.M. Thodeson, D.C. Reiber, A.M. Dolce, and D. Sirsi



RESIDENT & FELLOW SECTION

- e168 Clinical Reasoning: Proptosis, headache, and fever in a healthy young woman
J. Orquera, D.A. Godoy, R. Behrouz, A. Rabinstein, and M. Di Napoli

- e173 Clinical Reasoning: A young man with acute encephalopathy, loss of vision, and upper motor neuron signs
H. Elkhider, B. Mesraoua, W. Ibrahim, S. Vattoth, S. Abbas, and D. Deleu

- e177 Teaching NeuroImages: Red ear syndrome
D. Kalladka, M. Paul, and A. Tyagi

- e179 Teaching Video NeuroImages: Slow upward ocular bobbing
M.W. Ruff and J.E. Fugate



WRITECLOUD® EDITOR'S CHOICE

- 1563 Retinitis pigmentosa in Lafora disease: Expanding findings of progressive myoclonic epilepsy
S. Carpenter; Author Response: W.B.V.d.R. Pinto, P.V.S.d. Souza, A.S.B. Oliveira

- 1563 WriteClick: Neuropsychological outcome after deep brain stimulation for Parkinson disease
J. Massano; Author Response: J.M. Bronstein

DEPARTMENT

In the Next Issue of *Neurology®*

 Podcast at Neurology.org  CME  Video  Patient Page  LOE classification  LOE recommendation

 tinyurl.com/neurologyfan  twitter.com/GreenJournal



Cover image: An example of phenotypic expression of brain arterial aging in a patient with Alzheimer disease. Stylized by Cindy Abair, *Neurology* Senior Graphics Editor. See page 1507.

Look for Publish Ahead of Print articles and editorials under the Ahead of Print tab at Neurology.org