

EDITORIALS

- 817 From paroxysmal to chronic pain in trigeminal neuralgia: Implications of central sensitization
James C. Watson
- 819 Telemedicine for acute stroke: When virtual is as good as reality
Steven R. Levine and Kenneth M. McConnochie

ARTICLES

- 821 Zolmitriptan nasal spray in the acute treatment of cluster headache: A double-blind study
A.M. Rapoport, N.T. Mathew, S.D. Silberstein, D. Dodick, S.J. Tepper, F.D. Sheftell, and M.E. Bigal
Rapoport et al. performed a double-blind, placebo-controlled, multicenter trial showing that zolmitriptan nasal spray at 5 and 10 mg was superior to placebo for cluster headache relief at 30 minutes. The 10-mg dose worked in 63.3% of patients starting at 10 minutes post dose.
CME
- 827 Motor cortex stimulation for pain control induces changes in the endogenous opioid system
J. Maarrawi, R. Peyron, P. Mertens, N. Costes, M. Magnin, M. Sindou, B. Laurent, and L. Garcia-Larrea
- 835 Impaired trigeminal nociceptive processing in patients with trigeminal neuralgia
M. Obermann, M.-S. Yoon, D. Ese, M. Maschke, H. Kaube, H.-C. Diener, and Z. Katsarava
EDITORIAL 817
- 842 Morphometric fingerprint of asymptomatic *Parkin* and *PINK1* mutation carriers in the basal ganglia
F. Binkofski, K. Reetz, C. Gaser, R. Hilker, J. Hagenah, K. Hedrich, T. van Eimeren, A. Thiel, C. Büchel, P.P. Pramstaller, H.R. Siebner, and C. Klein
Binkofski et al. found that voxel-based morphometry revealed a bilateral increase in striatal gray matter volume in asymptomatic *Parkin* and *PINK1* mutation carriers. In asymptomatic heterozygous *Parkin* mutation carriers, presynaptic striatal 18F-DOPA uptake demonstrated a linear negative correlation to the striatal gray matter volume, indicating a possible presymptomatic compensation.

- 851 Volumetric brain changes in females with fragile X-associated tremor/ataxia syndrome (FXTAS)
J.S. Adams, P.E. Adams, D. Nguyen, J.A. Brunberg, F. Tassone, W. Zhang, K. Koldewyn, S.M. Rivera, J. Grigsby, L. Zhang, C. DeCarli, P.J. Hagerman, and R.J. Hagerman
- 860 Investigations of face expertise in the social developmental disorders
J.J.S. Barton, R.L. Hefter, M.V. Cherkasova, and D.S. Manoach
- 871 What does fluorodeoxyglucose PET imaging add to a clinical diagnosis of dementia?
W. Jagust, B. Reed, D. Mungas, W. Ellis, and C. DeCarli
- 878 Statin therapy is associated with reduced neuropathologic changes of Alzheimer disease
G. Li, E.B. Larson, J.A. Sonnen, J.B. Shofer, E.C. Petrie, A. Schantz, E.R. Peskind, M.A. Raskind, J.C.S. Breitner, and T.J. Montine
In this controlled randomized study, Blanco et al. investigated the influence of statin pretreatment and its withdrawal on the outcome of patients with acute ischemic stroke. Statin withdrawal was associated with increased risk of death or dependency at 90 days.
PatientPage
- 886 In-hospital mortality of generalized convulsive status epilepticus: A large US sample
Mohamad Koubeissi and Amer Alshekhlee
- 894 Status epilepticus as initial manifestation of posterior reversible encephalopathy syndrome
O.S. Kozak, E.F.M. Wijdicks, E.M. Manno, J.T. Miley, and A.A. Rabinstein
- 898 Long-term outcome after thrombolysis in telemedical stroke care
S. Schwab, B. Vatankhah, C. Kukla, M. Hauchwitz, U. Bogdahn, A. Fürst, H.J. Audebert, and M. Horn, On behalf of the TEMPiS Group
EDITORIAL 819

CONTINUED

- 904 Statin treatment withdrawal in ischemic stroke:
A controlled randomized study
*M. Blanco, F. Nombela, M. Castellanos,
M. Rodriguez-Yáñez, M. García-Gil, R. Leira,
I. Lizasoain, J. Serena, J. Vivancos, M.A. Moro,
A. Dávalos, and J. Castillo*
CME
- 911 Homoplasmy, heteroplasmy, and mitochondrial
dystonia
*R. McFarland, P.F. Chinnery, E.L. Blakely,
A.M. Schaefer, A.A.M. Morris, S.M. Foster,
H.A.L. Tuppen, V. Ramesh, P.J. Dorman, D.M. Turnbull,
and R.W. Taylor*
- 917 Brain MRI in mucopolysaccharidosis: Effect of aging
and correlation with biochemical findings
*L. Vedolin, I.V.D. Schwartz, M. Komlos, A. Schuch
A.C. Azevedo, T. Vieira, F.K. Maeda,
A.M. Marques da Silva, and R. Giugliani*

CLINICAL/SCIENTIFIC NOTES

- 925 Superficial siderosis and CSF hypovolemia:
The defect (dural) in the link
*N. Kumar, A. McKeon, A.A. Rabinstein, P. Kalina,
J.E. Ahlskog, and B. Mokri*
- 926 Apraxic agraphia following a right cerebellar
hemorrhage
*P. Mariën, J. Verhoeven, R. Brouns, L. De Witte,
A. Dobbelier, and P.P. De Deyn*
- 929 Lead poisoning from the beauty case: Neurologic
manifestations in an elderly woman
*F. Fluri, P. Lyrer, A. Gratwohl, A.E. Raetz-Bravo,
and A.J. Steck*

REFLECTIONS: NEUROLOGY AND THE HUMANITIES

- 931 The case of the colorless crystals
Robert J. Joynt

NEUROIMAGES

- 936 Intratumoral hemorrhage after thrombolysis in a
patient with glioblastoma multiforme
Sean A. Grimm, and Lisa M. DeAngelis

CORRESPONDENCE

- 937 Comparison of levetiracetam and controlled-release
carbamazepine in newly diagnosed epilepsy
*To the Editors: N.K. Sethi, J. Torgovnick, and
E. Arsura. Reply from the Authors: M.J. Brodie,
E. Perucca, P. Ryvlin, E. Ben-Menachem,
and H.-J. Meenche*
- 938 Longitudinal follow-up of "benign" multiple sclerosis at
20 years
*To the Editors: Maria Pia Amato, and
Nicola De Stefano. Reply from the Authors:
H.L. Tremlett, A.-L. Sayao, and V. Devonshire*
- 939 Effect of referral bias on assessing survival in ALS
*To the Editors: G. Logroscino, E. Beghi, O. Hardiman,
A. Chio, J.D. Mitchell, R.J. Swingler, and B. Traynor, for
EURALS. Reply from the Authors: E.J. Sorenson,
J. Mandrekar, B. Crum, and J. Clarke Stevens*
- 940 Jack Ruby
*To the Editor: Robert L. Weinmann. Reply from the
Editor: Ludwig Gutmann*

RESIDENT & FELLOW SECTION

- E6 Teaching NeuroImage: Cryptococcal brain
pseudocysts in an immunocompetent patient
J. Scozzafava, H. Block, N. Asdaghi, and Z.A. Siddiqi

PATIENT PAGE

- E8 Does statin use decrease the amount of Alzheimer
disease pathology in the brain?
Lisa C. Silbert

DEPARTMENTS

- 942 Books Received
944 Calendar
946 In the Next Issue