

Robert A. Gross, MD, PhD, FAAN, Editor-in-Chief, *Neurology*[®]

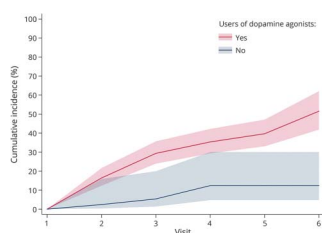


Notable in *Neurology* this week

This issue features an article that investigates the possibility of increased incidence of depression and suicide ideation in patients with Huntington disease using tetrabenazine, and another that explores the association of cross-sectional and longitudinal gray matter volume changes with clinical characteristics and disease activity in patients with migraine. A featured Views & Reviews critically assesses the US Food and Drug Administration's approval of earlier deep brain stimulation for patients with advanced Parkinson disease.

Articles

Longitudinal analysis of impulse control disorders in Parkinson disease



The longitudinal dose relationship of dopaminergic therapy to impulse control disorders (ICDs) lacked estimation in Parkinson disease (PD). In this study, the incidence of ICDs reached 51% in dopamine agonist ever users, with a strong dose and treatment duration association, and no strong association with levodopa. ICDs must be monitored in patients with PD.

Page 111

From editorialists Boylan & Kostić: "Practice change in medicine, as in other areas, can be like turning a cruise ship, but this study may help give a little push to the boat."

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Outcome after seizure recurrence on antiepileptic drug withdrawal following temporal lobectomy

The authors studied long-term outcome following seizure recurrence during antiepileptic drug (AED) withdrawal after temporal lobectomy. The majority (86%) of patients became seizure-free and 19% became AED-free. FND20 score (febrile seizures, normal postoperative EEG, duration of epilepsy <20 years) predicts risk of seizure recurrence on AED withdrawal.

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Effects of centralizing acute stroke services: A prospective cohort study

Centralization of stroke services to a few collaborating acute units undertaking diagnostics, revascularization, and guideline-supported care appears efficient. Centralization reduced length of acute hospital stay without compromising quality of care. Reorganizing stroke services is a feasible avenue for ensuring efficiency and a high standard of care for patients with stroke.

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MORE ONLINE

🎧 Editor's Summary

Audio summary of highlighted articles.

NPub.org/edsum

Continued

Independent home use of a brain-computer interface by people with amyotrophic lateral sclerosis

A noninvasive brain-computer interface suitable for independent home use can restore simple communication and control capacities to patients who are severely disabled by amyotrophic lateral sclerosis or another neuromuscular disorder. Appropriate patient selection is important, a committed caregiver is essential, and modest technical support is needed.

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From editorialists Birbaumer & Hochberg: "Much like people with Parkinson disease who make a personalized risk-benefit assessment when considering deep brain stimulation, the same eventually will be true for people with paralysis selecting from a spectrum of (brain-computer interface) options."

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NB: "Siblings with infantile epilepsy and developmental delay: A circuitous path to genomic diagnosis," p. 143. To check out other Resident & Fellow Child Neurology articles, point your browser to Neurology.org/N and click on the link to the Resident & Fellow Section. At the end of the issue, check out the Clinical/Scientific Note discussing the characterization of the ocular phenotype in patients with genetically confirmed Lafora disease, and the possible identification of ophthalmologic biomarkers. This week also includes a Video NeuroImage titled "Gelasttic attack in a child with moyamoya disease."

NEW EPISODE



July 17, 2018

CME Opportunity:

Listen to this week's *Neurology* Podcast and earn 0.5 AMA PRA Category 1 CME Credits™ by answering the multiple-choice questions in the online Podcast quiz.

Longitudinal analysis of impulse control disorders in Parkinson disease (see p. 111)

1. Featured Article: Longitudinal analysis of impulse control disorders in Parkinson disease
2. What's Trending: Frontiers in Neuroscience plenary interview from 2018 Annual Meeting

This podcast begins and closes with Dr. Robert Gross, Editor-in-Chief, briefly discussing highlighted articles from the July 17, 2018, issue of *Neurology*. In the first segment, Dr. Jason Crowell talks with Dr. Alexis Elbaz about his paper on impulse control disorders in Parkinson disease. In the second part of the podcast, Dr. Alberto Espay focuses his interview with Dr. Jeff Lichtman on connectomics.

Disclosures can be found at Neurology.org.

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Spotlight on the July 17 issue

Robert A. Gross

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