

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



Notable in *Neurology* this week

This issue features an article that evaluates the cost-effectiveness of neuromuscular ultrasound for the evaluation of focal neuropathies; another determines that former athletes with multiple concussions are at an increased risk of elevated levels of CSF t-tau. A featured Views & Reviews article examines the quality of patient-reported outcome measures in patients with aneurysmal subarachnoid hemorrhage.

Articles

Carotid plaques and detection of atrial fibrillation in embolic stroke of undetermined source

The identification of the underlying cause in patients with embolic strokes of undetermined source (ESUS) is challenging. In this study, atrial fibrillation was less frequently detected in ESUS patients with ipsilateral nonstenotic carotid plaques compared to those without. This evidence may assist the diagnostic strategy in patients with ESUS.

Page 1084

Lower carotid revascularization rates after stroke in racial/ethnic minority-serving US hospitals

Racial/ethnic minority patients cluster at a few primarily minority-serving hospitals. In this retrospective cross-sectional study, patients receiving care at primarily minority-serving hospitals had lower odds of carotid revascularization after stroke due to carotid stenosis, independent of individual patient race/ethnicity. Care location is an important contributor to racial disparities in carotid revascularization after stroke.

Page 1085

From editorialist Morgenstern: "The travesty of unequal care that Martin Luther King recognized 53 years ago is still pervasive today. Will you consider spending just an hour a week to help solve the problem?"

Page 1077

Assessing for interaction between APOE ϵ 4, sex, and lifestyle on cognitive abilities

APOE ϵ 4 is a risk factor for cognitive decline and dementia: does it increase vulnerability to lifestyle risk factors in the UK Biobank? The authors' findings suggest a direct link with cognition, rather than increased vulnerability. This is the largest study yet of APOE ϵ 4 and cognition, and modifiers of that relationship.

Page 1089

MORE ONLINE

🎧 Editor's Summary

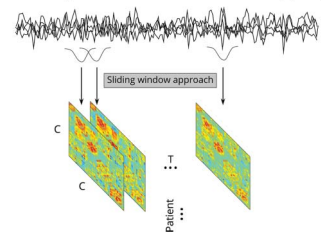
Audio summary of highlighted articles.

[NPub.org/edsum](https://www.neurology.org/edsum)

Continued

Abnormal thalamocortical network dynamics in migraine

Estimate dynamic functional network connectivity (dFNC)



This study highlights the importance of thalamocortical dysfunction in migraine pathophysiology. The authors identified a transient pathologic state with disturbed functional connectivity between the thalamus and visual cortex/precuneus in migraine. Investigating temporal properties of brain networks may provide insights for the pathophysiology of neurologic disorders.

Page 1091

NB: "Peripheral synucleinopathy in a DJ1 patient with Parkinson disease, cataracts, and hearing loss," p. 1113. To check out other Clinical/Scientific Notes, point your browser to Neurology.org/N. At the end of the issue, check out the Resident & Fellow Pearls & Oysters article discussing the presentation of CAA-related inflammation as subacute cognitive decline in a patient with Parkinson disease. This week also includes a Resident & Fellow Teaching Video NeuroImage titled "Cold-induced laryngeal pseudomyotonia in Isaacs syndrome."

NEW EPISODE



June 4, 2019

🎧 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.

The FOUR score as a predictor of outcome in adults with bacterial meningitis (see the May 28, 2019, issue of *Neurology*®)

1. The FOUR score as a predictor of outcome in adults with bacterial meningitis
2. What's Trending: Opioid prescribing and response to the CDC guidelines

In the first segment, Dr. David Lapidus talks with Dr. C.N. van Ettehoven about the FOUR score as a predictor of outcome in adults with bacterial meningitis (from the May 28, 2019, issue of *Neurology*). In the second part of the podcast, Dr. Jason Crowell focuses his talk with Dr. Deborah Dowell on her NEJM perspective article looking at opioid prescribing and response to the CDC guidelines. Dr. Dowell's paper is available online at <https://www.nejm.org/doi/full/10.1056/NEJMp1904190>.

Disclosures can be found at Neurology.org.

Neurology®

Spotlight on the June 4 issue

Robert A. Gross

Neurology 2019;92;1073-1074

DOI 10.1212/WNL.0000000000007599

This information is current as of June 3, 2019

Updated Information & Services

including high resolution figures, can be found at:
<http://n.neurology.org/content/92/23/1073.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 © 2019 American Academy of Neurology. All rights reserved. Print ISSN: 0028-3878. Online ISSN: 1526-632X.

