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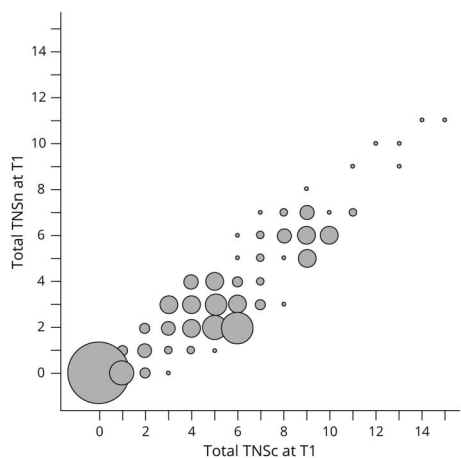


Notable in *Neurology* This Week

This issue features an article that examines the long-term clinical benefits of RAF and MEK inhibitors in adult patients with *BRAF* V600–mutant glial and glioneuronal tumors; another looks at the association between poverty exposure duration and cognitive function decline among older adults in China. A featured Special Article presents the American Academy of Neurology’s position statement in support of telehealth and its intention to advocate for increased access to, insurance coverage of, and research regarding telehealth.

Research Articles

Prospective Evaluation of Health Care Provider and Patient Assessments in Chemotherapy-Induced Peripheral Neurotoxicity



This prospective study found that it is feasible to reliably assess the peripheral neurotoxicity of anti-cancer treatments through patient questionnaires and nurse-assessed scales. The findings may be used to improve daily clinical practice and clinical trials that investigate chemotherapy-induced peripheral neurotoxicity, one of the most serious neurologic complications in patients with cancer.

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MORE ONLINE

COVID-19 Resources

For the latest articles, invited commentaries, and blogs from physicians around the world

[NPub.org/COVID19](https://www.neurology.org/COVID19)

Association of Metabolic Syndrome and Its Components With Risk of Stroke Recurrence and Mortality: A Meta-analysis

Patients with metabolic syndrome have a higher risk of stroke recurrence. This meta-analysis of 13 cohort studies enrolling 59,919 participants over age 60 found that metabolic syndrome and its components were associated with stroke recurrence. Metabolic syndrome, but not any of its individual components, was associated with all-cause mortality.

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Recovery and Prediction of Bimanual Hand Use After Stroke

This study investigated predictors of bimanual hand use recovery after stroke. The Fugl-Meyer Assessment score, including rated shoulder abduction and finger extension, was the strongest overall predictor of both unimanual and bimanual motor recovery. Corticospinal tract damage and early sensory and cognitive impairment were also important predictors of bimanual recovery.

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Continued

Epidemiology of Epilepsy in Nigeria: A Community-Based Study From 3 Sites

This multisite, door-to-door survey estimated the prevalence, incidence, and risk factors of epilepsy in Nigeria. It identified variation in the estimates between sites, with higher estimates in northern Nigeria. This variability is likely driven by differences in risk factors and should instruct the deployment of measures to prevent epilepsy.

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From editorialists Patel and Birbeck: “[I]n addition to age-stratified prevalence and incidence data, some of the most important findings of this study are the insights provided into population-based risk factors for epilepsy...”

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NB: “*Training in Neurology: Implementation and Evaluation of an Objective Structured Clinical-Examination Tool for Neurology Postgraduate Trainees in Lusaka, Zambia,*” p. e750. To check out other Resident & Fellow Section Training in Neurology articles, point your browser to [Neurology.org/N](https://www.neurology.org/N) and click on the link to the Resident & Fellow Section. At the end of the issue, check out the NeuroImages article discussing noncirrhotic congenital portosystemic shunts causing hyperammonemic encephalopathy. This week also includes a Resident & Fellow Section Teaching Video NeuroImage titled “Shedding Light on Sunflower Syndrome.”

NEW EPISODE



August 17, 2021

Patient Perceptions of FDA Approval: Gaps in Education or Variation in Values? (see the August issue of *Neurology® Clinical Practice*)

In the first segment, Dr. Jason Crowell talks with Dr. Paul Ford about patient perceptions of the FDA approval process for disease-modifying therapies in people living with multiple sclerosis. In the second part of the podcast, Dr. Teshamae Monteith discusses the management of cerebral aneurysm with Dr. Dileep Yavagal in the third installment of our four-part series on thunderclap headache.

Disclosures can be found at [Neurology.org](https://www.neurology.org).

No CME this week: Interviews based on articles from *Neurology: Clinical Practice*, *Neurology® Genetics*, and *Neurology® Neuroimmunology & Neuroinflammation* are excluded from the CME program.

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Spotlight on the August 17 Issue

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