In Focus

Spotlight on the May 10 Issue

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Notable in *Neurology*

This issue features an article assessing the efficiency of target-enrichment next-generation sequencing in inherited polyneuropathy and another investigating the effects of a rotigotine patch on periodic limb movement-associated nocturnal systolic blood pressure elevations. A featured article evaluates the performance of the PROMIS physical function scale in comparison to the validated Stroke Impact Scale-16 in ischemic stroke patients treated at an ambulatory cerebrovascular clinic.

ARTICLES

Myo-inositol changes precede amyloid pathology and relate to APOE genotype in Alzheimer disease [OPEN](#)

The authors demonstrate early involvement of brain myo-inositol in Alzheimer disease progression, emphasizing its ability to detect the genetic effect of APOE in asymptomatic individuals. At early predementia stages, incipient Alzheimer disease pathology was responsible for magnetic

resonance spectroscopy metabolite abnormalities.

See p. 1754

From editorialists Kantarci & Goldberg: "Perhaps the most intriguing finding was in individuals who do not have cognitive symptoms or Alzheimer disease biomarker abnormalities. In those who do not have any evidence of CSF biomarker abnormalities of Alzheimer disease, myo-inositol levels were higher in APOE ϵ 4 allele carriers compared to the noncarriers."

See p. 1750

Aspirin resistance is associated with increased stroke severity and infarct volume

Patients with high residual platelet reactivity on aspirin may have more severe strokes than those responding to the drug. Specifically, these associations were apparent in patients with larger atherosclerotic burden. These findings may determine the antiplatelet treatment in patients taking aspirin at the time of their index stroke.

See p. 1808

CONTEMPORARY ISSUES: INNOVATIONS IN EDUCATION

A call for formal telemedicine training during stroke fellowship

Formal telestroke education may help neurologists meet an alarmingly increasing demand for acute stroke coverage. The authors found that incorporating telestroke instruction into fellowship was feasible, safe, and satisfactory for former fellows. Training programs should consider developing formal telemedicine training to expand quality acute stroke care in areas underserved by neurologists.

See p. 1827; Comment p. 1832

VIEWS & REVIEWS

Definition and diagnostic criteria of sleep-related hypermotor epilepsy [OPEN](#)

Disagreement persists about the core electroclinical features and spectrum of etiologies involved in nocturnal frontal lobe epilepsy. A consensus conference refined the clinical, neurophysiologic, and genetic boundaries of this disorder. Based on these data, they recommended that the name be changed to sleep-related hypermotor epilepsy.

See p. 1834

NB: "Practice guideline update summary: Botulinum neurotoxin for the treatment of blepharospasm, cervical dystonia, adult spasticity, and headache," p. 1818. To check out other AAN Special Articles, point your browser to Neurology.org. At the end of the issue, check out the *NeuroImage* discussing ictal water-seeking in nondominant temporal lobe seizures. This week also includes a Humanities poem titled "Default mode."

Podcasts can be accessed at Neurology.org

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