José G. Merino, MD, MPhil, Editor-in-Chief, *Neurology*[®]

Notable in *Neurology* This Week

This issue features an article that investigates the association between age at onset and brain gray matter volume and white matter microstructural abnormalities in patients with multiple sclerosis; another examines whether physician–scientists who maintain sustained research topic and method focus throughout their career have a greater likelihood of research career success. This issue also includes a practice guideline summary on dopaminergic therapy for motor symptoms in patients with early Parkinson disease prepared by the Guideline Subcommittee of the American Academy of Neurology.

Research Articles

Relevance of Brain Regions' Eloquence Assessment in Patients With a Large Ischemic Core Treated With Mechanical Thrombectomy

Patients with a large ischemic core were excluded from most thrombectomy trials, yet some may benefit from the intervention. The results of this modeling study found that the functional eloquence of ischemic tissue is an important determinant of outcome following revascularization in these patients.

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From editorialists Sajja and Male: "This study is important to clinical practice as it provides a fairly simple means of better selection and possibly better prognostication for large ischemic core stroke."

Page 927

Preoperative REM Sleep Behavior Disorder and Subthalamic Nucleus Deep Brain Stimulation Outcome in Parkinson Disease 1 Year After Surgery

Researchers reviewed quality of life outcomes in patients with Parkinson disease with REM sleep behavior disorder (RBD) 1 year after subthalamic deep brain stimulation. The patients with RBD showed no difference in motor, cognitive, or global quality of life outcomes compared to those without.

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Continued

Teaching the Neurologic Examination: A Prospective Controlled Study to Compare a Blended Learning Approach With Face-to-Face Instruction

This study enrolled fourth-year medical students to compare 2 methods to teach the neurologic examination: 2 face-to-face sessions vs a combination of a course handbook, video clips, and a single in-person encounter. Despite having less attendance time, those assigned to the blended approach performed slightly better on an objective structured examination.

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NB: “Becoming an Editor-in-Chief,” p. e2046. To check out other Resident & Fellow Section Emergent Subspecialties 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 Resident & Fellow Section Teaching Video NeuroImages article discussing generalized and multifocal myoclonus in a patient with sialidosis type 1. This week also includes a Resident & Fellow Section Clinical Reasoning article titled “A 59-Year-Old Man With Progressive Proximal Weakness Since Childhood.”

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Spotlight on the November 16 Issue

José G. Merino

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