



# In Focus

## Spotlight on the October 4 Issue

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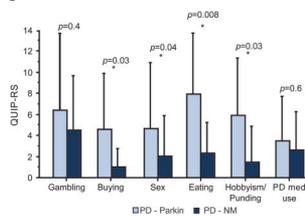


### Notable in *Neurology*

This issue features an article that elucidates the clinical and genetic characteristics of presynaptic congenital myasthenic syndrome secondary to biallelic variants in *SLC18A3*, and another article that investigates the efficacy of multiday repetitive transcranial magnetic stimulation to the occipital cortex for hallucinations following occipital stroke. A featured article determines the associations between cerebral microbleed burden with recurrent ischemic stroke and intracerebral hemorrhage risk after TIA.

### ARTICLES

#### Impulsive-compulsive behaviors in parkin-associated Parkinson disease



Patients with early-onset Parkinson disease carrying the *parkin* mutation have more frequent and severe behavioral disturbances. In this study, a higher frequency and severity of compulsive shopping, binge eating, and punding occurred

in patients with *parkin* mutation. Impulsive-compulsive behavior is part of the clinical spectrum of *parkin*-associated Parkinson disease.

**See p. 1436**

From editorialists Lynch & Fujioka: "Morgante's article highlights the urgent need for similar articles in the field of neurogenetics, which up to now have been hampered by inadequate clinical description in the genetic literature and inadequate molecular genetic information in the neurology literature. Clear genotype-phenotype descriptions and correlations could guide and steer the forthcoming tidal wave of precision medicine."

**See p. 1426**

#### Hormone therapy use and physical quality of life in postmenopausal women with multiple sclerosis

In this study, participants with multiple sclerosis (MS) who were taking systemic hormone therapy reported better physical functioning. These findings suggested that systemic hormone therapy provides better physical quality of life in postmenopausal women with MS. Further studies are needed to investigate causality.

**See p. 1457, Editorial p. 1430**

#### Adiposity and ischemic and hemorrhagic stroke: Prospective study in women and meta-analysis

The authors compared associations of body mass index with ischemic stroke and hemorrhagic stroke using the Cox regression to estimate adjusted relative risks. In middle-aged women followed for 11 years, higher body mass index was associated with increased risk of ischemic stroke, but decreased risk of hemorrhagic stroke.

**See p. 1473**

From editorialists Rexrode & Rundek: "The discussion over the existence of the obesity paradox, especially if defined by body mass index, should not underestimate the importance of obesity as a risk factor for stroke, cerebrovascular disease, and metabolic diseases, which requires far-reaching management and prevention."

**See p. 1432**

#### Sleep disturbances and cognitive decline in the Northern Manhattan Study

The authors evaluated sleep disturbance measures (snoring, daytime sleepiness, and sleep duration) and their possible association with the cognitive domains of executive function, processing speed, language, and memory. Their findings identified sleep-related markers of neurocognitive disorders and affected cognitive domains, which may serve as intervention targets in future treatment studies.

**See p. 1511**

NB: "Influence of the referential framework in the human pursuit coding system," p. 1517. To check out other Clinical/Scientific Notes, point your browser to [Neurology.org](http://Neurology.org). At the end of the issue, check out the *NeuroImages* discussing bilateral injury of the superior longitudinal fasciculus in a patient with Balint syndrome and a reversible severe gait disorder. This week also includes a Resident & Fellow Right Brain article titled "Concussion (film): Review and historical context."

Podcasts can be accessed at [Neurology.org](http://Neurology.org)

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