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Notable in *Neurology* This Week

This issue features an article that compares the 2017 and 2010 versions of the McDonald criteria for predicting incident clinically definite multiple sclerosis diagnosis in patients presenting with a clinically isolated syndrome. A featured Special Article provides updated quality guidelines for treating painful diabetic neuropathy.

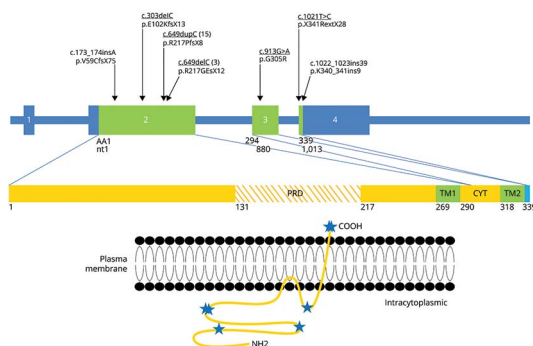
Research Articles

Association Between Antemortem FLAIR White Matter Hyperintensities and Neuropathology in Brain Donors Exposed to Repetitive Head Impacts

In this study of 75 brain donors exposed to repetitive head impacts, white matter hyperintensities (WMH) on MRI correlated with white matter rarefaction, arteriolosclerosis, and p-tau severity at autopsy; with years of football play; and with reported symptoms. WMH on MRI might have unique risk factors and multifactorial etiologies in people exposed to repetitive head impacts.

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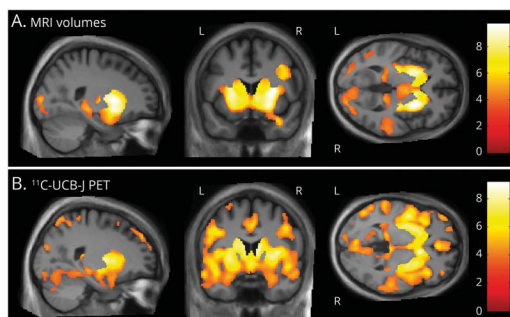
Hemiplegic Migraine Associated With *PRRT2* Variations: A Clinical and Genetic Study



This study of 860 unrelated patients confirms the implication of *PRRT2* in hemiplegic migraine, with a similar frequency as *SCN1A*, and less frequently than *ATP1A2* and *CACNA1A*. *PRRT2* screening for point variations and large deletions is recommended in patients with sporadic or familial hemiplegic migraine.

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Fatigue in Patients With Multiple System Atrophy: A Prospective Cohort Study



There is limited knowledge regarding fatigue in multiple system atrophy (MSA). This prospective cohort study highlights that fatigue is prevalent and persistent in MSA, so attention should be paid to it in clinical work. The researchers demonstrated that orthostatic hypotension and anxiety are associated with fatigue in MSA.

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Continued

Synaptic Damage and Its Clinical Correlates in People With Early Huntington Disease: A PET Study

The authors assessed synaptic damage and its clinical correlates in patients with early Huntington disease (HD). ^{11}C -UCB-J PET demonstrated presynaptic terminal damage, which spread from the striatum in the premanifest phase to extrastriatal regions in early manifest HD and correlated with motor decline. The results suggest that presynaptic damage is widespread in early HD.

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NB: "A 56-Year-Old Man With Unusual Presentation of Subacute Encephalopathy and Seizure," p. e95. To check out other Resident & Fellow Section Clinical Reasoning 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 NeuroImage discussing bilateral nucleus tractus solitarius in a patient with respiratory failure and another on bilateral middle cerebellar peduncle stroke. This week also includes a Resident & Fellow Section Training in Neurology article titled "Resident Perception of the Utility and Applicability of Global Neurology Morning Reports."

NEW EPISODE

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Spotlight on the January 4 Issue

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