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Notable in *Neurology* this week

This issue features an article that explores whether an association exists between REM sleep behavior disorder and motor and cognitive decline in Parkinson disease; another article characterizes the pain-related presentation of patients with mild traumatic brain injury. A featured article investigates the spatial heterogeneity of white matter lesions or hyperintensities.

Articles

Driving impairment and crash risk in Parkinson disease: A systematic review and meta-analysis

Evidence indicates Parkinson disease is linked to impaired driving, and underlines the need for careful monitoring. This meta-analysis found substantial driving impairment in patients with Parkinson disease, but no increase in self-reported crashes. Degradation of driving skills in patients with Parkinson disease may not inevitably compromise safe driving.

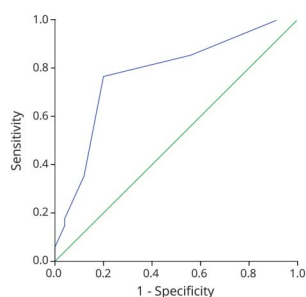
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Oxidized low-density lipoprotein predicts recurrent stroke in patients with minor stroke or TIA

Oxidized low-density lipoprotein (oxLDL) is an important contributing factor of atherosclerotic lesions; however, its role in prediction of recurrent stroke remains unclear. In this study, elevated oxLDL levels were independently associated with recurrent stroke in patients with minor stroke or TIA. Lowering the level of oxLDL in plasma may reduce the risk of recurrent stroke.

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Utilizing semantic intrusions to identify amyloid positivity in mild cognitive impairment



Interference and learning (Loewenstein-Acevedo Scales of Semantic Interference and Learning [LASSI-L]) is sensitive to preclinical Alzheimer disease (PC-AD). PC-AD participants with high amyloid burden can be differentiated from patients with other etiologic diagnoses. The association of the LASSI-L with amyloid positivity is useful in the clinical evaluation of PC-AD and for clinical trial recruitment.

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MORE ONLINE

🎧 Editor's Summary

Audio summary of highlighted articles.

NPub.org/edsum

Continued

Immune checkpoint inhibitor-related myositis and myocarditis in patients with cancer

As the use of checkpoint inhibitors in cancer increases, data for a better recognition of inflammatory myopathy is needed. The authors identified proximal weakness, pseudomyasthenic syndrome, elevated serum creatine kinase levels, and multifocal necrotizing myopathy with endomysial inflammation as the central features of inhibitor-related myositis. Recognizing inhibitor-related myositis is mandatory to secure prompt treatment.

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NB: "Rare etiology for splenium of corpus callosum infarction: Anterior cerebral artery dissecting aneurysm," p. 481. To check out other NeuroImages, point your browser to Neurology.org/N. At the end of the issue, check out the Clinical/Scientific Note that delves into the evidence for bias in observational studies on spinal cord injury. This week also includes a Resident & Fellow Section Opinion and Special Article titled "Pain medicine: A case for neurologists."

NEW EPISODE



September 4, 2018

📍 CME Opportunity:

Listen to this week's *Neurology* Podcast and earn 0.5 AMA PRA Category 1 CME Credits™ by answering the multiple-choice questions in the online Podcast quiz.

Practice guideline update recommendations summary: Disorders of consciousness: Report of the Guideline Development, Dissemination, and Implementation Subcommittee of the American Academy of Neurology; the American Congress of Rehabilitation Medicine; and the National Institute on Disability, Independent Living, and Rehabilitation Research (see p. 450)

1. Practice guideline update recommendations summary: Disorders of consciousness
2. Multiscale Analysis of Independent Alzheimer's Cohorts Finds Disruption of Molecular, Genetic, and Clinical Networks by Human Herpesvirus (Readhead B, Haure-Mirande J-V, Funk CC, et al. *Neuron* 2018;99:64-82. doi.org/10.1016/j.neuron.2018.05.023)

In the first segment, Dr. Jeff Burns talks with Dr. Joseph Giacino about the AAN Guideline update on disorders of consciousness. In the second part of the podcast, Dr. Jason Crowell and Dr. Joel Dudley discuss the detection of human herpesvirus genes in a large cohort of patients with Alzheimer disease.

Disclosures can be found at Neurology.org.

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Spotlight on the September 4 issue

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Neurology 2018;91;433-434

DOI 10.1212/WNL.0000000000006111

This information is current as of September 3, 2018

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