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Notable in *Neurology* This Week

This issue features an article that investigates the differences in risk factors between Black and White individuals with young-onset ischemic stroke; another looks at the association between folic acid supplementation and risk of preterm birth, preeclampsia, and fetal growth restriction among women with epilepsy. A featured Contemporary Issues in Practice, Education, & Research article examines the top 10 research themes for dystonia in cerebral palsy.

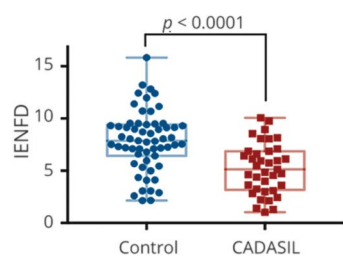
Articles

Nonalcoholic Fatty Liver Disease and Risk of Dementia: A Population-Based Cohort Study

Given that nonalcoholic fatty liver disease (NAFLD) and dementia share common risk factors, this study investigated the association between NAFLD and dementia risk. NAFLD was found to have a modest association with increased rates of dementia, especially among patients with NAFLD and cardiovascular comorbidities. Thus, early and targeted treatment of NAFLD and cardiovascular complications may reduce the risk of dementia.

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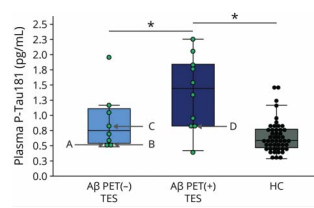
Small Fiber Pathology in CADASIL: Clinical Correlation With Cognitive Impairment



This study examined the cutaneous small fiber pathology of cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL) and its clinical significance. Cutaneous small fiber pathology was associated with cognitive impairment and CNS neurodegeneration in patients with CADASIL, indicating a peripheral neurodegenerative process related to NOTCH3^{ECD} aggregation.

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Plasma P-tau181 and P-tau217 in Patients With Traumatic Encephalopathy Syndrome With and Without Evidence of Alzheimer Disease Pathology



Due to their overlapping clinical symptoms, this study investigated whether Alzheimer disease (AD)-specific biomarkers can help to identify patients with traumatic encephalopathy syndrome (TES) with AD pathology. Patients with TES and positive amyloid-beta PET scans had higher concentrations of plasma P-tau181 and P-tau217, suggesting that plasma P-tau may help determine whether AD pathology contributes to symptoms in patients with TES.

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Continued

Prospective Natural History Study in 24 Adult Patients With LGMDR12 Over 2 Years of Follow-up: Quantitative MRI and Clinical Outcome Measures

This study sought to determine which tests could be useful in future clinical trials to evaluate potential therapies for the rare limb-girdle muscular dystrophy autosomal type 12 (LGMDR12). Proton density fat fraction imaging and Biodex isometric dynamometry were found to be more sensitive outcome measures of disease progression than classic clinical tests in the slowly progressive LGMDR12.

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NB: "Challenges and Controversies in Wilson Disease," p. 251. To check out other Resident & Fellow Section Pearls & Oysters 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 Clinical Reasoning article discussing the diagnosis and treatment of an elderly woman with a jugular bulb anomaly and acute headache. This week also includes a Teaching Video NeuroImage titled "Bilateral Hemifacial Spasm in Giant Cell Arteritis."

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Spotlight on the August 9 Issue
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