

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

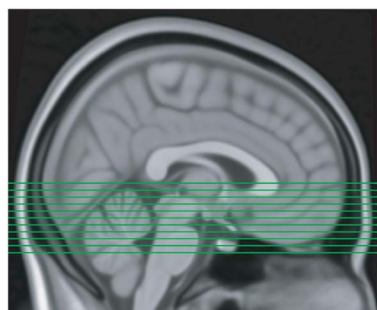


Notable in *Neurology* This Week

This issue features an article that validates the use of plasma Aβ₄₂/Aβ₄₀ to detect amyloid plaques in patients with Alzheimer disease; another investigates how the age at which children have a stroke affects long-term cognitive outcome. A featured Research Article examines the risk of cerebral venous sinus thrombosis after SARS-CoV-2 vaccination.

Research Articles

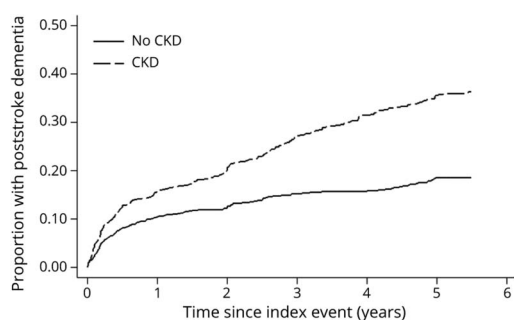
Association of Cognitive Impairment With Free Water in the Nucleus Basalis of Meynert and Locus Coeruleus to Transentorhinal Cortex Tract



This study found that free water, a marker of white matter integrity, was higher in the locus coeruleus to transentorhinal cortex tract, nucleus basalis of Meynert, and hippocampus in patients with Alzheimer disease compared with controls. It also found that higher free water is associated with greater clinical severity in cognitive and functional impairment.

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Associations of Chronic Kidney Disease With Dementia Before and After TIA and Stroke: Population-Based Cohort Study



This prospective, population-based cohort study assessed the association of chronic kidney disease (CKD) with dementia in patients with TIA and stroke. CKD was not independently associated with either pre- or postevent dementia.

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Dermatomyositis: Muscle Pathology According to Antibody Subtypes

In this retrospective study, investigators examined muscle biopsies from 256 patients with dermatomyositis and identified distinctive myopathologic features associated with dermatomyositis-specific antibodies. These distinct patterns may reflect different underlying

Continued

pathobiologic mechanisms and suggest that these features could be used to improve diagnosis and classification of patients with dermatomyositis.

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Contemporary Issues in Practice, Education, & Research

Accelerated Implementation of a Virtual Neurology Clerkship Amid a Global Crisis

Due to the limitations of in-person clinical experience imposed by the COVID-19 pandemic, the American Academy of Neurology Undergraduate Education Subcommittee developed a virtual curriculum to supplement in-person clinical experience. This overview discusses methods of virtual instruction, hybrid models of clerkship training, challenges and issues, and technique modifications for virtual learning.

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NB: "SGCE Myoclonus-Dystonia: An Inherited Movement Disorder," p. 289. To check out other Video NeuroImages, point your browser to [Neurology.org/N](https://www.neurology.org/N). At the end of the issue, check out the Resident & Fellow Teaching NeuroImage discussing the use of EEG to diagnose glucose transporter-1 deficiency syndrome and another on the microscopic angioarchitecture of an arteriovenous fistula of cauda equina. This week also includes a Viewpoint article titled "Seizing an Opportunity for Improvement."

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Spotlight on the February 15 Issue

José G. Merino

Neurology 2022;98;259-260

DOI 10.1212/WNL.00000000000013254

This information is current as of February 14, 2022

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