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Notable in *Neurology* this week

This issue features an article that investigates the possible association of early β -amyloid accumulation and metabolic risk factors with neuroinflammation in elderly individuals without dementia; another determines that patients with poststroke-diagnosed atrial fibrillation have a higher risk of death than patients with sinus rhythm or known atrial fibrillation. A featured article examines the effects of long-term tumor necrosis factor inhibition, through Mendelian randomization of statistics from genome-wide association studies, on the risk and age at onset of Parkinson disease.

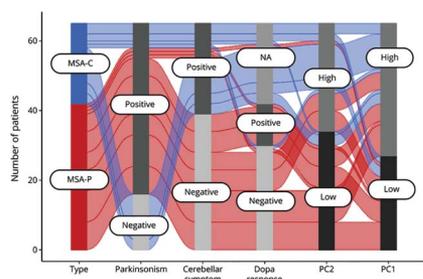
Articles

Association of Dementia-Related Psychosis With Long-term Care Use and Death

Dementia-related psychosis (DRP) is a highly disabling but common condition. Medicare beneficiaries with dementia but without psychosis were matched to patients with DRP. DRP was associated with 2.4-fold risk of use of long-term institutional care and 2.1-fold risk of death. The development of psychosis appears to portend key adverse outcomes.

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Variability of FP-CIT PET Patterns Associated With Clinical Features of Multiple System Atrophy



In vivo biomarkers reflecting neurodegeneration associated with the broad spectrum of multiple system atrophy are lacking. In this study, data-driven imaging patterns derived from [¹⁸F]fluoro-propyl-carbomethoxy-iodophenyl-tropane PET were associated with various clinical features of multiple system atrophy. Imaging-based patterns may be applied to understand pathophysiology and subtyping according to neurodegeneration patterns.

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Association of Group A *Streptococcus* Exposure and Exacerbations of Chronic Tic Disorders: A Multinational Prospective Cohort Study

In a large prospective study exploring group A *Streptococcus* (GAS) as a modulator of severity in children with chronic tic disorders (CTD), no association of GAS exposure with tics or obsessive-compulsive symptoms was detected, but there was a possible association with hyperactivity/impulsivity exacerbation. Screening for GAS infections in CTD is not recommended.

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From editorialists Cavanna and Coffman: "From an etiologic perspective, these findings suggest that GAS is unlikely to be the main trigger for immune activation in patients with chronic tic disorders. At the present stage, it cannot be ruled out that other pathogens might exert a relevant contribution to immunologic changes potentially altering the clinical course."

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COVID-19 Resources

For the latest articles, invited commentaries, and blogs from physicians around the world

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Continued

Views & Reviews

Funding the Educational Mission in Neurology

Educating future generations of neurologists is essential. Department chairs were surveyed on the mechanisms of funding educators within their department; shortfalls were common, and a large variety of sources were often needed. Additional sources of revenue to support educators are needed to sustain the quality and impact of neurology education.

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NB: “Idiopathic Recurring Stupor: An Unusual Clinical Condition Responding to Flumazenil,” p. 586. 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 Section Opinion & Special Article that delves into the recommendations of the Accreditation Council for Graduate Medical Education for discussion of care values and preferences for patients receiving palliative care, and what may be lacking therein. This week also includes a Humanities in Neurology piece titled “A Day That Changed Lives.”

NEW EPISODE



March 23, 2021

Efficacy and Safety of Bimagrumab in Sporadic Inclusion Body Myositis: Long-term Extension of RESILIENT (see p. 562)

In the first segment, Dr. David Lapidus speaks with Prof. Yvonne Latty about her personal experience of having a parent with Alzheimer disease. In the second part of the podcast, Dr. Stacey Clardy talks with Dr. Anthony Amato about bimagrumab in sporadic inclusion body myositis.

Disclosures can be found at [Neurology.org](https://www.neurology.org).

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Spotlight on the March 23 Issue

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