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Notable in *Neurology* this week

This issue features an article that reviews administrative data for the ability to estimate the incidence and prevalence of pediatric multiple sclerosis; another investigates 3 CSF biomarkers for clinical utility in amyotrophic lateral sclerosis and frontotemporal dementia. A featured Historical Neurology article analyzes descriptions of restless legs syndrome from 1736 to 1796.

Articles

Outcomes after carotid endarterectomy among elderly dual Medicare-Medicaid-eligible patients

In this national study, elderly patients with dual Medicare-Medicaid coverage had worse outcomes after carotid endarterectomy than those with Medicare alone, even after adjustment for demographic and clinical characteristics. Disparities persisted between 2003 and 2010, highlighting the need to understand factors contributing to outcomes for low-income patients with dual coverage.

Page 774

From editorialist Chaturvedi: "For optimal outcomes following carotid endarterectomy, clinicians should scrutinize not only the track record of the surgeon but also what the patient brings to the table, in terms of comorbidities and surgical risk factors."

Page 769

Pregnancy rates and outcomes in women with and without MS in the United States

Pregnancy rates among patients with multiple sclerosis (MS) are increasing despite the decline in US birth rates. Compared to women without MS, those with MS had a higher rate of certain medical complications such as preterm labor and intrapartum infections. The magnitude of the rates of peripartum complications in patients with MS and healthy women requires further investigation.

Page 775; Editorial, page 771

Relapses and disease-modifying drug treatment in pregnancy and live birth in US women with MS

A majority of patients with multiple sclerosis (MS) are women of reproductive potential. This article provides real-world outcomes of relapse rate and disease-modifying therapy utilization patterns before, during, and after pregnancy. This work brings forth a concern that a majority of patients with MS are not receiving approved disease-modifying therapies in the extended peripartum period.

Page 776; Editorial, page 771

MORE ONLINE

Editor's Summary

Audio summary of highlighted articles.

NPub.org/edsum

Continued

Socioeconomic position in childhood and cognitive aging in Europe

Socioeconomic status in childhood may influence cognitive health with aging. In this multicenter population-based study, adverse socioeconomic status in childhood was associated with a lower level of cognitive performance. Without reducing childhood poverty, the prognosis for the cognitive health of the aging population will remain poor.

Page 779

Traumatic brain injury associated with dementia risk among people with type 1 diabetes

In this study of individuals with type 1 diabetes, those with traumatic brain injury had a 3.6-fold increase in dementia risk vs those without traumatic brain injury. Complexity of self-care and high rates of falls in type 1 diabetes necessitate further work on preventive measures protecting brain health in this vulnerable population.

Page 780; Comment, page 781

NB: "Intracranial aneurysm wall enhancement decreases under anti-inflammatory treatment," p. 804. To check out other NeuroImages, point your browser to Neurology.org/N. At the end of the issue, check out the Resident & Fellow Pearls & Oysters article discussing the rare occurrence of rheumatoid meningitis during a patient's rheumatoid arthritis treatment with etanercept. This week also includes a Medical Hypothesis titled "Conversion of upbeat to downbeat nystagmus in Wernicke encephalopathy."

NEW EPISODE

October 23, 2018

"Is there a neurologist on this flight?": An update (see the October 2018 issue of *Neurology® Clinical Practice*)

1. Featured Article: *Neurology: Clinical Practice* "Is there a neurologist on this flight?": An update
2. What's Trending: Neuronal intermediate filament autoimmunity

Dr. Jason Crowell talks with Dr. Joseph Sirven about his NCP paper titled "Is there a neurologist on this flight?": An update." In the second part of the podcast, Dr. Stacey Clardy focuses her interview with Dr. Andrew McKeon on paraneoplastic neuronal intermediate filament autoimmunity.

Disclosures can be found at Neurology.org.

No CME this week: Interviews based on articles from *Neurology: Clinical Practice*, *Neurology® Genetics*, and *Neurology® Neuroimmunology & Neuroinflammation* are excluded from the CME program.

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Spotlight on the October 23 issue

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Neurology 2018;91;767-768

DOI 10.1212/WNL.0000000000006373

This information is current as of October 22, 2018

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Neurology® is the official journal of the American Academy of Neurology. Published continuously since 1951, it is now a weekly with 48 issues per year. Copyright © 2018 American Academy of Neurology. All rights reserved. Print ISSN: 0028-3878. Online ISSN: 1526-632X.