



In Focus

Spotlight on the September 20 Issue

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Notable in Neurology

This issue features an article that evaluates the influence of heterogeneous underlying pathology in corticobasal syndrome by using multimodal neuroimaging, and another that investigates the effect of enriching mild cognitive impairment clinical trials using combined markers of amyloid pathology and neurodegeneration. A featured article evaluates the comparative safety and adjunctive efficacy of pregabalin and gabapentin in reducing seizure frequency in patients with partial-onset seizures.

ARTICLES

Influence of sodium consumption and associated knowledge on poststroke hypertension in Uganda

The authors assessed 24-hour urine sodium levels of Ugandan patients with and without a history of stroke as indicators of dietary salt consumption and its association with blood pressure control. The development of educational strategies that include salt-diet preferences may lead to better blood pressure control in this high-risk population.

See p. 1198

From editorialists Birbeck & Sposato: "The findings of this study indicate that, in order to address secondary stroke prevention in Africa, an educational program will be required, aimed at informing stroke survivors of the negative health consequences of excessive salt intake, accompanied by clear instructions as to how to limit salt intake. These interventions will require definitive illustrations of what constitutes the right amount of salt for daily intake."

See p. 1192

Circulating biomarkers and incident ischemic stroke in the Framingham Offspring Study

Stroke prediction models may identify patients who will benefit from preventive therapies. In these community-dwelling participants, the addition of 4 biomarkers improved the predictive ability of the Framingham Stroke Risk Profile score. Circulating biomarkers associated with incident ischemic stroke may be useful in refining stroke prediction models.

See p. 1206

From editorialists Williams & Lorenzano: "Primarily, it would be interesting if the authors utilized genetic data to investigate not only

the influence on the levels of these 15 biomarkers but also how genetic variants that are associated with biomarker levels directly influence risk for incident ischemic stroke. This could be a powerful approach, which in combination with the Framingham Stroke Risk Profile score will be increasingly applicable as genomic information is transitioned into clinical care."

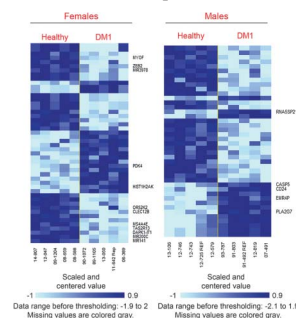
See p. 1194

Accelerated development of cerebral small vessel disease in young stroke patients

The authors investigated the long-term prevalence of small vessel disease in young stroke patients matched to controls, using logistic and linear regression. Cerebral aging in young stroke patients accelerated by 10–20 years compared to controls, which indicated an increased vulnerability to vascular risk factors and related small vessel disease consequences.

See p. 1212

Cancer risk in DM1 is sex-related and linked to miRNA-200/141 downregulation



The authors examined the incidence of cancer in patients with myotonic dystrophy type 1. Oncologic risk was increased, especially in women and for gynecologic, brain, and thyroid cancers; however, the expression of the miRNA-200/miRNA-141 tumor suppressor family was decreased. These results could be applied to the treatment of female patients.

See p. 1250

NB: "Mercy killing in neurology: The beginnings of neurology on screen (II)," p. 1289. To check out the previously published *Historical Neurology* article on this topic titled "'Dark Victory' (prognosis negative): The beginnings of neurology on screen," point your browser to Neurology.org. At the end of the issue, check out the *NeuroImages* discussing acute spinal cord syndrome and late attacks of paroxysmal ocular tilt reaction. This week also includes a *Views & Reviews* article titled "Report of a workshop on research gaps in the treatment of cerebral palsy."

Podcasts can be accessed at Neurology.org

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