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Notable in *Neurology* this week

This issue features an article that evaluates the progression of comprehensive biomarker and clinical measures across the Alzheimer disease spectrum; another investigates the differences between robot-assisted gait training and nonrobotic physiotherapy on pusher behavior. A featured Views & Reviews examines the dilemmas in treating lower-grade gliomas.

Articles

Focused ultrasound thalamotomy in Parkinson disease: Nonmotor outcomes and quality of life

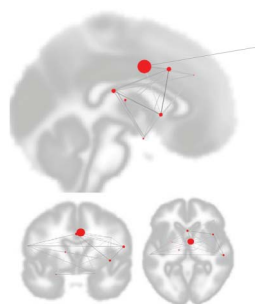
This study examines the use of MRI-guided focused ultrasound thalamotomy (MRIgFUS) in tremor-dominant Parkinson disease. No postoperative differences in cognition or behavior were found; quality of life and activities of daily living improved. MRIgFUS thalamotomy in Parkinson disease improves quality of life and does not produce adverse nonmotor symptoms.

Page 645

From editorialists Zervos et al.: "We expect that the data presented will help caregivers counsel patients regarding expected outcomes when they are considering this procedure."

Page 641

Cannabis analgesia in chronic neuropathic pain is associated with altered brain connectivity



This article provides evidence regarding cannabis analgesia in chronic neuropathic pain and probes the underlying brain mechanisms. This placebo-controlled trial using fMRI found that the analgesic effect of cannabis correlates with disruption of sensory-affective interactions in the brain. Dissociation between different modules of pain processing exerts analgesia.

Page 646

Nusinersen in patients older than 7 months with spinal muscular atrophy type 1: A cohort study

The most severe form of spinal muscular atrophy is type 1 (SMA1). In this article, the authors report significant motor progress after 6 months of treatment with nusinersen in patients older than 7 months with SMA1. Patients with SMA1 who are older than 7 months may benefit from nusinersen.

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MORE ONLINE

🎧 Editor's Summary

Audio summary of highlighted articles.

[NPub.org/edsum](https://www.neurology.org/edsum)

Continued

Quality of care for ischemic stroke in China vs India: Findings from national clinical registries

Knowledge about risk factors and management of ischemic stroke in India and China can improve the quality of care and optimize national stroke prevention and management strategies. This study showed that the quality of stroke care is reasonable in academic hospitals of both countries; however, there are several opportunities for improvement.

Page 653

From editorialists Anderson & Chaturvedi: "It is essential that partnerships between government and the private sector in both countries allow the establishment and evaluation of programs to reduce the downstream risks of diabetes mellitus."

Page 643

NB: "Isaacs syndrome associated with GABA_B and AChR antibodies in sarcomatoid carcinoma," p. 663. To check out other Clinical/Scientific Notes, point your browser to Neurology.org/N. At the end of the issue, check out the Resident & Fellow Opinion and Special Article discussing the challenges of career identity for young academic neurologists. This week also includes a Reflections: Neurology and the Humanities piece titled "To harvest? A reality-based ethical dilemma and fictional dialogue."

NEW EPISODE



October 2, 2018

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Nusinersen in patients older than 7 months with spinal muscular atrophy type 1: A cohort study (see p. 649)

1. Featured Article: Nusinersen in patients older than 7 months with spinal muscular atrophy type 1: A cohort study
2. What's Trending: MRI-guided thrombolysis for stroke with unknown time of onset (WAKE-UP study)

In the first segment, Dr. John Mytinger talks with Dr. Laurent Servais about his paper on the safety and efficacy of nusinersen treatment in patients older than 7 months with SMA type 1. In the second part of the podcast, we feature a discussion with Dr. Jim Siegler and Dr. Christian Gerloff on the results of the WAKE-UP stroke trial.

Disclosures can be found at Neurology.org.

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Spotlight on the October 2 issue

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