



In Focus

Spotlight on the December 15 Issue

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Notable in *Neurology*

This issue features an article assessing the role of the mammillothalamic tract and mediodorsal nucleus in thalamic amnesia after infarction and an article determining the frequency and relative importance of life-affecting symptoms in myotonic dystrophy type 2. Another featured article focuses on how early radiosurgery may provide pain relief for patients with trigeminal neuralgia.

ARTICLES

IV thrombolysis in very severe and severe ischemic stroke: Results from the SITS-ISTR Registry

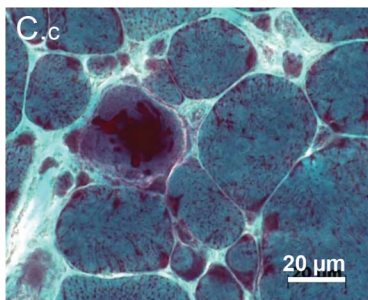
The authors compared data from 868 patients with NIH Stroke Scale (NIHSS) scores >25 with data from 19,995 patients with NIHSS scores 15–25, all treated with IV thrombolysis. There was no difference in the occurrence of cerebral parenchymal hemorrhage between the groups (10.7% vs 11.0%), with no change in findings following multivariate adjustment.

See p. 2098

From editorialists Uyttenboogaart & Fink: "Taking all these data together, an NIHSS score >25 should probably not deter physicians from treating a stroke patient with IV thrombolysis. All efforts must be undertaken to offer rtPA treatment as much as possible to all eligible stroke patients."

See p. 2088

A new titinopathy: Childhood-juvenile onset Emery-Dreifuss-like phenotype without cardiomyopathy



Using exome sequencing as a starting point, the authors identified frameshift mutations at the C-terminus of the giant protein titin in 3 families. Because a specific diagnostic scheme does not exist for this gene and titinopathies are underrecognized, it is

important to be aware of the possible clinical presentation due to mutations in this gene.

See p. 2126

Does intraoperative neurophysiologic monitoring matter in noncomplex spine surgeries?

The authors determined the associations between intraoperative neurophysiologic monitoring for spinal decompressions and simple fusions, and neurologic complications, length of stay, and hospitalization charges. Intraoperative neurophysiologic monitoring was associated with better clinical outcomes and some increased hospital charges.

See p. 2151; Comment, p. 2157

HISTORICAL NEUROLOGY

Original footage of the Chilean miners with manganism published in *Neurology* in 1967

This article presents unpublished footage of the original case series reported in *Neurology* by Mena and Cotzias depicting the typical neurologic signs of manganism in 4 Chilean miners and their response to high doses of L-dopa.

See p. 2166

NB: "The Wernicke area: Modern evidence and a reinterpretation," p. 2170. To check out other Views & Reviews, point your browser to Neurology.org. At the end of the issue, check out the Clinical/Scientific Notes discussing herpes simplex virus 1 encephalitis and its association with voltage-gated calcium channel autoimmunity and cerebral hyperperfusion on arterial spin labeling MRI during CADASIL migrainous encephalopathy. This week also includes a Resident & Fellow Section Media and Book Review titled "Reaching Down the Rabbit Hole: Extraordinary Journeys into the Human Brain."

Podcasts can be accessed at Neurology.org

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