

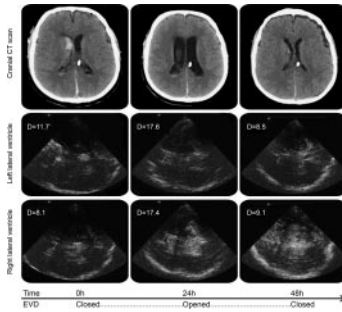


In Focus

Spotlight on the March 8 Issue

Robert A. Gross, MD, PhD, FAAN
Editor-in-Chief, *Neurology*®

Sonographic monitoring of ventricle enlargement in posthemorrhagic hydrocephalus

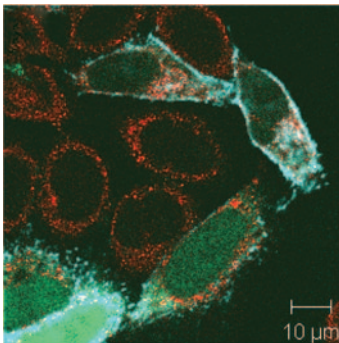


This paper presents a noninvasive bedside approach to monitor the dynamics of ventricular enlargement in 37 patients with posthemorrhagic hydrocephalus without exposing them to radiation. Transcranial duplex sonography provided

specific cutoff values for the increase of ventricular width that predicts the handling of extraventricular and lumbar drainages.

See p. 858; Editorial, p. 852

TRPV4 mutations and cytotoxic hypercalcemia in axonal Charcot-Marie-Tooth neuropathies



The authors screened 36 axonal Charcot-Marie-Tooth patients with or without vocal cord paresis and identified 2 mutations in *TRPV4* including one de novo without family history. The mutations caused hypercalcemic cytotoxicity that was reversible by channel blockade, providing an

attractive area of investigation in the treatment of axonal degeneration.

See p. 887

From editorialists Jonathan Baets and Peter De Jonghe: "Identification of new mutations will be instrumental in the design of more complex model systems, ultimately allowing a better understanding of normal and pathologic functions of TRPV4 channels in the peripheral nervous system."

See p. 856

Reference values of CSF outflow resistance and intracranial pressure in healthy elderly

This study reports reference values for intracranial pressure and CSF outflow resistance (ROUT) in elderly people that should be used when investigating disorders of CSF dynamic. When this highly standardized, automatic constant pressure infusion method was used, ROUT was higher than previously believed, with implications for preoperative testing in hydrocephalus.

See p. 903

Cortical lesions in children with multiple sclerosis

A double inversion recovery sequence showed that cortical lesions were rare (10%) in patients with pediatric multiple sclerosis (MS), compared to 66% of adult MS patients. This improves the understanding of the mechanisms responsible for the more favorable short- to medium-term clinical evolution.

See p. 910

VIEWS & REVIEWS

Atrial fibrillation and incidence of dementia: A systematic review and meta-analysis

This review identified 15 relevant studies covering 46,637 participants, mean age 71.7 years. Stroke patients with atrial fibrillation have a higher risk of dementia compared to those without; this high-risk group may benefit from cognitive monitoring.

See p. 914

CONTEMPORARY ISSUES IN NEUROLOGIC PRACTICE: HORIZONS

The income gap: Specialties vs primary care or procedural vs nonprocedural specialties?

This paper analyzed the income gap between procedural and nonprocedural specialties, demonstrating that a gap exists between neurologists and other specialists. Public policy must recognize and correct the ever-growing gap to maintain access to neurologic expertise.

See p. 923

NB: "The income gap: Specialties vs primary care or procedural vs nonprocedural specialties?" see p. 923. To check out other Contemporary Issues in Neurologic Practice, point your browser to <http://www.neurology.org>. The Green Journal is celebrating a historical milestone—60 years of publishing.

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