In Focus

Spotlight on the March 1 Issue

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Notable in *Neurology*

This issue contains an article examining cognitive-behavioral screening in 274 patients with amyotrophic lateral sclerosis and another assessing the specificity of the dendritic protein neurogranin as a CSF biomarker in patients with a broad range of neurodegenerative diseases. Another featured article evaluated whether headache exacerbation associated with IV dihydroergotamine infusion predicted medium-term headache outcome in patients with chronic migraine.

ARTICLES

Amyloid pathology and axonal injury after brain trauma [OPEN](#)

Using ^{11}C -Pittsburgh compound B (PiB) PET, the authors showed that amyloid pathology was present in long-term survivors of traumatic brain injury (TBI) in a pattern that was overlapping but distinct from that of Alzheimer

disease (AD). These findings confirm that TBI may trigger the accumulation of amyloid pathology, which may reflect neurodegeneration after axonal injury.

See p. 821

From editorialists Furst & Bigler: "It remains to be seen whether the increased PiB uptake in young chronic TBI, especially at the mild end of the TBI spectrum, does indeed constitute very early signs of AD pathology or whether A β plaques mean something completely different in this context. The differential cerebellar uptake would suggest a different pathology."

See p. 798

Referred facial sensation on the hand after full face transplantation

The authors presented a patient with full face transplantation who was recovering primary sensory modalities. fMRI findings showed interactions between the cortical representations of the face and hand. This phenomenon is one of the well-known referred sensations and reveals how face transplantation relates to cortical plasticity.

See p. 836; Comment, p. 839

Hepatitis C virus infection as a risk factor for Parkinson disease: A nationwide cohort study [BOOK](#)

This study determined whether hepatitis C virus infection was a risk factor for developing Parkinson disease. A Cox proportional hazards model was applied to estimate the risk of developing Parkinson disease in terms of hazard ratios and 95% confidence intervals. Patients with hepatitis C virus exhibited an increased risk of developing Parkinson disease.

See p. 840

Community-acquired bacterial meningitis in adults with cancer or a history of cancer

This study showed that patients with active cancer presented with similar clinical characteristics but that hematologic and CSF laboratory measures of infection were attenuated in patients with a history of cancer compared to the normal population. Patients with active cancer presented with lower CSF leukocyte counts, were more likely to be infected with *Listeria monocytogenes*, and were at higher risk of unfavorable outcome.

See p. 860

NB: "A human quadrupedal gait following poliomyelitis: From the Dercum-Muybridge collaboration (1885)," p. 872. To check out other Historical Neurology submissions, point your browser to Neurology.org. At the end of the issue, check out the Neurolmage discussing a rare presentation of breast cancer metastasis with milium cerebral calcifications. This week also includes a Clinical/Scientific Note titled "CSTB null mutation associated with microcephaly, early developmental delay, and severe dyskinesia."

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