Demyelination or low-grade glioma? A diagnostic dilemma

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Abstract

Background

Demyelination is a neurologic disease, usually diagnosed on the basis of clinical symptomatology and radiologic studies. Rarely, both may be deceiving and masquerading a neoplastic lesion or vice versa.

Case Description

In the present communication, we describe 2 cases with similar clinical profiles and radiologic pictures, but which turn out to be contrasting pathologic diagnoses.

Conclusions

We emphasize on histopathologic proof before initiating definitive therapy.

Keywords: Demyelination, Low-grade glioma, Biopsy

Abbreviations: Cr, creatinine, H&E, hematoxylin and eosin, MRI, magnetic resonance imaging, NAA, N-acetyl aspartate

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