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Intrathecal liposomal cytarabine in combination with temozolomide in low-grade oligoastrocytoma with leptomeningeal dissemination.

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Abstract

Leptomeningeal dissemination of low-grade gliomas is an uncommon event. A 43-year old male presented with dizziness, gait ataxia, and diplopia. A nonenhancing lesion in the right cerebellar peduncle was identified, subtotally resected, and diagnosed as a grade II astrocytoma. After one year a nodular spread in the brain and leptomeninges was diagnosed, so the patient started chemotherapy with temozolomide and liposomal cytarabine. Complete remission was achieved after 12 months of treatment and the patient is still free from the disease after a follow-up of 24 months. We suggest that this combination may be a valuable treatment option.

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