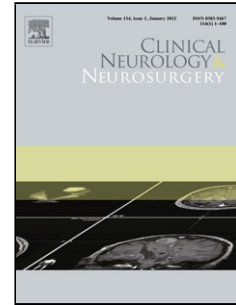


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Long-term outcomes of surgical resection with or without adjuvant therapy for treatment of primary spinal peripheral primitive neuroectodermal tumors

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Highlights

- Gross total resection of tumors and adjuvant radiotherapy were independent factors influencing the prognosis of patients with pPNETs.
- The prognosis of patients with intradural tumors may be better than that in patients with epidural tumors.
- Radiotherapy plays an important role in improving the prognosis of patients with pPNETs.
- The most effective treatment modality is GTR combined with adjuvant radiotherapy and chemotherapy.

Abstract

Objective: We sought to assess the use of surgical treatment, the effect of postoperative adjuvant therapy, and the prognostic factors for survival of patients with primary spinal peripheral primitive neuroectodermal tumors (pPNETs).

Patients and Methods: The clinical data of 24 patients, who had been surgically treated from April 2003 to February 2018 and in whom immunohistochemical staining results had confirmed the diagnosis of primary spinal pPNETs, were retrospectively analyzed. To analyze the factors related

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