

咀嚼間隙橫紋肌肉瘤:病例報告與文獻回顧
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Masticator space rhabdomyosarcoma: a case report and literature review
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Introduction:

Masticator space primary tumors are rare and seldom malignant. The most frequent malignant tumors are sarcomas. We reported a case of masseter rhabdomyosarcoma which presented as asymptomatic masseter mass.

Case presentation:

This is a 7-year-old boy complaining of a rapid enlarging painless left pre-auricle mass for 1 month. The mass did not remit despite antibiotic treatment. Magnetic resonance imaging (MRI) showed a heterogenous enhancing lesion involving left masseter muscle with cortical erosion & periosteal reaction. We resected the tumor and the pathology revealed embryonal spindle cell rhabdomyosarcoma. Staging workup showed no distal metastasis. Post-operative recovered was well and concurrent chemoradiotherapy continued.

Discussion:

According to previous literature reviews, masticator space primary tumors are rare and seldom malignant. The most frequent malignant tumors are sarcomas. Wide and complete resection are the basic principles. Cosmetic and functional factors always should be considered. Clinically positive nodes should always be confirmed pathologically. The prognosis is better followed by chemotherapy and radiotherapy.

Conclusion:

Masticator space malignancy was rare. Wide and complete resection followed by chemotherapy and radiotherapy were the basic principles and resulted in better prognosis.