

عنوان مقاله:

Radioresistant Extramedullary Plasmacytoma of the Maxillary Sinus: A Case Report and review article

محل انتشار:

مجله علمی گوش و حلق و بینی ایران، دوره 27، شماره 4 (سال: 1394)

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خلاصه مقاله:

Introduction: Plasmacytoma is a monoclonal proliferation of plasma cells. It can be an isolated lesion, for which the term extramedullary plasmacytoma is used, or a representation of multiple myeloma. The upper respiratory tract is the most common site for an extramedullary plasmacytoma. Sinonasal plasmacytomas cause different symptoms depending on the sites of origins and the areas of involvement. The treatment of choice for extramedullary plasmacytoma is local radiotherapy. Although it is generally accepted that plasmacytomas are radiosensitive, there are reports of cases that do not respond to radiotherapy. Case Report: A case of a ۲۴-year-old male diagnosed with radioresistant extramedullary plasmacytoma of the maxillary sinus, who responded to surgical treatment, is reported. Conclusion: It is reasonable to consider an interdisciplinary approach in the management of extramedullary plasmacytoma. Considering early surgical intervention in cases encompassing risk factors of radiotherapy resistance is especially recommended before debilitating complications emerge.

کلمات کلیدی:

Plasmacytoma, Paranasal sinus neoplasms, Radiotherapy, Multiple Myeloma

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