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Exophthalmos Revealing a Spheno Temporo Orbital Meningioma

Intracranial meningiomas are usually non-cancerous tumors that develop from arachnoid cells in the meningeal envelope. However, there are rare forms called intraosseous meningiomas, which present unique challenges for diagnosis and treatment. In this report, we describe a rare case of a giant sphenotemporal meningioma in a 72-year-old male with diabetes. The patient experienced progressive exophthalmos and visual impairment over a period of five months. Radiological imaging confirmed the diagnosis, showing extensive infiltration into the infra-temporal region. Histopathological examination confirmed a plaque-type meningothelial meningioma. The patient underwent surgical management, which involved maxillofacial surgery. Intraosseous meningiomas are rare but are increasingly being recognized, accounting for about two percent of all meningiomas. The spheno-orbital region is a common site for these tumors. Histologically, there are various subtypes, with meningothelial meningioma being the most common. The differential diagnosis includes Paget's disease and osteomas. The optimal treatment approach involves extensive surgical resection, followed by adjuvant radiotherapy for any remaining or symptomatic tumors. The prognosis depends on the extent of resection and tumor progression, underscoring the importance of regular monitoring. Early intervention is crucial to preserve visual function and achieve favorable outcomes.