

Medical Image

Adenoid Cystic Carcinoma Lacrimal Gland

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Figure 1: MRI showed a mass of the soft tissue inside the lachrymal fossa with bone invasion.

Clinical Image

The adenoid cystic carcinoma is the most common malignant tumors of lacrimal glands, however it remains very rare. We describe the case of a young patient of 30 years old who presented 5 months ago a periorbital edema of the left eye, the MRI showed a mass of the soft tissue inside the lacrimal fossa with bone invasion (Figure 1), she underwent left eye exenteration with tumoral reduction, the histology confirms the diagnosis of adenoid cystic carcinoma of the lacrimal gland. She received postoperative orbital radiotherapy. 5 months later the patient presented a local and metastatic recurrence and chemotherapy was given based on cyclophosphamide, adriamycine, platinum, after progression after 4 cycles, weekly paclitaxel was received without any results, she progressed in the lung and locally after 3 cycles with infiltration of the front brain lobe. The patient nevertheless kept a good condition without orbital pain; we put her in metronomic chemotherapy cyclophosphamide with novatrex. Adenoid cystic carcinoma of the lacrimal gland is the second cause of epithelial tumors of this gland, characterized by a high degree of malignancy, a high rate of recurrence and lower survival rate at 5 years.

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