Dacryocystitis provoked by recurrence of extramedullary plasmacytoma of the orbit: a case report

Antica Duletic-Nacinovic¹, Sanja Stifter², Blazen Marijic¹, Damir Miletic³, Karmen Loncarek⁴, Darko Manestar⁵, and Nives Jonjic²

¹University Department of Hematology, Rijeka University Hospital Center, Rijeka; ²University Department of Pathology, School of Medicine, Rijeka; ³University Department of Radiology, Rijeka University Hospital Center, Rijeka; ⁴University Department of Ophthalmology, Rijeka University Hospital Center, Rijeka; ⁵University Department of ENT, Rijeka University Hospital Center, Rijeka, Croatia

ABSTRACT

Extramedullary plasmacytoma (EMP) of the orbit is an extremely rare tumor, which frequently manifests with nonspecific symptoms. In the case reported, the symptoms of relapsing dacryocystitis appeared before the diagnosis of orbital EMP in a 60-year-old man. Moreover, EMP of the right submandibular gland that had been excised and treated by radiotherapy preceded the orbital lesion by seven years. The present report emphasizes the importance of an extensive medical workup to rule out multiple myeloma or other malignant lymphoproliferative diseases, because their treatment and prognosis are very different. Additionally, it is necessary to consider all tumors that can provoke relapsing dacryocystits. Free full text available at www.tumorionline.it

Key words: extramedullary plasmacytoma, orbit, paranasal sinuses, dacryocystitis, therapy.

Correspondence to: Antica Duletic-Nacinovic, MD, PhD, University Department of Hematology, Rijeka University Hospital Center, Kresimirova 42, 51000 Rijeka, Croatia.
Tel +385-98-329019;
fax +385-51-658826;
e-mail bmarijic@gmail.com

Received June 10, 2008; accepted September 11, 2009.