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Abstract	<p>Purpose: To describe the clinical presentation, treatment, and outcome of patients with eosinophilic granuloma of the orbit</p> <p>Methods: Retrospective study of 8 patients</p> <p>Results: All 8 patients in our series were males, and the mean age at presentation was 8 years (median 6 years; range, 7 months to 23 years). All of them had unilateral disease and the most common presenting complaint was upper eyelid swelling (n=6). The mean duration of symptoms was 6 weeks (median, 3 weeks; range 2 to 20 weeks). Visual acuity was unaffected in 7 cases. Clinical diagnosis included rhabdomyosarcoma (n=4), malignant lacrimal gland tumor (n=2), orbital cysticercosis (n=1), and orbital tuberculosis (n=1). The diagnosis of eosinophilic granuloma was confirmed by incisional biopsy (n=7) or fine needle aspiration cytology (n=1). Four cases underwent careful limited curettage and received intralesional steroid, and 4 cases were treated with intralesional steroid alone after incisional biopsy. Complete tumor resolution was achieved in 7 cases after receiving a mean of one intralesional steroid injection (median, 1; range, 1 to 2), while 1 patient was advised systemic chemotherapy for residual tumor. No tumor recurrence was noted in any case at a mean follow-up duration of 30 months (median, 23 months, range 7 to 96 months). None of the cases developed diabetes insipidus or multisystem disease during the follow-up period.</p> <p>Conclusion: Eosinophilic granuloma is often misdiagnosed as a malignant tumor. Minimal intervention with intralesional steroids with/without careful curettage achieves complete tumor resolution.</p>
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Techniques	Life sciences techniques; Not Applicable;
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Applicable Funding Source	No Applicable Funding
Sponsorship/Medical Writers	<p>Has anyone (particularly a company or public relations agency) prompted or paid you to write this article? :</p> <p>No</p> <p>Did a professional writer contribute to the preparation of the manuscript?:</p> <p>No</p> <p>If you selected Yes for either question, please provide further details in the box below. You should also ensure that you have included the correct acknowledgements within your manuscript as explained within Eye's instructions to authors.</p> <p>If you have selected No for both questions, please specify 'Not Applicable' in the box below:</p> <p>not applicable</p>

Manuscript Items

1. Author Cover Letter [PDF \(9KB\)](#)
2. Merged File containing manuscript text, 2 Figure files and 1 Table file. [PDF \(913KB\)](#)