

Bleomycin sclerotherapy

The use of [bleomycin](#) appears to be a simple, safe, and effective treatment for [venous malformations](#) involving the [eyelid](#), avoiding more elaborate and challenging surgical or laser interventions, and is even effective in full thickness lesions ¹⁾.

[Bleomycin](#) is preferred over ethanol for the treatment of intraconal VMs because it causes minimal postprocedural swelling. Patients treated with Bleomycin are briefly observed then discharged if proptosis is stable and does not threaten the health of the orbital contents ²⁾.

Case reports

An orbital venous varix is rare and can present with diplopia, proptosis, or hemorrhage. Treatment can be challenging, especially if the varix is in a posterior location within the orbit, since surgical exposure becomes difficult. A few case reports have been published describing transcatheter embolization of an orbital varix with coils, direct percutaneous injection of n-butyl cyanoacrylate glue, and the percutaneous injection of bleomycin. We present a case of a symptomatic orbital venous varix of the left inferior ophthalmic vein successfully treated with transvenous endovascular sclerotherapy using a microcatheter balloon and bleomycin ³⁾.

¹⁾

Shigematsu T, Sorscher M, Dier EC, Berenstein A. Bleomycin sclerotherapy for eyelid venous malformations as an alternative to surgery or laser therapy. J Neurointerv Surg. 2019;11(1):57-61. doi:10.1136/neurintsurg-2018-013813

²⁾

<https://appliedradiology.com/articles/orbital-venous-malformation>

³⁾

Vadlamudi V, Gemmete JJ, Chaudhary N, Pandey AS, Kahana A. Transvenous sclerotherapy of a large symptomatic orbital venous varix using a microcatheter balloon and bleomycin. J Neurointerv Surg. 2016;8(8):e30. doi:10.1136/neurintsurg-2015-011777.rep

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