

Clinical-Medical Image

## Double-Head Pterygium Treated with Amniotic Membrane Graft

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Figure 1: Double-headed pterygium of the left eye.

### Clinical-Medical Image

A pterygium is a benign conjunctival fibrovascular neof ormation, characterized by its recurrent and progressive nature in the direction of the cornea. Double-headed pterygia are rare and present the surgeon with challenges. We report the case of 53-year-old man was referred to our eye hospital with a double-head pterygium of the right eye. The patient had hand movement visual acuity on the right eye, slit-lamp examination found that the head of the pterygium encroaching towards the center of the cornea on both sides. After local anesthesia, the pterygium with subconjunctival fibrovascular tissue is removed. The area of corneal scar is carefully smoothed and denuded. Bipolar cautery is used to maintain hemostasis. One piece of amniotic membrane is placed on cornea, the bare sclera and under the large conjunctival flap, the grafts were sutured using interrupted 10-0 nylon sutures, we employ the amniotic membrane graft to have antifibrotic and anti-inflammatory effects, this application facilitates also epithelialization at the area of the corneal defect after pterygium excision. We chose to use an amniotic membrane rather than autografts because the remaining part of the conjunctiva was too small and insufficient. Post operatively the patient received a single intravenous dose of methylprednisolone. He was prescribed topical steroids 6 times a day for a month and artificial tears [1,2].

**Keywords:** Double-head pterygium; Pterygium; Amniotic membrane

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### **Conflict of Interest**

None of the authors has any conflicts of interests to disclose.

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