

Amniotic Membrane Transplantation with Fibrin Glue for Conjunctivochalasis.

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Abstract:

Purpose: To evaluate the feasibility of performing sutureless amniotic membrane transplantation (AMT) using fibrin glue for conjunctivochalasis. **Design:** Noncomparative interventional case series. **Methods:** In 25 eyes of 16 patients with refractory conjunctivochalasis (CCh), AMT using fibrin glue was performed to cover the bare sclera. **Results:** The mean age was 55.2 +/- 18.5 years with nine patients (56.2%) younger than 60 years. The Tenon capsule was dissolved in all eyes. Fibrin glue was effective in securing the amniotic membrane to the sclera. For a mean follow-up of 10.6 +/- 4.3 months, all eyes achieved a smooth conjunctival surface with complete or significant improvement of symptoms in 44% and 56%, respectively. Complications included focal conjunctival inflammation in four eyes and pyogenic granuloma in one eye. **Conclusion:** AMT using fibrin glue can be performed for refractory CCh resulting in alleviating its symptoms and signs. © 2007 Elsevier Inc. All rights reserved.