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Abstract

Objective: To study the effect of amniotic membrane graft combined with mitomycin C in pterygium treatment. Design: Retrospective, noncomparative, interventional case series. Participants: Twenty-one eyes of 20 patients with pterygium and recurrent pterygium without symblepharon. The number of prior surgeries was 1 – 2 times. Intervention: Patients were treated by bare sclera technique and mitomycin C eye drops, and preserved amniotic membrane graft. Main Outcome Measures: Recurrence rate of pterygium and complications of treatment. Results: twenty eyes (95.24%) of 21 eyes showed no recurrence, it means the recurrence rate was 4.76%. The study did not show the scleral and corneal complication during observation period 30 – 50 weeks. Conclusion: Preserved amniotic membrane graft, and mitomycin C eye drops were a safe and effective for bare sclera technique of pterygium surgery.

Keyword: pterygium, bare, sclera, technique, amniotic, membrane, graft, mitomycin, C,

Daftar Pustaka: