

Suture or sutureless technique to compare the surgical outcome and patient comfort with dry amniotic membrane and conjunctival limbal autograft in primary pterygium surgery

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Objective: To compare the intraoperative and post-operative complications with dry amniotic membrane transplantation and conjunctival limbal autograft and to assess the patient comfort between the two surgeries in primary pterygium.

Method: This is a randomized, open labeled, parallel group and prospective study enrolling 80 patients above 18 years attending the ophthalmic OPD with primary pterygium. The eligible participants were randomized into four groups. Group-A: Conjunctival limbal autograft with autologous serum, Group-B: Conjunctival limbal autograft with suture, Group-C: Amniotic membrane transplantation with autologous serum, Group-D and Group-C Amniotic membrane transplantation with Suture. Patient

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