

Limbal stem cell transplantation with fibrin sealant for the treatment of recurrent pterygium. [Chinese]

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Abstract:

AIM: To analyze the therapeutic effectiveness of the fibrin sealant with limbal stem cell transplantation in the treatment of recurrent pterygium. METHODS: Totally 88 eyes with recurrent pterygium were randomly divided into two groups: observer group of limbal stem cell transplantation with fibrin sealant and control group of string with limbal stem cell transplantation in the treatment of recurrent pterygium. RESULTS: The recurrence rate was 2.2% in observer group and 14.3% in control group, respectively ($P < 0.05$). Postoperatively, the foreign bodies sensation and the rate of transplant edema in observer group were less than that in control group. CONCLUSION: Fibrin sealant with limbal stem cell transplantation for treating recurrent pterygium has the advantage of slight trauma, mild pain, short operative time, early recovery. It is a more effective and satisfactory surgery way.