Media Jurnal Oftalmologi Indonesia
Volume : 5 - No. 3 Terbit : 1--2001

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Clinical Difference between Autograft Post Operated Pterygium Using Fibrin Glue and Polyglycolic Acid 10-0 Suture

Abstrak :

The aim of this study is to compare the clinical results of fibrin glue versus Polyglycolic Acid (PGA) 10–0 suture for conjunctival
autograft attachment after pterygium excision with mitomycin (MMC) application. A quasi experimental study at Dr. YAP Eye Hospital
Yogyakarta, January until December 2010. Patients underwent standardized digital photograph and completed a questionnaire at
each follow-up visit for grading pain, ephiphora, foreign body sensation and itching with visual analogue score (VAS). Thirty six eyes
underwent primary pterygium surgery with conjunctival autograft were allocated into 2 groups, group 1 (n = 19) used fibrin gluewhereas group 2 (n = 17) used PGA 10–0 suture for attaching the autograft. There were significantly differences for foreign body
sensation (p = 0.016) and severe degree of inflammation (p = 0.001) at day 2 whereas the glue group was less than suture. To determine
whether generally fibrin glue is superior to PGA 10–0 suture similar researches need to be done to assess factors of recurrenceand
cost-effectiveness analysis.

Keyword :

Daftar Pustaka :

Allan BDS, Short P, Crawford GJ Pinguecula and Pterygia Surv Ophthalmol 1988 -