

[Meta-analysis of fibrin glue for attaching conjunctival autografts in pterygium surgery]. [Chinese]

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Abstract:

To evaluate the clinical efficacy of FG for attaching conjunctival autografts in pterygium surgery. Search was conducted in Pubmed, EMbase, Cochrane Library, CNKI, Wanfang database, CBM and VIP, and hand-search was also performed, the methodological quality were carried out according to evidence-based medicine (EBM). The qualities of the randomized controlled trials (RCT) were evaluated according to the Cochrane Handbook for Systematic Reviews of Interventions Version 5.0. The Cochrane Collaboration's software RevMan 5.0 was used for Meta-analysis. Only 7 trials, involving 366 eyes, were included. Meta-analysis showed that significant differences were found between the FG and suture in recurrence [RR = 0.34, 95%CI (0.15, 0.80), P = 0.01], but there is no difference in reducing the complications [RR = 2.53, 95%CI (0.47, 13.51), P = 0.28]. Fibrin glue-assisted conjunctival autograft in pterygium surgery reduces postoperative recurrence.