

Fibrin glue improves wound healing of non-perforating keratotomy.

[German]

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Abstract:

Wound healing in non-perforating keratotomy with and without application of fibrin glue was studied in 28 rabbits. The following advantages were observed after filling the wound space with fibrin glue (Tissucol): (1) fibrin glue prevented epithelial invasion of the wound space; (2) fibrin stimulated fibroblastic activity and served as a matrix for fibroblasts and keratocytes; (3) fibrin accelerated wound healing and strengthened the scar formed.