

Effect of fibrin glue on postlaminectomy scar formation.

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Publication Date: 1993

Abstract:

An experimental study in rats has been carried out with the aim of studying the scar formation over the spinal dura in the presence of fibrin glue. Although the main action of fibrin glue is the enhancement of wound healing by increasing the fibrous tissue, our present data suggest that this re-absorbable biomaterial diminishes the epidural scar formation, at least the first two weeks after laminectomy. This finding leads us to consider the use of fibrin glue over spinal duramater when it is likely that reoperation may become necessary in a short period of time after a laminectomy.