

Does human fibrin tissue adhesive improve the results of tympanoplasty?. [German]

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Abstract:

Human fibrin tissue adhesive diminishes the rate of recurrent perforations in tympanoplasty on a statistical base (n=1051). The postoperative air-bone gap (1000 cps) was not influenced to a substantial degree by using tissue adhesive. The reconstruction of the lateral attic wall by endogenous conchal cartilage was facilitated by the application of fibrin tissue adhesive. In animal experiments with guinea pigs ('attic' of bulla tympanica) human fibrin tissue adhesive is superior to free muscle transplants in reconstruction of the bony bulla wall. Fibrin adhesive induces scar formation; therefore, a very sparing use is necessary.