

Autofibrin glue compound and its utilization during reconstructive operations on the ear.

Authors: Shatkovskaya NY, Soushko YA, Veremeyenko KN, Kizim AI, Borissenko ON

Publication Date: 1999

Abstract:

A new autofibrin glue compound (AFGC) is suggested. The experiment has demonstrated that the inclusion of antibiotics and lysozyme does not influence its adhesive qualities or sterilization with gamma radiation. It has been revealed that the dose to sterilise the compound was 75 Gy. AFGC was used during tympanoplasties in 55 patients for fixation of ossiculoplasties, fascia autotransplant and skin of the external auditory meatus. Morphological and functional results of tympanoplasties turned out to be better than those of the control group in which the glue was not used.