

Biochemical substantiation for combined use of polymer fibrin with antimicrobial, immunoactive, and antitumor preparations. [Ukrainian]

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Publication Date: 1999

Abstract:

The authors have studied the effect of claforan, dioxidine, lapheron, and cyclophosphan on functional activity of protein components fibrin glue 'Bioadgesive' - fibrinogen and trombin. It was shown that fibrinogen and trombin maintained their activity in the presence of therapeutic doses of dioxidine, lapheron, and cyclophosphan. These data provide a substantiation for using Bioadhesive in complex with mentioned anti-microbial, immunoactive and antitumor preparations, that allows for prolonging their therapeutic effect, promoting the wound healing, decreasing the risk of relapsing the malignant neoplasms in the patients with ENT- organs cancer.