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«РЭСПУБЛІКАНСКІ НАВУКОВА-
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Summary

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Medical and Biological Properties of «Alyufer» as Hemostatic Preparation of a Local Activity in the Gastroduodenal Bleedings (experimental and clinical investigation)

Keywords: hemostatic Medical device «Alufer-Bel», gastroduodenal bleeding, endoscopic hemostasis, patients experimental «acetic» ulcer of stomach.

Backgrounds and study aims: experimental and clinical evaluation of «Alufer-Bel» efficacy as hemostatic Medical device of a local activity in the gastroduodenal bleedings.

Object of study: hemostatic Medical device «Alufer-Bel», patients with gastroduodenal bleedings; Patients blood and plasma of healthy donors.

Subject of study: medical-biological Medical device and clinical effectiveness of «Alufer-Bel» as a remedy of a local activity.

Methods of study: clinical, gistomorphological, patophysiological, series laboratory tests of cellular and biochemical structure of a blood (plasma), hemostasis system, standard variants of methods statistical processing in medical and biological researches.

Obtained results and novelty: Medical Device «Alufer-Bel», a new country Medical device, and its medical-biological Medical device and clinical effectiveness were investigated and tested for the first time. *In vitro* and *in vivo* experiments we demonstrated that an investigated Medical device «Alufer-Bel» with its special-purpose is just as good as the analogue one (but in some purposes is superior) and the preparation has got marked hemostatic Medical device «Alufer-Bel» in the experimental gastroduodenal bleeding, preventing the development of life important system disfunctions, and it also doesn't make a great damaging influence and doesn't have a resorption effect when it is applied to stomach mucous. Hemostatic Medical device «Alufer-Bel» effectiveness of the preparation is shown in endoscopic treatment gastroduodenal bleeding with varied etiology. On the basis of it, the technique of endoscopic hemostasis with application of «Alufer-Bel» was developed.

Results significance: endoscopic drawing of a hemostatic Medical device «Alufer-Bel» on a source of gastroduodenal bleedings can be effectively applied in a wide clinical practice for the primary hemostasis and also for preventive treatment of rebleeding.

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