

Міністэрства аховы здароўя Рэспублікі Беларусь

ДЗЯРЖАЎНАЯ ЎСТАНОВА
«РЭСПУБЛІКАНСКІ НАВУКОВА-
ПРАКТЫЧНЫ ЦЭНТР
ТРАНСФУЗИЯЛОГІІ І
БІАТЭХНАЛОГІІ»

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State Enterprise «Republican
Practical and Research Center for
Transfusiology and Medical
Biotechnologies»

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**Indications for usage of medical product Alufer-Bel recommended by head surgeon of
Zelvenskaya hospital based on personal experience and usage -
the town of Zelva, the Republic of Belarus**

Recommended for usage as topical hemostatic remedy in conditions of bleeding, fixation or agglutination of tissues for various operative intervention, for example:

_hemostasis in case of injury of liver, kidneys and spleen, hepatectomy, enucleation of bile acid, parenchyma agglutination at kidneys, liver, spleen and pancreas operations;

_hemostasis in case of gastrointestinal erosive ulcerous hemorrhages;

_in patients with Vergolf disease, aplastic hypoplastic anemia, hemophilia, and other conditions accompanied by capillary bleeding;

_hemostasis in topical superficial skin wounds and subcutaneous tissue;

_bleeding after tonsillectomy, epistaxis, and other bleeding;

Dose regimen

Alufer-Bel is only for local application. In medical endoscopy in order to assure valid hemostasis at gastrointestinal bleeding Alufer-Bel is picked into a syringe, and then the source of bleeding is irrigated with the drug in the quantity of 5 ml under visual control through Teflon catheter installed in instrumental channel of endoscope.

The moment of hemostasis is achieved when the clots of black color are formed that are tightly fixed to a vessel or damaged mucous membrane. The irrigation is performed while treating the surface from top downward, which provides the best contact between the source of bleeding and the drug.

If irrigation of larger mucous membrane surface is needed (bleeding acute multiple ulcers or ulcer of over 3 cm diameter, erosive hemorrhagic gastritis), in order to eliminate overdosing, **Alufer-Bel is to be diluted with standard solution (5%) of aminocaproic acid or isotonic solution of Sodium chloride at the ratio of 1:5. If introduction through a probe is necessary, the drug is diluted at the ratio of 1:8.**

For hemostasis from parenchymatous organs the following method of application therapy is used: apply gauze tissue moistened with Alufer-Bel on bleeding surface and press slightly. The exposure time necessary for a complete hemostasis is 10-15 s. If necessary it can be increased up to 30 s. In case of liver damage of 4-6 cm depth and mixed bleeding hemostasis is performed by drug introduction with syringe and fine needle directly in the wound depth in the quantity of 5-7 ml. After hemostasis the wound edges are brought together and slightly pressed to each other for 5-20 s in order to provide their “gluing” without cavity formation. For resection of hepatic lobes, cyst removal after local application of Alufer-Bel, large blood vessels are sutured with catgut.

At bleeding after tonsillectomy impregnate a cotton pellet of 1x1 cm with the drug and press to a bleeding section of tonsillar niche. A clot is formed after 15-20 s. If necessary repeat the procedure several times (if bleeding zone is large) without removing initially formed clot. Then press tightly the clot with cotton or gauze ball for several seconds and remove the ball.

The procedure **at epistaxis** is the same. If epistaxis is spontaneous, press a cotton ball of 0.5x0.5 cm impregnated with Alufer-Bel to a bleeding section and hold for 20-30 s. if the bleeding resists it is possible to introduce one more ball without removing the first one.

Application of Alufer-Bel can cause a transient irritation of nasal mucus (burning, sneezing). To avoid it please use 10% lidocaine spray. Hemostasis from local superficial skin wounds with subcutaneous tissue is performed by application of a cotton ball of 1.0x1.0 cm impregnated with Alufer-Bel on a wound for 10-15 s. It is possible to impregnate the ball with Alufer-Bel solution in aminocaproic acid (5%) at the ratio of 1 drug to 2 acid.

Side effect

Multi usage of Alufer-Bel (treatment of damaged skin) can eventually cause transient skin coloration in yellowish-brown color disappearing after termination of drug usage.

Contraindication for usage

Contraindications for usage of Alufer-Bel are not found.

Pregnancy and lactation period

Studies of drug effect during pregnancy and lactation period were not carried out, that is why the drug is to be used only under physician's indication.

Administration by elderly patients is possible.

Special indications

Usage of drug in elderly patients and gerontological practice.

Contraindications for Alufer-Bel usage in elderly patients are not found. Cases of Alufer-Bel usage in gerontological practice are not described.

Usage in pediatrics

Alufer-Bel was not administered in pediatrics.

Safety measures

Avoid drug contact with eye mucous.

Effect on driving and mechanisms operating

None.

Overdose

Overdose cases of drug usage are not described.

Drug interaction

Clinically significant interaction of Alufer-Bel with other drugs is not determined.

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I hereby certify authenticity of the translation with the original. Translator: N.Tsarik.

