

# Haemoblock®

MULTI-PURPOSE TOPICAL  
HAEMOSTATIC SOLUTION



In the most time-critical moments  
every second counts.

QUICK & EFFECTIVE DECISIONS  
MAKE THE DIFFERENCE

ALMOST  
**500,000**  
VIALS SOLD  
WORLDWIDE!



**Haemoblock<sup>®</sup>** contains a partial silver salt of poly(acrylic) acid.

**Developed by:**

Moscow Regional Institute of Blood.

**WEB:** [www.haemoblock.ru/en](http://www.haemoblock.ru/en)



RESULT OF  
**10 YEARS**  
OF RESEARCH  
5 INTERNATIONAL PATENTS  
AND APPLICATIONS!



*Silver Ions*

*Antiseptic  
Action*

**Prophylaxis and treatment  
of wound infections and  
inflammations**

Pronounced bactericidal  
properties towards a broad  
spectrum of microorganisms

*Poli(acrylic) matrix*

*Haemostatic  
Action*

**Fast haemostasis without  
and known side effects.**

## NONSPECIFIC ACTION MECHANISM

Haemoblock® forms a resorbable elastic film-type clot through interaction with blood plasma proteins (mainly with albumin), platelets and subendothelial collagen, etc.

Haemostasis is achieved through formation of the aforementioned clot.

*Elastic clot in-vitro*



## UNIQUE HAEMOSTATIC SOLUTION

### ***Fast Action***

Haemostasis is achieved in 1-3 mins.

### ***Easy & Convenient Application***

Aqueous solution, antiseptic effect

### ***Easy & Convenient Application***

Local topical application, does not show any adverse effects on tissues, pH-neutral

## HIGHLY EFFECTIVE HAEMOSTATIC

- Unique non-specific action mechanism: **Haemoblock®** forms a resorbable clot through interaction with blood plasma proteins, mainly with albumin.
- The preparation is equally effective for patients with blood clotting disorders (e.g. hemophilia, von Willebrand syndrome).
- No allergic reactions or adverse side effects shown after 5 years of use.
- pH neutral: Does not cause irritation or resorption of the contacting tissue. Does not cause tissue burns.
- In surgeries involving **Haemoblock®** increases in ESR or leukocytes were not observed. Does not cause intravascular thrombosis. Wounds are healing with primary suture without suppuration.
- Does not influence patient's general blood stream and coagulability.

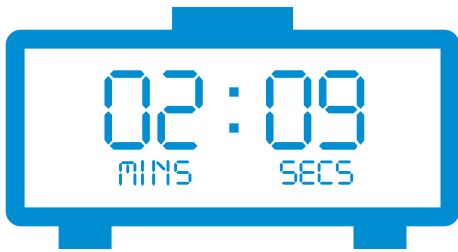
## APPLICATION FIELDS

- Abdominal Surgery and Proctology
- Postoperative Care and Wound Care
- Endoscopy and Laparoscopy
- Obstetrics and Gynaecology
- Otolaryngology
- Urology
- Vascular Surgery
- Trauma Surgery
- Surgery of Burns



# ACHIEVED STABLE HAEMOSTATIC EFFECT IN 88.5% CASE<sup>1</sup>

≈ 2.09 minutes<sup>1</sup>



## DELIVERY METHOD:

Moistened gauze through laparoscopic port

≈ 2.53 minutes<sup>1</sup>



## DELIVERY METHOD:

Moistened gauze during open surgery

## EASY APPLICATION METHOD

- Sterile cotton or gauze surgical swab or bandage is impregnated (soaked) with the solution and applied to a drained wound surface. Haemostasis is achieved fast (usually within 1-2 min).
- Irrigation of the wound surface (without further rinse)
- Through a laparoscope or endoscope.



*Before*



*After*

# Haemoblock®

Multiple potential uses in various fields of surgery

Fast haemostatic action

Easy application



## References

1. Andreev A.I. et al. Kazanskiy Meditsinskiy Zhurnal. 2015;96(3):451-455

## Abbreviated Product Information

**Composition:** Aqueous solution of partial silver polyacrylate, contains silver nanoparticles. **Indications:** Parenchymal and capillary bleeding: during surgical procedures, including procedures on parenchymal organs, trauma and burns of skin or mucosae. **Contraindications:** Incompatible with aminocaproic acid. **Storage:** Store in a dry cool place, protect from light. **Presentation:** 1% solution in 30 mL bottle.

## Developed by:

Moscow Regional Institute of Blood. **WEB:** <https://haemoblock.ru/en>



## MANUFACTURER

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