

**SILVER DRESSING APPLICATION FOR TREATMENT OF BURN WOUNDS**

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At present, the second birth acquires drugs with silver with broad antibacterial, antifungal and antiviral properties. All over the world wide distribution in the treatment of the burned were creams through sulfadiazine and sulfathiazole silver\*. However, the fact that the pathogenic microbial flora in the wounds rapidly becoming resistant to antibacterial drugs, said reducing the sensitivity of strains – burn infection pathogens to these drugs. Given this fact, promising is the use of combined dressing containing silver in its composition. Therapeutic effect of these dressing is sold through their atraumatic, drainage and absorbing properties, ability to maintain a moist wound environment necessary for an optimal healing and antimicrobial properties of silver products. Prolonged release of silver from dressing guarantee their antiseptic effect for a long time.

At the Department of thermal injuries, wounds and wound infections studied the effectiveness of a modern silver dressing series\*\*, containing in its composition nanocrystals silverware that distinguishes them from the usual silver much more surface, a rapid release of ions, and hence a higher level of antibacterial activity. The high efficiency silver dressing for the treatment of patients with superficial burns, deep burns after surgery necrectomy at the stage of preparing them to autografting, as well as the long-existing residual burn wounds. Silver dressing do not require advance preparation, a well-simulated in the wounds. Side effects in their application have not been observed.

Integrated studies to clarify the indications and methods of application silver dressing in the burned should be continued

\* Silvaden, Flamazin, Dermazin, Ebermin, Agrosulfan

\*\* Acticoat, Smith & Nephew Medical Limited, United Kingdom of Great Britain and Northern Ireland