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Reparative histogenesis of skin: Reaction on the application of L-cysteine of argentum nitrate gel

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ABSTRACT

The effect of L-cysteine of argentum nitrate gel on the wound process of experimental animals is investigated. The results show that the nanogel, being bacteriostatic, accelerates the course of inflammation phase resulting in fast cleansing of the wound surface and stimulation of the granulation tissue formation. The main cell elements of this tissue—fibroblasts are characterized by the state of functional excitation. The time of wound healing with the use of L-cysteine of argentum nitrate gel was reduced by three days, and the index of wound repair acceleration was about 20%.

KEYWORDS

L-Cysteine of Argentum Nitrate Gel; Skin; Healing Process; Wound Repair Stimulation; Fibroblasts

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