

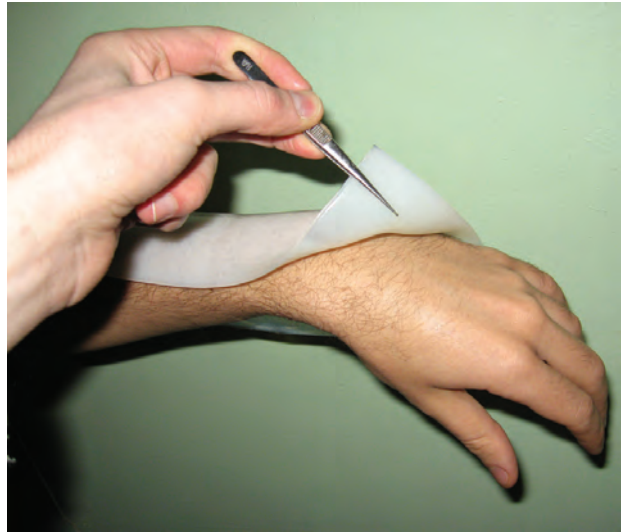
HYDROGEL DRESSINGS FOR PROMOTED HEALING OF WOUNDS AND BURNS

Areas of Application

Used in medicine, dermatology, cosmetology, veterinary medicine to treat burns, ulcers, infected and festering wounds with different exudation and affected area

Specification

The line of products with different composition of medicinal substances depending on purpose has been developed. Dressing is an opaque elastic sheet. Its dimensions can vary from $80 \times 80 \times 2$ mm to $160 \times 250 \times 2$ mm, 2 mm thick; swelling: 150–250%; vapor permeability: $4.85 - 5.9 \text{ mg/cm}^2 \cdot \text{h}$



Advantages

The hydrogel dressings are 2–5 times cheaper than the world analogs, have prolonged therapeutic effect due to desorption of biologically active substances. Their plasticity ensures a complete simulation of the wound surface. The dressings provide equal therapeutic effect on the whole area of the wound, do not stick to wounds and healthy skin, can be safely removed or changed, don't cause allergic reactions and don't contain any toxic components

Stage of Development.

Suggestion for Commercialization

IRL5, TRL4

The product and manufacturing technology are completely ready to start up the production according to the prepared business plan. Small batches manufactured upon request. Investments are needed for passing state certification procedures and building a pilot production line

IPR Protection

IPR3

Contact Information

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