

CARBON ABSORBENT DRESSING BASED ON ACTIVATED CARBON FIBROUS MATERIALS



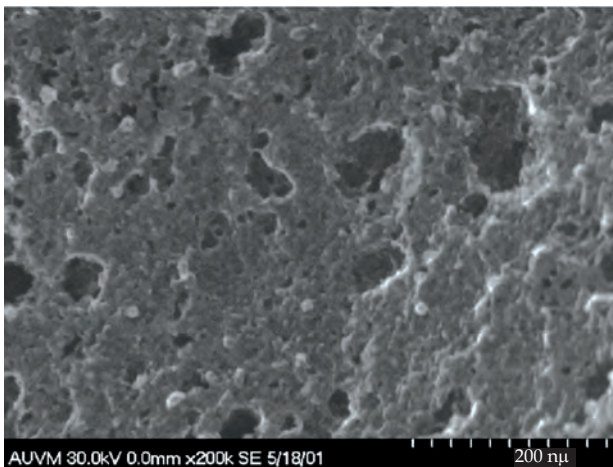
Carbon absorbent dressing

Areas of Application

The dressing is to be used in general and military surgery, combustiology to treat wounds and burns of various degrees of severity, including domestic accident burns, inflammatory complications, trophic ulcers, bedsores. It relieves the traumatic edema, reduces the intensity of local and general inflammatory response, accelerates regenerative processes, and prevents the development of complications

Specification

The dressing has a high adsorption activity due to a large pore surface area of fibrous carbon materials (1800–2400 m²/g), provides rapid adsorption of wound toxic products, bacterial toxins, and microbial cells. Available in any size in sterile double packaging. Certified for compliance with international standards in the manufacture and sale of medical devices



Porous surface of fibrous carbon materials

Advantages

There are no domestic counterparts. The absorbent capacity of the dressing is 1.5–3 times higher than that of the best foreign analogs, which enables to shorten the wound healing period 1.5–1.7 times

IPR Protection

IPR1, IPR3

Stage of Development. Suggestion for Commercialization

IRL8, TRL7
Manufactured, upon request.
Seeking partners for organization of manufacture

Contact Information

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