

ABSTRACT

WOUND-COVERING HYDROGEL MATERIAL

A wound-covering hydrogel material which has excellent stretchability and absorbs exudates from wounds. It can maintain over long a wet environment which is suitable for accelerating the healing of wounds. There is no fear of causing pain or damaging the regenerated skin when the wound-covering hydrogel material is replaced with a fresh one. The wound-covering hydrogel material prepared by spreading a hydrogel comprising a water-soluble semi-synthetic polymer, glycerol and water, on a laminated two-layer film composed of a polyurethane film and hydrophobic fibers. The covering material has a moisture permeability as measured by the cup method in accordance with JIS Z0208 of 500-2,000(g/m²/24h).

Fig. 1