

Use of *Elasto-Gel*[™] * In Burn Therapy

When? Why?

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The authors report their results using *Elasto-Gel*[™] (*EG*) in the treatment of burns and wounds. They are studying the effect of *EG* for the exact indications: (1) on traumatic wounds, and (2) burn wounds.

Since 1993 they have employed *EG* in their practice for treatment of:

- Burn wounds - 23 cases
- Traumatic wounds - 15 cases
- Scars - 11 cases.

Particularly:

1. Wounds after necroctomy (debridement)
2. Infected wound surface
3. Mixed thickness - superficial and deep burns
4. Torpid granulation surface
5. Hypertrophic scarring

The main therapeutical effect of *EG* is the appearance of final wound healing and infection control. In addition, the author's recommendations are to use *EG* as a dressing for:

1. Necrotic wounds
2. Full-thickness, 3rd degree burns and 4th degree burns (temporary)
3. Skin and subcutaneous tissue in defected wounds
4. A skin substitute for preparation of the wound surface before skin grafting
5. Prevention and decrease of hypertrophic scars

To Summarize: *EG* has very good wound healing properties. We had no infection at all in any of the wounds in our practice, in spite of the serious illness of the patients.

The prevention of dehydration decreases the secondary loss of tissue significantly. This effect reverses the process of death of the damaged tissue and by this effect, *EG* helps increase the wound healing. Proper debridement can solve this problem. We believe that using *EG* is perfect, if we use it only for certain wounds or stages of healing and not during the whole process of wound healing.

We plan to continue our studies in order to make more specific the indications for applications and effects of *Elasto-Gel*[™] dressings.

**Elasto-Gel*[™] is a new generation Hydrogel based on glycerine (65%) and manufactured by Southwest Technologies, Inc., North Kansas City, Missouri, USA.