

OUR EXPERIENCE IN THE TREATMENT OF BURN PATIENTS WITH HYALURONIC ACID AND COLLAGENASES

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Introduction

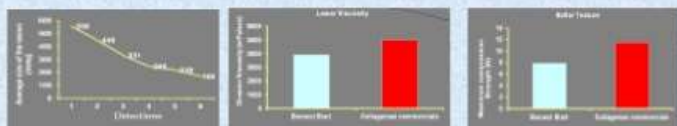
The goal, in the treatment of second-degree burn, is to achieve, in the shortest time, the debridement of the wound to prepare the patients for skin grafting. The sodium hyaluronate topical* is an ointment composed of hyaluronic acid, sodium salt 0,2% and bacterial collagenases extracted from *Vibrio Alginolyticus*, a non-pathogenic bacterium. The main peculiarity of the product are: **SELECTIVITY** (it acts on type 1 collagen and denatured collagen); **PROTECTIVE ACTION TOWARD LIVING TISSUES** (the presence of hyaluronic acid ensures no maceration of healthy tissues); **REGENERATIVE CAPACITY**; **INCREASED DURATION OF ACTIVITY** (up to 24 hours).

Aim

The aim of this study is to evaluate the clinical efficacy of the sodium hyaluronate topical* in deep second degree burns in long term.

Method

In this prospective randomized study the sodium hyaluronate topical* was used as wound dressing in 34 patients with deep second degree burns. The dressing was applied and kept in situ covered by paraffin gauze. All patients were treated with daily dressing.



Results

It showed a good improvement, visible already at day 5. Moreover, the medical treatment promoted faster and complete wound healing in 20 out of 34 patients. Surgical skin graft was needed in the remnant 14 patients.



Case 1: IInd and IIIrd degree circular burn of the hand. A: after 2 days from injurie. B: after 3 applications. C and F: result after 38 days.



Case 2: Electric second degree burn of both hands.

* Bionect start (Fidia, Italy)