

عنوان مقاله:

(A Case Report of the Extensive Traumatic Ulcer Healing Using Negative-Pressure Wound Therapy (NPWT

محل انتشار:

سومین کنگره بین المللی و پنجمین کنگره ملی زخم و ترمیم بافت (سال: 1397)

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خلاصه مقاله:

Background: 5.8 million people die annually due to trauma. A traumatic wound may be a small incision or a large scar which damages the underlying soft tissues including muscle and bone. Deciding whether to treat widespread and profound wounds from trauma is difficult for a physician, and the most common way of treating them is to wash dead tissue and debris. Wound healing in this method without auxiliary treatments is very difficult and slow in many cases. Methods: A 44-year-old woman who had a wide and deep wound on the right thigh due to an accident, and in addition to antibiotic therapy for more than 40 days, was hospitalized and washed daily in the operating room, his leg washed with serum But his wound did not recover, and had a lot of discharge and funky. At the beginning of the treatment, the traditional daily washing and gas dressing method was discontinued and the patient was exposed to 12 days (four sessions) under vacuum pressure using a negative pressure device, First, the location of the wound was washed and then on the wound, black foam was placed and applied after a completely closed environment, applied for up to three days, a negative and continuous pressure of 120 mmHg to the wound. After three days, the dressing was removed and the process repeated. Results: After the first session of Vacuum Therapy, the formation of granulation and wound depth was quite evident, finally, after 12 days (fourth session), the widespread and deep wound of the patient was completely granulated with tissue, the wound edges, which had a massive scar around the wound, were completely attached to the wound bed, and the ulcer was completely superficial, and the day 14 was closed by a plastic surgeon using a graft. Conclusion: Vaccination therapy can be a good treatment for widespread and secreted wounds due to trauma. Therefore, it is recommended to use this method in patients with traumatic ulcer

کلمات کلیدی:

Trauma, Vacuum Therapy, Wound

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