

# Effect of a new antioxidant dressing on the activation of chronic wounds

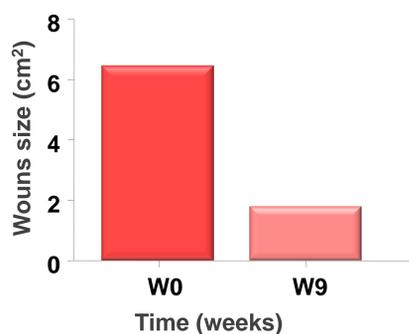
**Objective:** To activate the healing of chronic lesions of different etiology, which do not respond to the applied treatments, in three patients with basal pathologies that hinder the healing process. The lesions were treated with Reoxcare, using paraffined mesh, hydrofiber, and compressive bandages as secondary dressings. Perilesional skin was protected with barrier cream.

**Method:** Reoxcare is a dressing from natural (plant) origin with a powerful antioxidant effect, which helps overcoming the inflammatory phase and activating the healing process. It is placed directly in the wound bed without previous debridement and is changed every 3-4 days. The size of the wound, the level of exudates and the type of tissue in the wound bed were evaluated weekly.

**Results:** From the first application, a great capacity to eliminate the non-viable tissues, the induction of new granulation tissue formation and wound edges activation were observed. A significant decrease in the depth and surface of the wound was obtained.

**Conclusions:** Reoxcare achieved progression in recalcitrant wounds, eliminating non-viable tissues, inducing granulation and promoting epithelialization progress.

## CASE 1



**Patient:** 54 year-old man

**Background:** congenital malformation in the left lower limb. Active worker, constantly unable to work due to the disability caused by the injury.

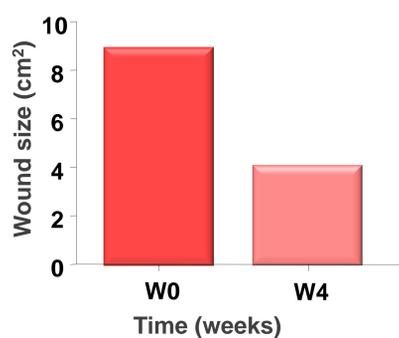
**Wound:**

<b>Location</b>	Left lower limb instep
<b>Etiology</b>	Post-surgical
<b>Evolution</b>	15 years

**Treatment with Reoxcare:**

<b>Secondary</b>	Cuticell, Hydrofiber, Compressive bandage
<b>Results</b>	Removal of denatured fibrin from wound bed Formation of new granulation tissue 72% reduction of the wound size

## CASE 2



**Patient:** 78 year-old woman

**Background:** Insulin-dependent DM-2, scleroderma-Crest with Raynaud's phenomenon with sclerodactyly, thrombotic events in the lower limbs and iron deficiency anemia.

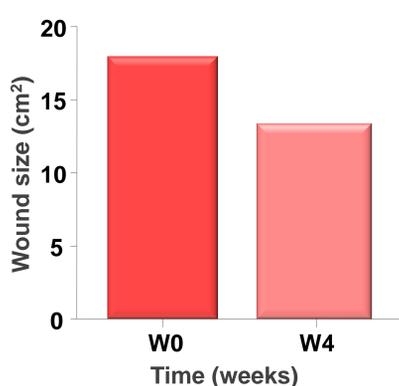
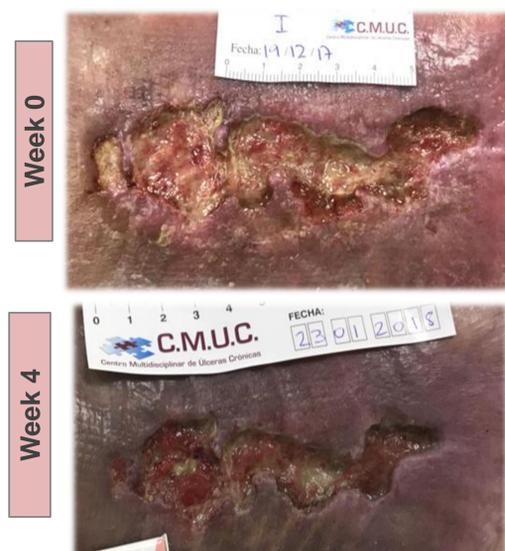
**Wound:**

<b>Location</b>	Left lower limb tibial area
<b>Etiology</b>	Venous secondary to scleroderma
<b>Evolution</b>	4 years

**Treatment with Reoxcare:**

<b>Secondary</b>	Paraffined mesh, Hydrofiber
<b>Results</b>	Induction of granulation tissue formation 54% decrease of wound size Significant reduction of pain

## CASE 3



**Patient:** 43 year-old man

**Background :** Bullous pemphingoid. Perivascular superficial and deep interstitial dermatitis.

**Wound:**

<b>Location</b>	Right malleolar zone, right leg
<b>Etiology</b>	Venous, postvaricose
<b>Evolution</b>	4 years

**Treatment with Reoxcare:**

<b>Secondary</b>	Paraffined mesh, Hydrofiber, Compressive bandage
<b>Results</b>	Elimination of sloughed tissue Induction of granulation tissue formation 25% decrease of wound size