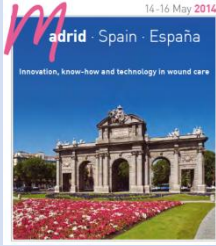


# RADIODERMATITIS IN NEOPLASTIC PATIENTS: A TREATMENT PROTOCOL



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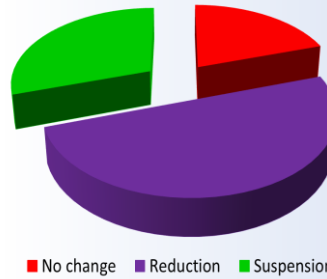
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**AIM :** radiotherapy can cause very important skin lesions that give sclerosis of the skin that looks thick, inelastic and hypohydrated; the purpose of this work is to demonstrate the effectiveness of a specific product for the treatment of radiodermatitis.

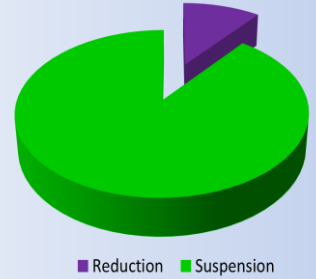
**METHODS:** the study involved 20 patients with radiodermatitis. We used a phospholipid based vesicular system suspended in a hyaluronic acid gel\* applied daily. We evaluated the time of disappearance of the erythema and the effectiveness of treatment on pain (for pain assessment we used the Numerical Rating Scale). We also examined the possible reduction in the use of analgesic drugs. The study duration was determined by the achievement of the result and, in any case, the time of evaluation should not be more than 3 weeks.

**RESULTS:** in all treated patients we had reduction/disappearance of erythema within three weeks of treatment; the efficacy in pain control can be described as excellent with significant reduction in symptoms within the first week of treatment. In most cases there was a significant reduction in the use of analgesic drugs.

Use of Analgesic Drugs - First Week



Use of Analgesic Drugs - Third Week



Radiodermatitis of sacrum

After 1 week

After 3 weeks of treatment



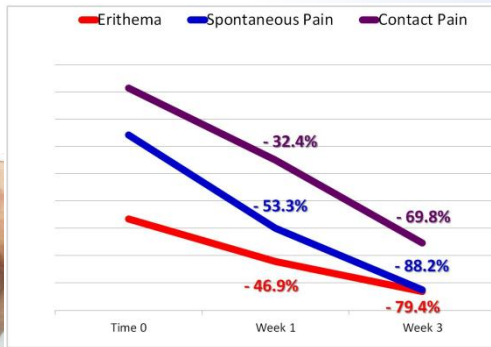
Radiodermatitis of the breast

Pain (10 - NRS)



No lesions of the periwound skin

Complete removal of the pain (0 - NRS) within 3 weeks



Radiodermatitis of the neck

Skin lesion  
Heavy exudate  
Infection risk  
Pain (10 - NRS)

Complete resolution after 3 weeks of treatment



**CONCLUSIONS:** the effectiveness of this new protocol on radiodermatitis, and especially on the pain, motivated us to build a treatment protocol that provides for the application of the gel over the entire affected area, daily, to achieve the best result in pain control. This product can be considered safe because in all patients the treatment has given good comfort and allergic reactions were not detected nor was induced pain to the application.

## OFF LABEL INDICATIONS



Macerated erythema of the breast - After 6 days of treatment



\*Jalosome (WelCare Industries)

Liposomes (carrier)  
LMW Hyaluronic Acid  
N-acetilcarnitine  
Allantoin

## OFF LABEL INDICATIONS



Inguinal macerated erythema - After 5 days of treatment



Centro Vulnologico Italiano Torino

