

TREATMENT OF VENOUS DERMATITIS WITH A NEW SKIN PROTECTANT CONTAINING OLIVAMINE™ *

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INTRODUCTION

Assessment and treatment of periwound skin remains an important component in advanced skin and wound care. This surrounding skin can offer a great deal of information about the patient and their wound(s). It can also confirm or aid in the determination of cause of the wound and effects of treatment.

PROBLEM

Venous disease and leg ulcers are often accompanied by skin problems caused by venous hypertension and edema such as venous dermatitis. Patients frequently complain about skin tenderness, pain and burning as a result. The skin may present as erythematous and weeping or dry and scaly.

OBJECTIVE

Evaluate a new advanced skin protectant that offered endermic nutrition in addition to superior barrier properties.

PRODUCT OVERVIEW

Olivamine* is a proprietary blend of antioxidants, including the most potent free-radical scavenger, hydroxytyrosol derived from olives, amino acids, their co-factors (vitamin B6 and vitamin B3) and methylsulfonylmethane (MSM), which slows the conduction of pain fibers. The ingredients are all known to play a vital role in basic cellular construction and protection. The barrier chosen to evaluate contains Olivamine to nourish the skin cells. In addition, active ingredients zinc oxide (20%) and menthol (0.40%) offer protection and pain relief on contact. The components of Olivamine are treated with photoacoustic resonance to reshape them into a more bioavailable form which decreases inflammation 11-fold. In addition, the barrier chosen to evaluate contains all natural ingredients including organic aloe vera and natural oils to nourish the skin.

Calazime Skin Paste, REMEDY Advanced Skin Care, from Medline Industries, Inc., Mundelein, IL. Olivamine is a trademark.

METHODOLOGY

An elderly male with a 10-year history of venous hypertension, open ulcerations and venous dermatitis was evaluated. His wounds healed after treatment with advanced wound care products including multi-layer compression bandages. Although the ulcerations healed, the patient suffered from lingering venous dermatitis, which was recalcitrant to several commonly used topical ointments and barriers. The following four photographs were taken prior to evaluation and application of the new advanced skin protectant.



A new advanced skin care protectant was chosen for its ability to nourish the skin with amino acids, vitamins, antioxidants, menthol, Olivamine* and methylsulfonylmethane (MSM). Upon application of the paste, the patient verbalized a soothing sensation on his skin and his pain level decreased immediately.



RESULTS

Within one week, a dramatic improvement in the appearance of his skin and a noticeable decrease in the degree of erythema to the lower extremities was assessed. The patient expressed relief from his itching. The venous dermatitis was 100% resolved and the skin was clear within three weeks.



At week one after initiation of treatment



At week two after initiation of treatment



At week three after initiation of treatment, 100% resolution of venous dermatitis

CONCLUSIONS

Venous dermatitis can be effectively treated with the use of the new Olivamine containing advanced skin care paste. Moreover, the product provided relief of pain and itching as well as contributing topical nutrition to the skin cells.

FOLLOW-UP

The patient continues to manage well with his edema in check, consistently wearing compression hosiery (staff call to remind him to purchase new ones every six months), elevating his lower extremities and using the new Olivamine containing advanced skin care paste, which has successfully kept his skin intact, protected and moisturized.

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