



ATOPIC ECZEMA/DERMATITIS

EFFICACY OF A NOVEL EPIDERMAL REPAIR CREAM FOR THE TREATMENT OF ECZEMA

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Introduction: Eczema is a chronic inflammatory skin disorder with symptoms that fluctuate with remissions and relapses. Symptoms include dry, scaly skin, erythema and itching which may be intense and have a significant negative impact on quality of life of affected individuals.

Objective: To assess the ability of a new epidermal repair cream to improve the condition and appearance of the skin of patients with eczema.

Materials and Methods: Participants included healthy male and female subjects ≥ 25 years old with moderate to severe eczema (N=47). Following a 7-day washout period, subjects used a hydrating cleanser twice daily prior to applying the test product to affected areas for 12 weeks. A SPF30 sunscreen was applied 15 mins prior to sun exposure and reapplied at least every 2 hours. Subjects were evaluated after 2, 4, 8 and 12 weeks of use. Objective and subjective assessments of efficacy included expert clinical grading, instrument assessment (corneometer), photographic imaging and subject questionnaires.

Results: The subjects completing the study were female (n=33) and male (n=9) with a mean (SD) age of 50.1 (14.6) years (range, 25-76 years) who described themselves as White (n=25), Black (n=12), Multiracial (n=3) or undisclosed (n=2). Efficacy measures demonstrated reduced skin itching, dryness/flaking and improved skin texture, hydration and overall appearance of eczema on the face and torso after 12 weeks of treatment (for each, $p < 0.001$). Improvement in redness was significant on the torso ($p < 0.001$) and substantial on the face ($p = 0.070$). Itching was significantly decreased and subject satisfaction was high (for each, $p < 0.001$). No adverse events were reported during the study.

Conclusions: A novel epidermal repair cream is a safe and effective treatment for patients with eczema.

