



ATOPIC ECZEMA/DERMATITIS

NOVEL BOTANICAL FOR ATOPIC DERMATITIS

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Background: Controlling atopic dermatitis (AD) is a treatment challenge. This research examined a barrier-protective non-steroidal emulsion based on botanicals known to have anti-inflammatory properties assisting in the relief of AD symptoms.

Objective: The purpose of this research was to validate the effectiveness of a botanical combination for the treatment of AD in an adult and pediatric population.

Materials and Methods: The study was an interventional, multi-center, double-blind, randomized, controlled study. Subjects were randomly divided into three even treatment groups: botanical product, botanical product vehicle and comparator. The vehicle product included all ingredients as in the tested product without the botanical combination, while the comparator was a leading nonprescription moisturizer. All three groups used a similar facial and body cleanser followed by one of the three treatment creams to the affected areas twice daily. The investigators assessed the severity of each subject for one month.

Results: 108 subjects with mild to moderate atopic dermatitis were recruited for the study, 71 females and 37 males, ages 3 to 73 years of all Fitzpatrick skin types. The tested product demonstrated an improvement in IGA and BSA over the vehicle at days 7, 14, and 28. Use of the test product and the comparator produced an IGA rating of clear in 34% percent of the subjects, demonstrating superiority over vehicle. The BSA improvement comparison analysis of the test botanical product over the vehicle yielded a statistically significant $p=0.0369$.

Conclusion: The study results demonstrate the value of a botanical combination moisturizer in subjects with AD. During the clearing phase and maintenance phase of AD, non-steroidal botanical products may provide enhanced improvement and symptom control.

