

Color and TEWL

Assessing the effectiveness and safety profile of a new therapy for atopic dermatitis



Case information

Study title: Open-label, single-arm, single-centre clinical study on the effectiveness and safety of a moisturizer containing tocotrienol-rich composition in children with mild to moderate atopic dermatitis

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Aim: To evaluate the effectiveness and safety of a new moisturizer containing natural vitamin E in the treatment of atopic dermatitis (AD) in children.

Solution and method

30 children aged between 1 month and 12 years with mild to moderate atopic dermatitis were recruited to the study.

Participants were instructed to apply the investigated product thrice daily to the affected AD lesion sites for 12 consecutive weeks.

A DermaLab Combo was used to objectively assess skin color and TEWL in the patients before, during, and after the treatment to evaluate treatment response.

Results and conclusions

According to the study, the moisturizer demonstrated a significant reduction in erythema index (17.4%) and TEWL (49.7%) after 12 weeks of treatment.

Please note: Cortex devices provide objective measurement data for research and cosmetic studies. They are not intended for diagnosis or treatment of medical conditions.

BENEFITS of the DermaLab Probes

Non-invasive measurements:

The DermaLab Probes provide non-invasive measurements of skin parameters, allowing for repeated measurements without harming or altering the skin barrier.

Objective, reliable data:

The probes and accompanying software offer immediate and accurate assessments of TEWL and color, delivering objective data essential for this study. The reliable data is ideal for statistical analysis and provides strong study credibility

Versatility:

The probes are part of the DermaLab series, allowing combination with additional skin parameter measurements to strengthen study findings. This establishes the DermaLab series as an invaluable tool for both dermatological research and cosmetic efficacy studies.



The DermaLab Combo

Is highly customizable and provides advanced measurements. Choose between 12 probes and combine up to 9 skin parameters in one device.

To learn more about our solutions, visit cortex.dk



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