

Skin thickness and density

Assessing the effect of Vitamin C-based serum on skin photoageing



Case information

Study Title: In vivo efficacy of a stabilized Vitamin C-based serum at pH 6 on some ageing facial signs of women of different ages and phototypes

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Aim: The study aimed to assess the efficacy of a stabilized Vitamin C-based serum on skin photoageing of women of various age and phototype.

Solution and method

The study was conducted in Mauritius and included 80 participating women in the age group 45-70 years. The participants replaced their usual skin care routine by using the new Vitamin C-based serum along with a neutral moisturizing cream for 56 days. The DermaScan analysed skin density and thickness on the temple area both before and during the treatment.

Results and conclusions

By using the DermaScan the study found a significant improvement in skin thickness and density following regular application of the serum. The DermaScan assisted the study in concluding that the Vitamin C-based serum is compatible for daily use and is a valid anti-ageing approach in routine.

BENEFITS of the DermaScan

Skin density analysis for advanced cosmetic testing:

The DermaScan provides accurate measurements and imaging of skin density. This is optimal for evaluating skin rejuvenation products such as serums where cosmetic active compounds are applied to the skin to alleviate signs of skin aging.

Objective, reliable data:

The DermaScan offers immediate and accurate assessments of skin density, delivering objective and reliable data essential for this study.

Non-invasive measurements:

The device provides non-invasive measurements and visualization of skin layers, allowing for repeated measurements without harming or altering the skin barrier. This ensures high comfort and efficient workflows.



The DermaScan

Provides outstanding image quality based on ultra high frequency ultrasound.

To learn more about our solutions, visit cortex.dk.



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