

Color

Utilizing the DSM Colorimeter to investigate the effect of a facial hyperpigmentation treatment



Case information

Study title: The clinical benefit of a multimodal topical approach to treating skin dyspigmentation

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Aim: To demonstrate the efficacy of a pigment lightening cream

Solution and method

50 participants of varying skin tones and mild to moderate facial dyspigmentation were recruited to the study. The participants were instructed to apply the product to the entire face twice daily for 16 weeks.

A DSM III Colorimeter was used to measure the melanin index of hyperpigmented spots both before, during, and after the intervention.

Please note: The study was conducted using DSM-III. The image above shows the most recent edition of the DSM – the DSM-IV.

Results and conclusions

The study found significant decreases in melanin indexes after product application, as measured using the DSM Colorimeter.

The study concluded that the product was effective in reducing facial dyspigmentation.

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 DSM

Accurate and objective measurements:

The DSM IV is the updated version of the DSM III and offers reliable skin color measurements with high measurement accuracy of skin phototype and key parameters.

Comprehensive skin color technology:

The DSM IV enables 4-in-1 measurements at the same spot: melanin/erythema index, CIE L*a*b, ITA, and gloss. This makes the device ideal for many applications, including cosmetic testing and quantification of skin color changes.

Portable design:

The DSM IV comes with a modern and portable design with an integrated calibrator, making the device perfect for working remote.



The DSM-4 Colorimeter

Is the highly updated version of the DSM III and provides the newest skin color analysis technology

To learn more about our solutions, visit cortex.dk



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