



AESTHETIC AND COSMETIC DERMATOLOGY (LASERS SEPARATE CATEGORY)

FORMULATIONS CONTAINING A COMBINATION OF AHA, SAPONIN AND HYALURONIC ACID SIGNIFICANTLY IMPROVE BLEMISHES AND WRINKLES IN SUBJECTS WITH AGEING SKIN AND ACNE TARDA

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Introduction & Objectives: Acne is number one dermatological diagnose. In 20-40% acne persists after the age of 25 years. Simultaneously morphological ageing related changes of skin and supporting structures lead to the formation of wrinkles.

We tested the improvement of comedones and spots as well as wrinkle reduction of a formulation containing: Multi-molecular Hyaluronic Acid, Glycine Saponin plus a combination of Glycolic Acid, Lactic Acid and Gluconolactone.

Materials & Methods: A dermocosmetic formulation with Glycine Saponin, Multi-molecular Hyaluronic Acid and AHA complex was applied once in the evening over a four-week period in a single center, in-vivo study, under dermatological control. 34 female volunteers ranging from 35 to 55 years showing a significant baseline level of comedones and moderate to deep wrinkles took part in this study, from which 23 subjects had the diagnose "acne tarda". Number and quality of comedones and spots were dermatologically assessed by an expert on the face at baseline and after 4 weeks.

An expert rated the visible skin conditions via objective clinical live scoring at baseline and after 4 weeks.

The test product's anti-wrinkle effect was determined by means of fast optical in-vivo topometry of human skin in the periorbital region in a second efficacy study with 40 females.

Results: The study revealed efficacy of the tested product by demonstrating improvement in the number of spots and comedones after 4 weeks in a significant majority of the subjects and was suitable for acne tarda. Based on statistical analysis, a significant anti-wrinkle effect is confirmed vs the untreated control site.

Conclusions: The tested dermocosmetic formulation significantly improves blemishes in subjects with ageing skin and acne tarda and reduces wrinkles.

