

AESTHETIC AND COSMETIC DERMATOLOGY (LASERS SEPARATE CATEGORY)

EFFICACY AND TOLERANCE EVALUATION OF A SET OF PERSONALIZED FACIAL OILS CONTAINING HIGH CONCENTRATION OF ACTIVE INGREDIENTS TARGETING SPECIFIC SKIN BENEFITS

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Introduction: Consumers today are seeking customized skin care products to meet their individual skin needs. To address this need, a set of personalized facial oil treatments consisting a base and two of the six possible complexes composed of high concentration of active ingredients was developed along with a skin atlas to aid consumers in identifying skin concerns. The complexes were formulated to address six specific skin concerns including fine lines and wrinkles, rough skin texture, dull and uneven skin tone, skin laxity, enlarged pores, and visible redness. The present studies have been conducted to validate the efficacy and tolerance of the base, each complexes and all of the possible combinations.

Method: This multi-center, up to 12-week clinical trial was conducted on approximately two-hundred fifty (250) healthy female subjects between the ages 25-55 to evaluate each complexes. The subject population was divided into 6 cells depending on their skin concerns. Subjects were instructed to apply the respective facial oil once or twice daily depends on the specific complex. Efficacy evaluations were conducted at designated time points up to 12 weeks. The base formula was assessed instrumentally for hydration and skin barrier function. Additionally, all possible combinations were assessed on seven-hundred and fifty (750) healthy female subjects via consumer and tolerance evaluation. Finally, a multi skin tone atlas was developed by selecting from a pool of clinical photos to represent the severity of skin concerns tested under the present studies.

Results: The results from this study indicated that all 6 complexes tested demonstrated significant improvements starting at week 2 and continued for the duration of the study. The base showed statistical significant improvement in hydration and skin barrier function. All combinations tested were well perceived and well tolerated by the subjects.