



ACNE, ROSACEA, AND RELATED DISORDERS (INCLUDING HIDRADENITIS SUPPURATIVA)

LICOCHALCONE A IN COMBINATION WITH SALICYLIC ACID AS FLUID BASED OR HYDROXY-COMPLEX 10% AS CREAM IN THE TREATMENT OF MILD ACNE: A MULTICENTER PROSPECTIVE TRIAL

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Introduction: Acne treatment varies according to disease severity. For mild acne, topical pharmacological treatments are generally recommended and include the use of benzoyl peroxide, retinoid, and antibiotics. The clinical efficacy of these agents and their adverse effects are widely demonstrated. Recent evidence suggests that some cosmetic agents if correctly prescribed, may improve the therapeutic outcome with the advantage of minimizing the side effects and avoiding the use of antibiotics.

Objective: The aim of this study was to assess the efficacy and tolerability of a new daily cosmetic regimen (consisting of a fluid and a cream product) in the treatment of mild facial acne.

Materials and Methods: A multicenter, open-label, prospective, clinical trial was conducted on 91 adult patients with mild acne. Subjects were instructed to apply Licochalcone A/Salicylic acid/L-Carnitine as fluid (in the morning) and Licochalcone A/Hydroxy-Complex 10% as cream (at bedtime) for 8 weeks. The efficacy was evaluated by clinical evaluation criteria (by Global Acne Grading system and by comedones/papules lesions count) and by instrumental assessment (by Sebutape™ and by Reveal Photo Imager/VISIA-CR™ imaging) at baseline, at 4 and 8 weeks.

Results: At 4 weeks a statistically significant reduction from baseline of GAGs was observed. In addition, the total count of comedones and papules was significantly reduced of 41% and 45% respectively from baseline along with a significant reduction of sebum of about 47%. At 8 weeks, a further statistically significant reduction from baseline of GAGs, of total count of comedones and papules (64% and 71% respectively), along with an additional sebum reduction of about 52% was also recorded. No signs of local intolerance were documented.





Conclusions: Our results suggest that the daily regimen based on Licochalcone A with Salicylic acid/L-Carnitine as fluid or with Hydroxy-Complex 10% as cream represent an interesting cosmetic approach for treating mild acne.

