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Anti-acne effects of purified bee venom in human

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Acne vulgaris is a chronic dermatologic disease with four factors involved in the development of lesions. Treatments need to address as many of these underlying factors as possible in order to reduce acne lesions. As such Purified Bee Venom (PBVTM) serum is an attractive therapeutic option for acne, but little data exists on the efficacy of this treatment strategy. In this prospective, non-comparative study, 30 subjects having mild to moderate acne vulgaris were enrolled and treated with PBVTM serum twice daily for a period of 6 weeks. Clinical evaluation of lesions by expert visual grading and image analysis were made at weeks 0 (baseline), 3 and 6. The average visual acne grade of all volunteers significantly improved with the PBVTM serum treatment at weeks 3 ($p < 0.05$) and 6 ($p < 0.001$), when compared with the baseline grade at week 0. In addition, there was a mean percent improvement of 8.6% and 52.3% in acne grade observed after 3 and 6 weeks of PBVTM serum use, with 20% and 77% of the subjects showing improvement, respectively, when compared with baseline. Moreover, the subjects showed improvement in open comedones, closed comedones, papules, pustules and nodules after 3 and 6 weeks of PBVTM serum use. Six (6) weeks of treatment with PBVTM serum was found to be effective in the treatment of mild to moderate acne vulgaris, with no incidence of serious side effects or irritation

Biography

Sang Mi Han has completed her PhD from Kyungbook National University and Post-doctoral studies from Kyemyung University School of Medicine. She is the Director of Bee Products Application Laboratory. She has published more than 100 papers in reputed journals and has been serving as an Editorial Board Member of repute.

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