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Hair restoration; clinical study to evaluate the efficacy of a combined treatment between specific meso hair cocktail class III device and microneedling device in different baldness patterns

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Introduction: Hair loss becomes one of the most frequent problems of both genders, which motivates the patients to visit the dermatologist. Male and female baldness patterns have statistical, clinical and diagnostic differences. The medical treatments FDA approved for hair loss include corticosteroids, minoxidil and 5-alpha-reductase inhibitors. The surgical treatments for hair restoration are strip techniques, follicular unit extraction, scalp flap and scalp reduction. Each product or method has contraindications and side effects. Specific meso hair cocktail injectable Class III device and Hair Daily Care are capillary regenerators which revitalize and strengthen capillary fibre via a greater contribution of essential nutrients for capillary growth and a stimulating action of hair growth factors.

Materials & Methods: A multi-center, open label, non-comparative pilot study was performed in 47 patients (32 women and 15 men) who had medical visit due to hair loss. The average age of the patients was 34 years and the evolution period of the alopecia condition was 5 years. Efficacy was determined at the 3rd and 6th months. Specific meso hair cocktail injections application with micro-needling device repeated once a week on the area of hair loss or alopecia, total 8 sessions. Possible side effects were easily treated, as daily care has been applied directly on the scalp with light massage ensuring the product is well distributed over the problematic area. Application twice a day, 3 times a week, during 8-16 weeks. The regular treatment with injections or micro-needling with specific meso hair cocktail injectable Class III combined with topical application of Hair Daily Care could stop active hair loss in 3 months and stimulate new hair growth in 6 months. The best efficacy was observed in case of symptomatic hair loss in the female pattern: after pregnancy, nursing period, stress, starvation. In the male pattern which is related to the androgenic alopecia, the result gives satisfaction, but further investigation will be necessary. The patient with androgenic alopecia received 12 treatments, once every two weeks. 60% of the patients were satisfied with result of the treatment after 12 weeks.

Conclusion: The results of the study indicate that injections of specific meso hair cocktail injectable Class III or applied with micro-needling device combined with Hair Daily Care are efficient treatments for hair loss in different baldness patterns. The results indicate that mesotherapy injections of specific meso hair cocktail injectable Class III combined with Hair Daily Care: induce the activation of the hair follicle which promotes enlargement of the anagen phase and a shortening of the telogen phase, reversing the miniaturization of the hair follicles besides stop hair loss and promote new hair growth. The protocol of application and frequency of treatment have been adapted to the gender. To optimize obtained results, the application of Hair Daily Care cannot be less than 6 months.

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