



HAIR DISORDERS

MAGIC OF GROWING HAIR-USE OF PEPTIDE SOLUTIONS WITH MICRONEEDLING OF SCALP

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Introduction: Hair being the prime cosmetic concern for all , alopecia has been extensively studied and treated for past many years.

One of the recent treatment options being microneedling of scalp.

Objectives: To compare the effect of microneedling followed by peptide solution massage versus microneedling alone on hair growth in cases of androgenetic alopecia.

Materials and method: 20 patients with various grades of androgenetic alopecia who were treated with minoxidil and oral vitamin supplements were included in this study. They were divided in two groups. Microneedling followed by peptide solution massage was done for one group at a weekly interval for 6 weeks. The other group was treated with microneedling alone at the same interval.

Minoxidil and oral vitamins were continued between and after the sessions.

Results: Results were compared at the end of 3 months and 6 months. The patients were evaluated based on hair count , standardized 7point visual analogue scale and patients' subjective improvement. The group treated with peptide solution along with microneedling showed statistically significant improvement as compared to the group treated with microneedling alone.

Conclusion: This study shows that using peptide solution with microneedling enhanced the effect of microneedling in cases of androgenetic alopecia as compared to microneedling alone.

Key words: peptide solutions, microneedling, androgenetic alopecia.

