



HAIR DISORDERS

EFFICACY OF BOTULINUM TOXIN IN TREATMENT OF FEMALE PATTERN THINNING

Pradeep Kumari⁽¹⁾

Skin & Surgery International, Dermatology, Pune, India⁽¹⁾

Background: female pattern thinning is a less responsive condition compared to male pattern thinning. Reasons for this are multifold and they involve restriction on usage of DHT type receptor blockers in reproductive age group to mostly concomitant nutritional deficiencies in females.

Objective: This study was done with the purpose of establishing a standard protocol of botulinum toxin in female pattern thinning and study the safety and efficacy of the same as a single modality in resistance cases of female pattern thinning.

Materials and methods: 30 female patients who had previously taken standard modalities of treatment for female pattern thinning were included in the study. These patients were off treatment at the time of enrolment in study. The study protocol included giving a single session of 100 units of botulinum toxin in scalp at divided spots over entire area of female pattern thinning. The results were evaluated at 20wks and 30 wks.

Results: the results of botulinum single session were encouraging in female pattern thinning. Hair fall count, hair pull test and photographic assessment were used to gauge the effect of treatment.. side effect profile was also noted and there was no significant side effect noted.

Conclusions: botulinum toxin injections are safe and effective modality of treatment in treatment resistant female pattern thinning

