

Treatment Results of Alopecia Areata with Minoxidil

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Abstract

According to the international classification, L63.0 or alopecia areata is an autoimmune disease that hurts the hair follicles which prevalence is 0.1-0.2% in the world and is a common disorder among the population of Mongolia.

The cause is unknown, but it is thought to be due to heredity and immunodeficiency, apoptotic dermatitis, allergic diseases, colitis, vitiligo, type 1 diabetes, viral infections and mental illness. 50% of total cases occur under the age of 20 year-old and 30-45% over the age of 40 [1].

Keywords: Alopecia areata, Minoxidil, injection, Salt assessment Grounds

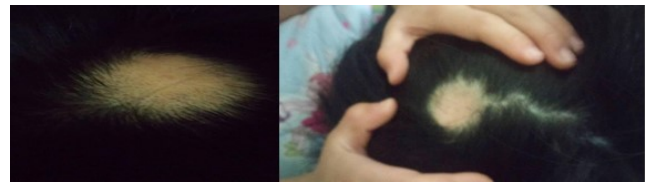


Figure 1: Before treatment

According to SALT assessment, it had severe S1 or 25% hair loss and by Olsen Canfield percentage, had mild hair loss [3].

Treatment methodology: Minoxidil 5 ml e0,169FI OZ, Spanish MCCM brand injection for mesotherapy treatment product was injected into a round oval spotted rash at the top of the head, measured as 4.5 * 4.5 cm with a clear border and smooth surface at the depth of 2.2 mm by creating nodules 2-3 mm apart and a total of 0.2 cm injections were given 3 times at 7-week intervals. During the treatment injection (Figure 2.)

Introduction

According to the international classification, L63.0 or alopecia areata is an autoimmune disease that hurts the hair follicles which prevalence is 0.1-0.2% in the world and is a common disorder among the population of Mongolia.

- To treat alopecia areata with Minoxidil injection
- To determine the severity level of alopecia areata

Materials and Methods

Client A. 40 year-old. Three months ago, found out that hair on the top of head is lost. The scalp was smooth when touched and was no pain. Used hair growth shampoo and nourishing oil at home without any treatment.

By Checkup

At the top of the head was a round oval spotted rash measured as 4.5 * 4.5 cm with a clear border and smooth surface. Diagnosis of alopecia areata is determined by a hair pull test. Tested as holding 50-60 strands of hair with thumb and index fingers and pulling, tightly on the ends of the hair. Hair loss was considered positive because more than 5 hairs were easily loosened in the test. Trichoscopic examination revealed signs of black and yellow spots, respectively. (Figure 1.) [2]



Figure 2: Ultrasound monitoring of puncture

Conclusion

Therapeutic advantages are ease of use, low side effects and is often used in skin practice with a 5% ointment, while we used 5 ml e0,169FI OZ injections for treatment.

Prohibited directions: Pregnant and breastfeeding mothers

Treatment results: Minoxidil 5 ml e0,169FI OZ was injected into a round oval spotted rash at the top of the head, measured as 4.5 * 4.5 cm with a clear border and smooth surface at the depth of 2.2 mm by creating nodules 2-3 mm apart and a total of 0.2 cm injections were given 3 times at 7-week intervals

21 хоногийн дараа тууралтын талбай 1,9*2,0 см болж ургаж байна[4].(Зурар3.)

After 21 days, the rash area decreases into 1.9 * 2.0 cm and hair grows[4]. (Figure 3).

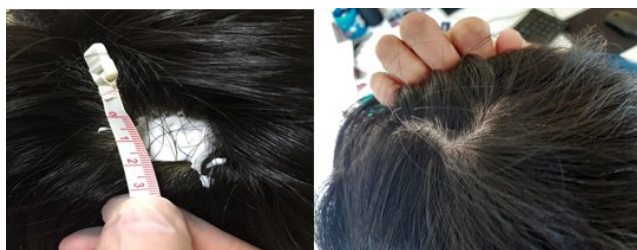


Figure 3: After treatment

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