Treatment of Alopecia Areata, Alopecia Totalis and Alopecia Universalis with Oral Viviscal® for 12 Months.

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INTRODUCTION:

Previous studies have demonstrated excellent regrowth of hair in men with hereditary androgenic alopecia (1) and men and women with alopecia areata and alopecia totalis (2).The present study was performed to evaluate the use of Viviscal for the long-term treatment of men and women with alopecia areata, totalis and universalis (3).

METHODS:

Healthy men and women with alopecia areata, totalis and universalis were enrolled. All subjects had previously used conventional treatment methods without satisfactory results. Each subject was instructed to take two tablets of Viviscal daily for 12 months. All subjects completed a questionnaire regarding the start of regrowth of scalp hair and the estimated area of the scalp with regrowth of permanent hair at baseline and after 6 and 12 months of treatment.

RESULTS:

Ninety-seven (97) subjects were enrolled in the study; however, 13 withdrew after 3-4 months due to lack of efficacy leaving 84 evaluable subjects with alopecia areata (N=50), alopecia totalis (N=12) and alopecia universalis (N=22). Demographic characteristics are shown in Table 1.

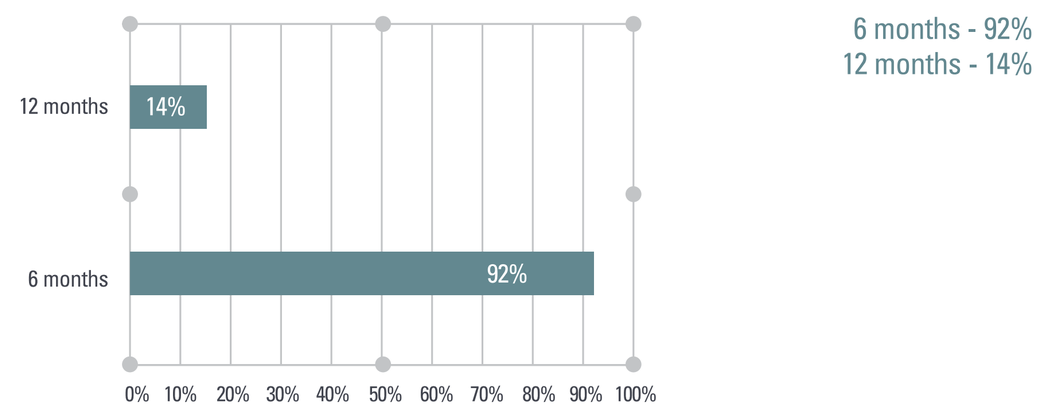
Among subjects with alopecia areata, permanent hair started to reappear after approximately 6 months of treatment in 46 subjects (92.0%) After 12 months, seven subjects (14.0%) reported complete regrowth of hair (Table 2).Thirty-four subjects (68.0%) were highly satisfied with their results and 10 (20%) reported their results as good.

Among subjects with alopecia totalis, hair regrowth began after 4 months in 10 subjects (83.3%). After 12 months, three subjects reported complete hair regrowth (25.0%). Six subjects (50%) were highly satisfied with their results and four (33.0%) reported their results as good.

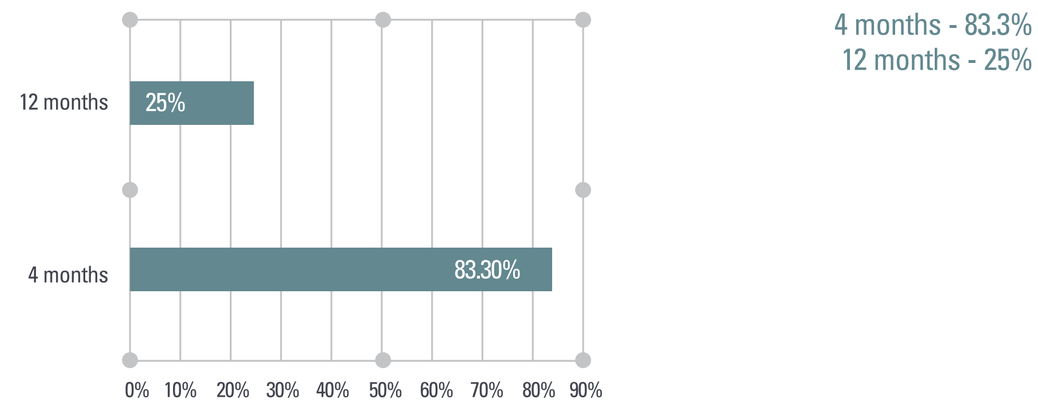
Among subjects with alopecia universalis, new hair growth began after 5 months in seven subjects (31.8%). After 12 months, one subject reported complete hair regrowth (4.5%). Five subjects (23%) were highly satisfied with their results and one (4.5%) reported their results as good.

Improved nail growth was reported by all subjects with weak nails prior to the study.There was no significant correlation between hair growth and gender or age of the subjects or the duration of hair loss. No adverse reactions or unexpected events were reported.

Graph 1 New hair growth reported amongst subjects with Alopecia Areata (N=50)



Graph 2 New hair growth reported amongst subjects with Alopecia Totalis (N=12)



Graph 3 New hair growth reported amongst subjects with Alopecia Universalis (N=22)

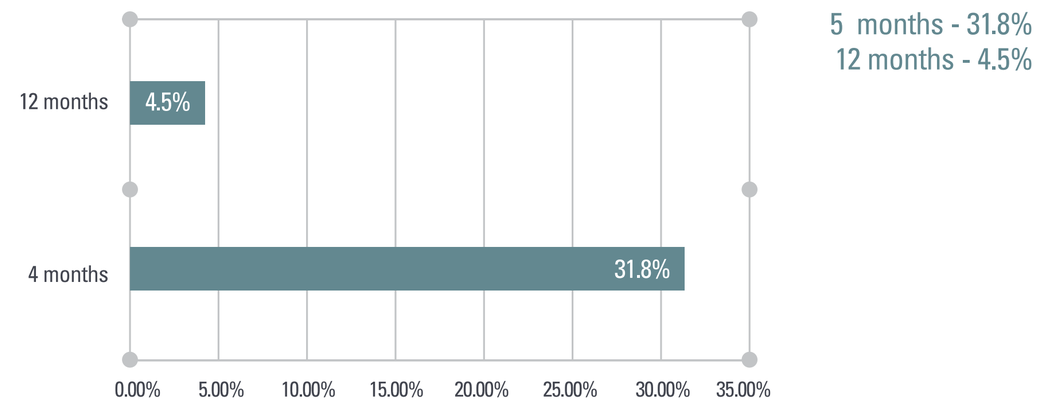


Table 1. Alopecia Type and Demographic Characteristics of Treated Subjects

	Areata N=50	Totalis N=12	Universalis N=22
Male	14	4	5
Female	30	8	17
Mean Age (years)	30.9	26.8	40.0
Mean Duration of Alopecia (years)	6.8	4.9	13.9

Table 2. Alopecia Type and Demographic Characteristics of Treated Subjects

	Areata N=50	Totalis N=12	Universalis N=22
Mean Time to Hair Regrowth (months)	6.3	4.0	5.4
Percent Regrowth of Scalp Hair, N (%)			
100	7 (14)	3 (35)	1 (5)
90-95	11 (22)	1 (8)	2 (10)
80-85	11 (22)	1 (8)	1 (5)
70-75	5 (10)	1 (8)	1 (5)
60-65	7 (14)	3 (25)	0 (0)
50-55	3 (6)	1 (8)	1 (5)
<50	2 (4)	1 (8)	1 (5)
0	4 (8)	2 (16)	15 (68)

CONCLUSION:

Similar to previous studies, the use of Viviscal was associated with substantial hair regrowth in treated subjects including women with alopecia areata, totalis and universalis. Viviscal had its greatest effect in patients with alopecia areata.There were no reports of adverse events during the 12-month study period.

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