SILICIUM 44

Carilène Laboratoires

Clinical trials

Hair Loss (Alopecia)

Study title	Comparative, randomised study versus minoxidil 2%, of the efficacy of a new treatment (hair lotion O.G.T. base + concentrated organic silicon) in male androgenic alopecia.
Investigating center	Pr. Louis Dubertret, Hôpital Saint-Louis, Paris
N° of patients	72
Primary endpoint	Evaluation of the efficacy of the O.G.T. base lotion in hair fall
Secondary endpoints	• product acceptability • tolerance
Results/Conclusions	**Results show :** • an identical efficacy between the 2 products in terms of hair fall • significant superiority of the O.G.T. base product in terms of : ◦ product acceptability ◦ increase of hair diameter (+7%) ◦ cosmetic virtues ◦ 1 application per day instead of 2 for minoxidil
Publications	**Les Nouvelles Dermatologiques – Volume 16 – n°2 – 1997**

Statistic results on primary endpoint

Methodology :

Minoxidil : 2 applications per day – Carilène's product (PB22 - (Silicium 44™)) : 1 application per day

		Treatment group		TOTAL
		PB22	Minoxidil	
Difference M6/MO : A/T	N	32	28	60
	Missing data	1	0	1
	Mean	0	-0.5	-0.2
	Standard deviation	2.3	2.9	2.6
	Minimum	-4.75	-9.13	-9.13
	Maximum	7.33	6.14	7.33

"No difference was detected between the 2 treatment groups for the course of the A/T ratio"

Statistical exploitation of the study shows a significant superiority of PB22 with a perfect cosmetic acceptability and observance compared to reference product :

Minoxidil	Organic Silicium 44™
Must be applied twice daily	Is applied only once daily
Leaves the hair oily	Is non-oily : water like
Generates seborrhea	No seborrhea with organic silicium
Can generate irritation	Perfect tolerance
Is a life sentence as soon as treatment is stopped, hair falls out again within days	Organic silicium users will apply the product for 3 months and stop for 3 months, the results achieved are maintained

Bibliography :

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