

THE RESEARCH WITH "EPISILK PREMIUM CREAM" (PURE HYALURONIC ACID)

by

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RESULTS OF THE RESEARCH WITH "EPISILK PREMIUM CREAM" (PURE HYALURONIC ACID)
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*Measurements were made with Corneometer, Sebumeter, pH-meter of Skin-o-mat .
 *Standarts admitted : Below 45-very dry skin; 45-55-dry skin; above 55-normal skin.
 *Environment temperature was 20°-23°C, humidity was 60-65 averagely while mesurements.
 *VDS: Very dry skin, DS:Dry skin, NS:Normal skin, FWr: Fine wrinkles, DWr: Deep wrinkles
 WrM: Wrinkles in motion, WrR: Wrinkles at rest

Name		AT	TI	BC	MT	BT	HO	CY	UK	BK	BE	SO	LK	SE	OC	SS
Age		35	15	20	45	23	52	48	68	39	54	70	32	32	37	36
Sex		F	F	M	F	M	F	F	F	F	F	F	F	M	M	F
Diagnose		DS WrM	VDS	VDS Akne	VDS WrM	VDS Akne	DS WrR	DS WrR	DS WrR	VDS WrM	VDS WrR	VDS WrR	.DS..	.DS..	DS WrM	VDS WrR
Before Threatment	Forehead	51	40	26	33	36	46	46	54	40	36	33	54	48	46	22
	Cheek	38	32	41	41	58	40	41	40	42	26	26	41	21	38	49
1. Visit	Forehead	55	50	52	47	40	61	48	63	66	53	50	52	49	61	60
	Cheek	40	45	67	42	53	46	65	53	48	69	56	59	54	52	63
2. Visit	Forehead	56	54	61	44	62	60	48	68	68	68	75	74	80	60	62
	Cheek	48	52	73	48	58	48	65	67	55	77	66	58	67	59	65
3. Visit	Forehead	56	59	56	41	60	62	55	66	66	68	75	72	75	55	60
	Cheek	70	59	60	55	57	55	63	65	54	70	65	59	64	67	62
4. Visit	Forehead	71	69	62	51	61	65	54	70	65	72	86	75	78	60	65
	Cheek	75	64	60	64	69	55	66	67	58	69	78	61	70	68	66
Increase in percentage of moisture (%)	Forehead	39	73	139	55	69	41	17	30	63	100	160	39	63	30	196
	Cheek	97	100	46	56	19	38	61	68	38	165	200	49	233	79	35
Side Affects	Stinging	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tightness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Burning	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Eritem	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pruritus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vesikuls	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Desquamations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pigment changes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Papules	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pustules	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Comedon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

	Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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Discussion About the Results

..... Most of the patients between the age 30-50 with dry skin were using different, expensive, well known moisturizers before the trial period. I offered them to leave the creams for one week so that I would be able to see how much dry, their skins are. But all of them couldn't approve this because they said that they cannot stay even one day without using a moisturizer. So the measurements that were made before starting Episilk Premium, all the patients between age 30-50 were under the usage of well known moisturizers. If they would stay one week without a cream, I think the first measurements before Episilk Premium usage, the moisturizing scores would have been much more lower than the scores on the scale. The increase in the level of moisture in the skin is despite the fact that the patients have been using other kinds of moisturizers. If the patients had not been used other moisturizers before the trial period, I believe that percentage changes would have been even better.

..... On the scale you see the results show too much differences. The reasons are, some patients were using well known moisturizers, little part of them were any cream that they can find. During the trial we told them to start with one application in a day with less cream, but they did not listen us; some used too much cream, some used 2-3 times a day. And as you see some patients had very very dry skin, in this group the increase in the percentage of moisturizing are much higher. The fact is that the personal usage made these differences in this short trial period time.

..... The second point all the patients between the age 30-50 had different types of wrinkles that we saw especially near the eye and the forehead; sometimes on the cheek. After one month of applying Episilk Premium Cream fine wrinkles especially near the eyes disappeared or well improved, the others on the forehead improved in terms of depth. We didn't show on the scale but we determined that sebum and pH did not changed while using the Episilk Premium Cream. Another determination we made is; when environmental humidity raised, the skin moisture increased too. When hyaluronic acid is applied to the skin it makes a hydrated film on the skin(Birgit A. Neudecker et al; Hyaluronan: The Natural Skin Moisturizer, from Cosmetecuticals) and I think with its humectant character, it takes the moisture from the environment. To my opinion this fact is true for the patients under the age of 50, whose skin barrier is still better than the older persons.

..... As you see on the scale no side affects were seen during one month usage. Among the group 5 of the patients were in the category of Sensitive Skin. Even the patients with sensitive skin were able to use the Episilk Premium Cream without any problem.

..... According to the results, we can understand why hyaluronic acid is called as a Natural Moisturizer of the Skin. Since Episilk Premium is a pure hyaluronic acid cream, I will it will help the patients to feel good; having much more smoother, shinier, moisturized skin and with improved wrinkles. And we saw that it is safe; while using no patient had a problem with the Episilk Premium Cream.

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RESULTS OF THE RESEARCH WITH "EPISILK PREMIUM CREAM" (PURE HYALURONIC ACID)

Discussion About the Youngsters

Patient Number		1	2	3	
Name		BC	BT	TI	
Age		20	23	15	
Sex		Male	Male	Female	
Diagnose		Very dry skin Acne vulgaris	Very dry skin Acne vulgaris	Very dry skin	
Increase in percentage of moisture (%)	Forehead	138	69	73	
	Cheek	46	19	100	
		Both of these patients number 1 and 2 had very dry skin. They had papules and pustules on the forehead and cheeks because of the increased sebum in these parts they used different acne products for a long time. Improvement occurred but the lesions never disappeared completely. I applied them 20% and 30% salicylic acid peels with one week interval, twice. Before making this treatment, they started to use Episilk Premium Cream. After the second application acne lesions disappeared parallel to the increase of skin moisture. Since one month they don't use any acne products, they just use Episilk Premium Cream and in this period sometimes 1-2 papules appear but they disappear easily without using any acne product. This shows the importance of moisturizing in acne patients (Leslie Baumann; Acne, from Cosmetic Dermatology). They still use only Episilk Premium Cream and they don't have any problem with acne.		She had only very dry skin and no acne lesions. After beginning Episilk Premium Cream in one week she said that her skin is smoother, shinier and no more tightness.	

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RESULTS OF THE RESEARCH WITH "EPISILK PREMIUM CREAM" (PURE HYALURONIC ACID)

Discussion About the Older Patients

Patients Number	1	2	3	4
Name	HO	UK	SO	BE
Age	52	68	70	55
Sex	Female	Female	Female	Female
Diagnosis	Dry skin Wrinkles at rest	Dry skin Wrinkles at rest	Very dry skin Wrinkles at rest	Very dry skin Wrinkles at rest
Moisturizer	Using moisturizer before treatment	Using moisturizer before treatment	Using any cream sometimes	Using any cream sometimes
Sebumeter results	Less sebum	Very less sebum	Very less sebum	Very less sebum
Face appearance	Wrinkles at rest	Wrinkles at rest Skin around the chin needs lifting	Wrinkles at rest Skin around the chin needs lifting	Very deep wrinkles
Increase in percentage of moisture (%)	Forehead	41	30	160
	Cheek	38	68	200

Patient number 1 had an appearance like her age, but the other patients had an appearance of an old woman. This group showed different results and improvements. As I said in the patients below age 50, I think Episilk Premium Cream (Hyaluronic Acid) makes a hydrated film, may be bind to the proteins (Birgit A. Neudecker et al; Hyaluronan, from Cosmeceuticals) and shows its moisturizing affect in the way taking the moisture from the environment by its humectant character. The patients about 50 especially numbers 2-3-4 showed unbelievable improvement on their face appearance. Now they look like at least 10 years younger compared to the beginning of the treatment. Their old woman appearance is not present now. Deep wrinkles improved very well, their skin is more compact now, as a result they are very happy now. Patients number 2-3 had needed face lifting, especially patient number 2 was thinking for an operation but she doesn't want it now. They want to go on with Episilk Premium Cream and want to add Synthovial 7 to their treatment because now they believe the benefits. To my opinion less sebum and loss off skin barrier (Leslie Baumann; Photoaging, from Cosmetic Dermatology) because of their age, let hyaluronic acid to get into deeper epidermis; maybe into the dermis so hydration functions occur in all parts of the skin. We know that hyaluronic acid can be bind to proteins and collagen; maybe this made the skin to appear more compact. Besides it is known that hyaluronic acid acts like an antioxidant and this increases the benefits in older woman. Since Episilk Premium Cream is a pure Hyaluronic acid product, I think we will see its good results and benefits in all age groups, in different ways.