



AC Party Face Pom

Increase in Skin Smoothness

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Abstract

The purpose of this study is to determine the in vivo effectiveness of **AC Party Face Pom 4%** on skin smoothing properties. Our technical staff conducted a series of tests to determine the efficacy on 15 volunteers between the ages of 36 and 65. **AC Party Face Pom 4%** was compared to a control, and the results showed that **AC Party Face Pom 4%** is effective at increasing skin smoothness.

Materials and Methods

For surface area, we examined a 1cm² field on the volunteers' forearms. One forearm was treated with the **AC Party Face Pom 4%** while the other arm was treated with a placebo. Products were applied twice daily for 30 days. Silicon polymer casts were made before and after product application and the smoothing effect was observed with a profilometer equipped with an image analyzer. Illumination cast at a 35° angle forms shadows on the casts, and the analyses of gray levels were analyzed via a software program on a computer to determine skin smoothness.

Results

$$\frac{(\text{Treated} - \text{Placebo}) \times 100}{\text{Placebo}} = \% \text{ Increase in Smoothness}$$

Volunteers	4% AC Party Face Pom			Placebo		
	D0	D30	D0-D30	D0	D30	D0-D30
1	25.68	20.99	4.69	34.97	32.65	2.32
2	48.06	46.65	1.41	60.54	59.03	1.51
3	65.83	55.89	9.94	44.08	41.75	2.33
4	33.50	27.66	5.84	29.65	26.48	3.17
5	49.76	39.88	9.88	40.11	39.64	0.47
6	25.07	17.58	7.49	38.73	34.03	4.70
7	39.58	39.97	-0.39	47.59	42.96	4.63
8	58.14	47.99	10.15	63.42	59.22	4.20
9	39.69	35.05	4.64	48.69	46.37	2.32
10	43.53	40.43	3.10	54.45	50.79	3.66
11	22.72	19.20	3.52	61.30	57.99	3.31
12	34.90	31.61	3.29	28.56	23.84	4.72
13	57.81	46.52	11.29	47.43	45.27	2.16
14	25.84	23.56	2.28	36.18	32.60	3.58
15	48.55	45.77	2.78	44.26	42.83	1.43
Mean	41.24	35.92	-	45.33	42.36	-
Mean Difference	-	-	5.33	-	-	2.97
Change in Smoothness	-	-	12.9%	-	-	6.7%

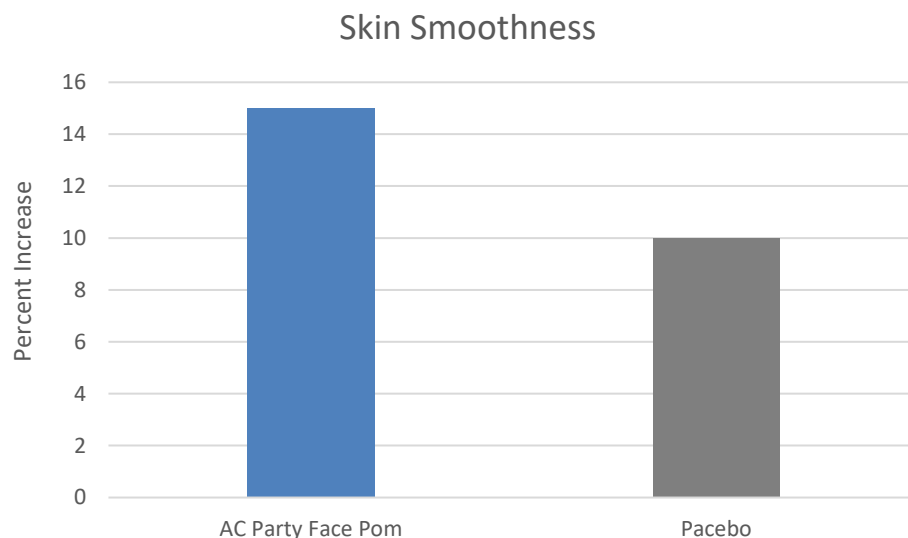
Table 1. The percent increase in skin smoothness due to the application of **AC Party Face Pom**.

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Discussion

After twice daily application for 30 days, there was significant increase in skin smoothness. Skin smoothness increased by 12.9%, whereas the placebo only increased by 6.7%. This leads us to believe that **AC Party Face Pom 4%** is sufficient at increasing skin smoothness.