



Clinical Evaluation Report For InnoFacial

1. Purpose of the Test

The purpose of this test is to verify the changes of skin moisture and skin elasticity and the efficacy of improvement in malignant sebum through applying Inno Facial CD700 and its solutions to the skin of humans.

2. Subject for the Test: 7 Persons of Adult Female and 3 Persons of Adult Male (10 persons in total)

3. Test-verifying Device: Skin Diagnostic Apparatus

- ◆ Equipment : Derma Vision Pro
- ◆ Model Name : Derma Vision
- ◆ Manufacturer : OPTOBIOMED (in Korea)



< Derma Vision Pro >

4. Test Method

- We measured the state of the examinees' facial skin before the test using the skin diagnostic apparatus.
- Total six times of treatments with three times of treatments a week with applying the solutions IS1, IS2, and IS3 of Inno Facial CD700 were executed.
- We measured the state of the examinees' facial skin after the 6 times of treatments using the skin diagnostic apparatus and compared it with the state before the treatments, confirming the improvement in the skin.

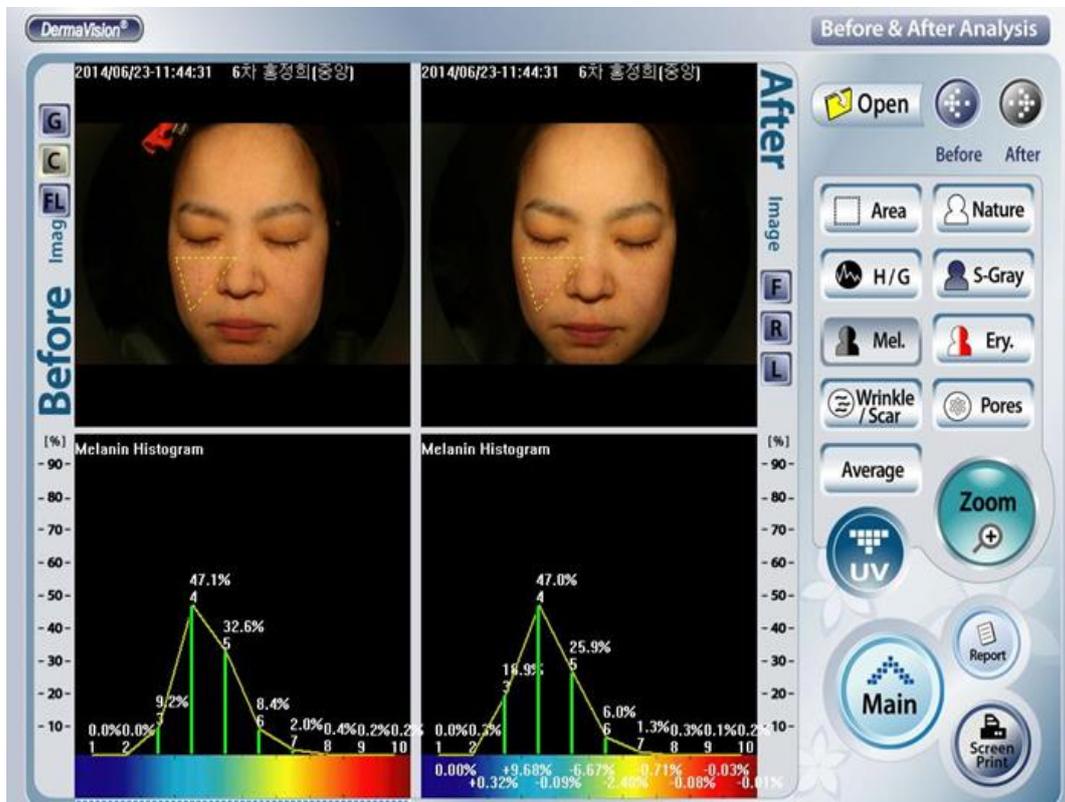
5. Test Items

1) Evaluation of Skin Moisture and Skin Elasticity through UV Histogram Comparison



- The UV Histogram Analysis which can evaluate dryness and elasticity of skin was executed.
- The above analysis graph shows that the skin state becomes dry and inelastic toward the DH1 territory and becomes moist and elastic toward the HD10 territory.
- The degree of the improvement in moisture and elasticity of skin can be evaluated by observing the increment of the ratio of DH6~10 territory before & after the treatments.
- If the ratio before the treatments is U_b and the ratio after the treatments is U_a for the ratio of DH6~10 territory, the degree of the improvement of skin moisture and elasticity can be evaluated by digitizing the improvement ratio to $\Delta U = (U_a - U_b)$.

2) Evaluation of Improvement Ratio of Malignant Sebum through Melanin Histogram Comparison



- The analyzing method of Melanin Histogram is the major measurement method to evaluate the general state of skin.
- With the special filming and image analysis, the red color represents the sebum caused by excessive secretion of skin oil, the white color represents the sebum caused by pores inflammation and closed pores, and the yellow color represents the sebum caused by imbalance of skin PH. Going toward the blue color (No. 1~4 territory) means getting a good (normal) state of the skin.
- If the ratio of the territory of normal skin state (No. 1~4 territory) before the treatments is D_b , and the ratio of the territory of normal skin state (No. 1~4 territory) after the treatments is D_a , the efficacy can be verified by digitizing the improvement ratio of malignant sebum to $\Delta D = (D_a - D_b)$.

6. Test Result

1) Evaluation of Skin Moisture and Elasticity through UV Histogram Comparison

Examinee	Sex	Improvement Ratio of Skin Moisture and Elasticity After 6 Times of Treatments (%)		
		Before Treatments (U _b)	After Treatments (U _a)	Improvement Ratio (ΔU)
1	Female	0.1	99.7	99.6
2	Female	100.0	100.0	0.0
3	Female	39.4	80.2	40.8
4	Female	90.8	99.8	9.0
5	Female	76.1	93.7	17.6
6	Female	99.8	100.0	0.2
7	Female	47.6	72.5	24.9
8	Male	5.9	87.6	81.7
9	Male	7.5	71.9	64.4
10	Male	97.8	100.0	2.2
Average				34.0

- The degree of skin moisture and elasticity **increases by 34% on average after the 6 treatments**, compared to it before the treatments.

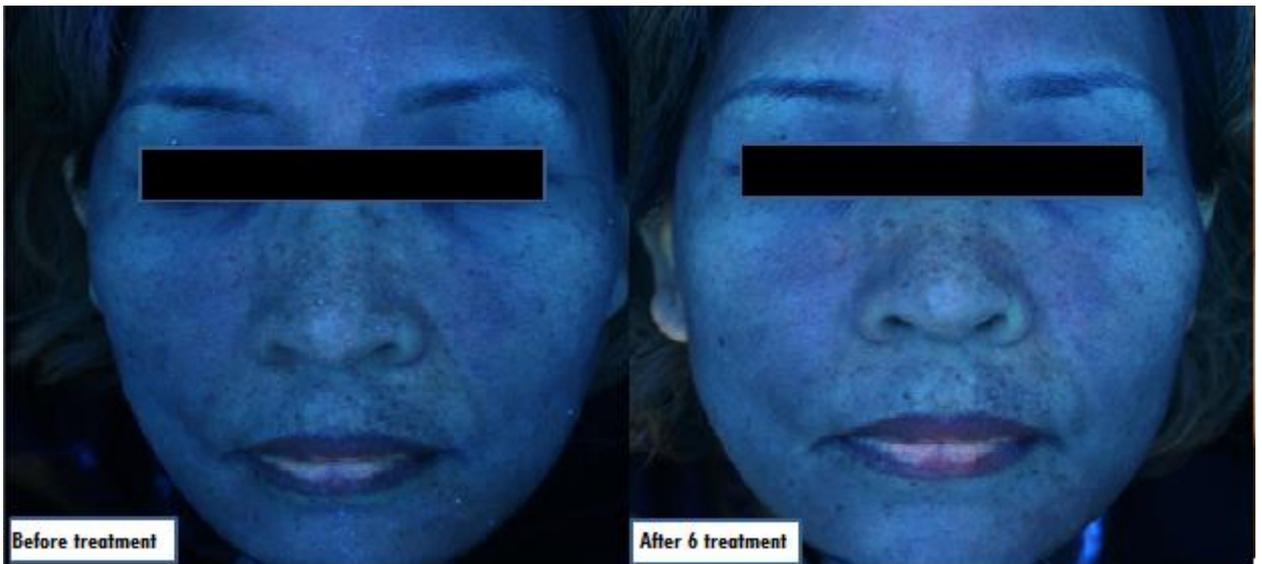
2) Evaluation of Improvement Ratio of Sebum through Melanin Histogram Comparison

Examinee	Sex	Improvement Ratio of Malignant Sebum After 6 Times of Treatments (%)		
		Before Treatments (D _b)	After Treatments (D _a)	Improvement Ratio (ΔD)
1	Female	58.8	80.3	21.5
2	Female	32.1	53.9	21.8
3	Female	35.7	39.4	3.7
4	Female	37.1	50.4	13.3
5	Female	18.0	27.4	9.4
6	Female	5.3	14.9	9.6
7	Male	67.8	73.4	5.6
8	Male	22.0	53.5	31.5
9	Male	40.1	61.7	21.6
10	Male	4.1	81.8	77.7
Average				21.6

- The territory of malignant sebum was improved by 21.6% on average after the 6 treatments, compared to it before the treatments.

7. Verification of Efficacy through Comparison between Pictures Before & After Treatments

1) Removal of Sebum



Before

After

2) Removal of Blackhead



Before

After

3) Improvement in Acne



Before

After