



APPENDICES

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

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Appendix A : The change in facial acne compared with volunteer appearance at the beginning of treatment

volunteers	Before treat		After treated 1 week		After treated 2 week		All amount decrease of acne			
							amount decrease of acne		% decrease of acne	
	Treated area	Placebo area	Treated area	Placebo area	Treated area	Placebo area	Treated area	Placebo area	Treated area	Placebo area
1	6	7	4	4	4	12	2	-	33.3	75
2	8	5	4	4	4	10	4	-	50	60
3	5	5	2	5	-	4	5	1	100	33.3
4	5	5	3	3	3	8	2	-	40	50
5	5	5	1	1	1	3	4	2	80	66.7
6	5	5	3	3	3	5	2	-	40	46.7
7	10	11	6	6	6	12	4	-	40	50
8	5	4	2	2	2	4	3	-	60	60
9	5	4	1	1	1	4	4	-	80	66.7
10	5	5	1	1	1	7	4	-	80	75
11	12	11	3	3	3	11	9	-	75	60
12	4	5	2	2	2	4	2	1	50	33.3
							All amount decrease of acne			

volunteers	Before treat		After treated 1 week		After treated 2 week		amount decrease of acne		% decrease of acne	
	Treated area	Placebo area	Treated area	Placebo area	Treated area	Placebo area	Treated area	Placebo area	Treated area	Placebo area
13	4	5	1	1	1	4	3	1	75	25
14	15	13	8	8	6	8	9	5	60	33.3
15	9	10	13	10	6	7	3	3	33.3	33.3
16	8	10	8	9	4	7	4	3	50	37.5
17	9	11	6	7	3	3	6	8	66.7	72.7
18	15	16	12	17	8	14	7	2	46.7	13.3
19	10	12	8	5	5	9	5	3	50	30
20	10	11	8	9	4	7	6	4	60	40
21	9	7	6	6	3	4	6	3	66.7	33.3
sum	164	167	102	107	70	147	94	36	1236.7	995.1
Avg	7.81	7.95	4.86	5.09	3.33	7	4.47	1.71	58.9	19.2
SD	3.37	3.57	3.58	3.94	2.05	3.31	2.08	2.12	1.80	1.80
% decrease of acnes									58.9	19.2

Appendix B : The change in skin oiliness compared with volunteer appearance at the beginning of treatment

volunteers	Before treat		After treated 1 week		After treated 2 week		% decrease of facial oiliness	
	Treated area	Placebo area	Treated area	Placebo area	Treated area	Placebo area	Treated area	Placebo area
1	34	39	8	3	8	40	76.5	-
2	68	50	35	22	7	6	89.7	88.0
3	66	49	68	35	49	66	25.8	-
4	101	132	109	137	82	122	18.8	7.6
5	3	3	2	6	3	3	-	-
6	42	40	46	46	40	119	4.8	-
7	27	18	14	3	15	153	44.4	-
8	99	56	46	70	17	24	82.8	57.1
9	23	41	12	25	9	29	60.9	29.3
10	21	9	18	18	10	12	52.4	-
11	14	32	6	21	4	21	71.4	34.4
12	39	25	26	3	8	10	79.5	60.0

volunteers	Before treat		After treated 1 week		After treated 2 week		% decrease of facial oiliness	
	Treated area	Placebo area	Treated area	Placebo area	Treated area	Placebo area	Treated area	Placebo area
13	47	24	38	12	12	14	74.5	41.7
14	86	47	75	23	12	45	86.0	4.3
15	166	102	75	82	41	38	75.3	62.7
16	92	104	66	13	18	50	80.4	51.9
17	69	73	41	12	4	67	94.2	8.2
18	102	111	39	9	6	61	94.1	45.0
19	46	42	21	19	18	15	60.9	64.3
20	11	3	10	4	5	6	54.5	-
21	63	57	36	3	4	57	93.7	-
Sum	1219	1057	791	566	372	958	1320.6	554.5
Avg	58.04	50.33	37.66	26.95	17.71	45.62	62.9	26.4
SD	3.97	3.59	2.80	3.30	1.96	4.17	2.59	2.53
% decrease of oily							62.9	26.4

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