

Supplemental table

Profile of pretreatment without glaucoma patients

	HM group(n=86)	Control group(n=88)	P value
Age(years-old)	69.2 ± 13.7	69.3 ± 16.3	0.99*
Sex(female/male)	37/49	40/48	0.74 †
NIBUT first(sec)	7.06 ± 5.19	6.78 ± 5.00	0.71*
NIBUT average(sec)	9.80 ± 5.65	9.69 ± 5.13	0.89*
Meiboscore	0.65 ± 0.79	0.45 ± 0.78	0.01 ‡
Tear meniscus height(mm)	0.22 ± 0.08	0.22 ± 0.07	0.36*
Conjunctive hyperemia score	1.17 ± 0.58	1.33 ± 0.72	0.05 ‡

HM: heating eye mask

NIBUT: noninvasive breakup of tear film

Meiboscore: obstruction score of the meibomian gland

*unpaired-t test

† chi-square test

‡ Mann-Whitney U Test

Supplemental table

Result of post treatment without glaucoma patients

	HM group(n=86)			Control group(n=88)		
	pre	post	Pre vs post	pre	Post	Pre vs post
NIBUT(first)	7.06 ± 5.19	9.44 ± 5.77	<0.001*	6.78 ± 5.00	6.51 ± 4.82	0.41*
NIBUT(average)	9.80 ± 5.65	12.2 ± 5.29	<0.001*	9.69 ± 5.13	9.60 ± 9.08	0.62*
Meiboscore	0.65 ± 0.79	0.53 ± 0.71	0.01 †	0.45 ± 0.78	0.45 ± 0.78	0.27 †
Tear meniscus height	0.22 ± 0.08	0.25 ± 0.08	<0.001*	0.23 ± 0.07	0.22 ± 0.07	0.16*
Hyperemia score	1.17 ± 0.58	1.36 ± 0.59	<0.001 †	1.33 ± 0.72	1.29 ± 0.70	0.002 †

HM: heating eye mask

NIBUT: noninvasive breakup of tearfilm

Meiboscore: obstruction score of the meibomian gland

* Welch's t test

† Wilcoxon signed rank test