

Table S5. The background information of patients in the fixed-use and non-fixed use groups using the 3 DED eye drop types (DQS, HA, and RBM).

Demographic Characteristics	DQS			HA			RBM		
	Fixed-Use Group	Non-Fixed Use Group	<i>p</i> -Value	Fixed-Use Group	Non-Fixed Use Group	<i>p</i> -Value	Fixed-Use Group	Non-Fixed Use Group	<i>p</i> -Value
Number of participants analyzed	63(5.7)	1037(94.2)		47(4.3)	1053(95.7)		43(9.7)	402(90.3)	
Age category, <i>n</i> (%)									
20-29	0 (0.0)	50 (4.8)	0.42	0 (0.0)	28 (2.7)	0.38	1 (2.3)	19 (4.7)	< 0.01**
30-39	9 (14.3)	168 (16.2)		6 (12.8)	129 (12.3)		5 (11.6)	64 (15.9)	
40-49	17 (27.0)	238 (23.0)		8 (17.0)	225 (21.4)		3 (7.0)	95 (23.6)	
50-59	19 (30.2)	291 (28.1)		11 (23.4)	251 (23.8)		13 (30.2)	112 (27.9)	
60-69	11 (17.5)	196 (18.9)		14 (29.8)	237 (22.5)		14 (32.6)	70 (17.4)	
70-79	7 (11.1)	86 (8.3)		7 (14.9)	175 (16.6)		7 (16.3)	41 (10.2)	
80 over	0 (0.0)	8 (0.8)		1 (2.1)	9 (0.8)		0 (0.0)	1 (0.2)	
Male, <i>n</i> (%)	25 (39.7)	416 (40.1)	1.00	21 (44.7)	422 (40.1)	0.55	15 (34.9)	183 (45.5)	0.20
Daily CL use, <i>n</i> (%)	15 (23.8)	350 (33.8)	0.13	7 (14.9)	272 (25.8)	0.12	6 (14.0)	127 (31.6)	0.01 [#]
VDT hours, mean ± SD	5.8±3.3	5.6±3.3	0.66	5.8±2.8	5.6±3.3	0.68	5.5±2.9	5.7±3.3	0.56
Smoking, <i>n</i> (%)	8 (12.7)	147 (14.2)	0.85	5 (10.6)	147 (14.0)	0.67	4 (9.3)	103 (25.6)	0.01 [#]
Years after diagnosis, mean ± SD	4.8±6.2	5.2±5.4	0.19	6.5±4.9	7.2±6.8	0.86	5.8±5.3	5.6±5.5	0.67
Ocular complications, <i>n</i> (%)									
Total	6 (9.5)	114 (11.0)	0.84	5 (10.6)	154 (14.6)	0.53	9 (20.9)	51 (12.7)	0.16
Cataract	4 (6.3)	71 (6.8)	1.00	5 (10.6)	89 (8.5)	0.59	5 (11.6)	31 (7.7)	0.37
Glaucoma	0 (0.0)	5 (0.5)	1.00	1 (2.1)	11 (1.0)	0.41	0 (0.0)	3 (0.7)	1.00
Allergic conjunctivitis	0 (0.0)	17 (1.6)	0.62	0 (0.0)	21 (2.0)	1.00	1 (2.3)	14 (3.5)	1.00
Others	2 (3.2)	26 (2.5)	0.67	0 (0.0)	40 (3.8)	0.41	4 (9.3)	4 (1.0)	< 0.01 [#]
Systemic complication, <i>n</i> (%)									
Total	21 (33.3)	274 (26.4)	0.24	13 (27.7)	324 (30.8)	0.75	13 (30.2)	125 (31.1)	1.00
Sjögren's syndrome	3 (4.8)	15 (1.4)	0.08	1 (2.1)	19 (1.8)	0.59	1 (2.3)	7 (1.7)	0.56
Rheumatoid arthritis	4 (6.3)	15 (1.4)	0.02 [#]	0 (0.0)	19 (1.8)	1.00	3 (7.0)	3 (0.7)	0.01
Hypothyroidism	1 (1.6)	15 (1.4)	0.61	1 (2.1)	20 (1.9)	0.60	1 (2.3)	8 (2.0)	0.60
Hypertension	11 (17.5)	150 (14.5)	0.47	11 (23.4)	193 (18.3)	0.44	8 (18.6)	63 (15.7)	0.66
Insomnia	5 (7.9)	80 (7.7)	0.81	1 (2.1)	70 (6.6)	0.36	1 (2.3)	51 (12.7)	0.04 [#]
Depressive illness	3 (4.8)	47 (4.5)	0.76	0 (0.0)	49 (4.7)	0.26	2 (4.7)	31 (7.7)	0.76
Connective tissue disease	3 (4.8)	17 (1.6)	0.10	1 (2.1)	16 (1.5)	0.53	0 (0.0)	3 (0.7)	1.00

CL: contact lens; SD: standard deviation; DQS: 3% diquafosol sodium ophthalmic solution; HA: sodium hyaluronate ophthalmic solution; RBM: 2% rebamipide ophthalmic suspension;

DED: dry eye disease; VDT: video display terminal. **P*<0.05, ***P*<0.01, Mann-Whitney U-test. [#]*P*<0.05, Fisher exact test.