

Supplementary Tables

Supplementary Table S1. Significant *P*-values of Plain Latanoprost's IOP Reduction of Day 2 vs. Treatment Days

Day	0 hour	2nd hour	4 th hour	6 th hour	8 th hour	10 th hour	12 th hour
3			.012	.012	.017	.017	.042
4		.021	.012	.012	.012	.017	.012
5		.012	.012	.012	.012	.017	.017
6	.05	.035	.012	.012	.012	.012	.012

Supplementary Table S2. Significant *P*-values of Xalatan's IOP Reduction of Day 2 vs. Treatment Days

Day	0 hour	2nd hour	4 th hour	6 th hour	8 th hour	10 th hour	12 th hour
3			.017	.011	.011	.018	.012
4	.017	.017	.012	.012	.012	.012	.012
5	.012	.012	.012	.012	.012	.012	.012
6	.021	.012	.012	.012	.012	.025	.012

Supplementary Table S3. Significant *P*-values of HA-CS-latanoprost link NPs' IOP Reduction of Day 2 vs. Treatment Days

Day	0 hour	2nd hour	4 th hour	6 th hour	8 th hour	10 th hour	12 th hour
3		.012	.012	.012	.012	.012	.012
4	.017	.012	.012	.012	.011	.012	.012
5	.012	.012	.012	.012	.012	.012	.011
6	.012	.012	.012	.012	.012	.012	.012

Supplementary Table S4. IOP Measurements for Plain Latanoprost during the 9 Day Observation Period

Stat	Day1	Day2	Day3	Day4	Day5	Day6	Day7	Day8	Day9
Min	12.83	12.80	8.98	8.00	7.95	8.55	11.43	11.75	12.75
Max	13.68	13.95	12.98	12.85	11.98	11.65	12.98	13.05	13.40
Mean	13.34	13.28	10.81	10.45	10.25	10.34	11.99	12.38	13.19
Std Dev	0.32	0.39	1.40	1.50	1.33	1.22	0.55	0.43	0.24

Supplementary Table S5. IOP Measurements for Xalatan during the 9 Day Observation Period

Stat	Day1	Day2	Day3	Day4	Day5	Day6	Day7	Day8	Day9
Min	13.18	13.18	8.88	8.80	9.03	8.70	11.13	11.53	13.30
Max	14.53	14.10	14.20	12.00	11.80	12.08	12.30	13.18	14.28
Mean	13.63	13.45	11.10	10.28	10.45	10.43	11.62	12.22	13.71
Std Dev	0.47	0.33	1.70	1.09	0.98	1.12	0.48	0.57	0.37

Supplementary Table S6. IOP Measurements for HA-CS-latanoprost link NPs during the 9 Day Observation Period

Stat	Day1	Day2	Day3	Day4	Day5	Day6	Day7	Day8	Day9
Min	12.98	13.35	8.13	7.60	8.40	8.23	10.70	11.53	12.93
Max	14.10	14.00	13.65	11.40	10.98	11.33	11.78	12.93	13.58
Mean	13.53	13.66	10.06	9.38	9.54	9.59	11.09	12.23	13.28
Std Dev	0.44	0.23	1.92	1.30	0.92	1.14	0.37	0.44	0.22

Supplementary Table S7. Friedman Results of Day 1 vs. Recovery Days

Treatment	P-value
Day 1 vs. Day 7	
HLA	< 0.001
Xalatan	< 0.001
Latanoprost (Plain)	< 0.001
Day 1 vs. Day 8	
HLA	< 0.001
Xalatan	< 0.001
Latanoprost (Plain)	< 0.001
Day 1 vs. Day 9	
HLA	0.285
Xalatan	0.788
Latanoprost (Plain)	0.138