

Supplemental Table 1. Serial Changes of Circumpapillary RNFL Thickness and CD Compared to the Baseline Measurements (Negative Pressure = 0 mmHg, N = 24 eyes) after Age and SSI adjustment

Negative Pressure (mmHg)	RNFL thickness (μm) change (95% CI)	<i>P</i> value*	CD (%) change (95% CI)	<i>P</i> value*
-5	0.09 (-1.36, 1.54)	0.905	0.77 (-0.84, 2.37)	0.349
-10	-1.17 (-2.68, 0.34)	0.128	1.69 (0.02, 3.36)	0.047
-15	-0.84 (-2.38, 0.69)	0.282	1.70 (0.00, 3.40)	0.050
-20	-1.02 (-2.61, 0.58)	0.212	2.02 (0.26, 3.79)	0.025
-15	-0.87 (-2.34, 0.61)	0.250	1.94 (0.31, 3.57)	0.020
-10	0.20 (-1.27, 1.67)	0.787	1.89 (0.27, 3.52)	0.022
-5	-0.39 (-1.89, 1.11)	0.613	0.56 (-1.10, 2.22)	0.511
0	-0.32 (-1.87, 1.24)	0.691	0.26 (-1.46, 1.98)	0.769

SSI: signal strength index, RNFL: retinal nerve fiber layer, CD: capillary density.

Linear mixed effects model with repeated measures was used to evaluate the statistical significance.

* Statistically significant *P* values (< 0.05) are shown in bold.