

Table SI. Superficial macular vascular density in the parafovea (%) at baseline and 4 post-operative time-points.

A, High myopia (n=24)							
Parameter	Baseline	1 day post-op	1 week post-op	1 month post-op	3 months post-op	Wald χ^2	P-value
SH	46.23±1.06	46.94±0.97	48.58±1.12	49.47±0.75	46.65±0.64	22.52	<0.001
IH	45.82±1.23	45.76±1.09	48.00±1.10	47.67±0.83	44.90±0.51	33.85	<0.001
T	44.26±1.10	46.32±0.87	47.41±1.09	48.25±0.84	43.33±0.48	34.19	<0.001
S	48.34±1.14	47.72±1.06	49.70±1.26	50.05±0.86	47.85±0.70	15.62	0.004
N	45.51±1.03	46.67±0.96	48.42±1.00	49.52±0.58	44.80±0.57	53.02	<0.001
I	46.81±1.47	44.73±1.33	47.66±1.31	46.52±1.03	47.16±0.64	16.75	0.002

Parameter	Baseline	1 day post-op	1 week post-op	1 month post-op	3 months post-op	Wald χ^2	P-value
SH	47.03±0.74	50.98±0.77	52.22±0.71	53.11±0.68	51.72±0.53	44.44	<0.001
IH	45.32±0.80	49.62±0.77	51.40±0.79	52.72±0.74	50.11±0.49	50.39	<0.001
T	45.37±0.96	49.52±0.76	51.10±0.77	51.77±0.73	49.75±0.52	37.72	<0.001
S	48.43±0.81	51.80±0.84	52.84±0.77	54.56±0.71	53.10±0.58	31.52	<0.001
N	45.83±0.85	50.04±0.76	52.03±0.76	52.67±0.73	49.95±0.51	40.18	<0.001
I	45.13±0.96	49.82±0.84	51.27±0.88	52.68±0.75	50.87±0.50	46.36	<0.001

Comparison of data in two groups by generalized estimating equations. Values are expressed as the mean $\pm$ standard deviation. SH, super-hemi; IH, inferior-hemi; T, temporal; S, superior; N, nasal; I, inferior.

Table SII. Retinal thickness in the parafovea (mm) at baseline and 4 post-operative time-points.

A, High myopia (n=24)							
Parameter	Baseline	1 day post-op	1 week post-op	1 month post-op	3 months post-op	Wald χ^2	P-value
SH	299.37±3.27	295.16±3.15	298.29±4.05	307.08±2.70	303.13±2.11	12.75	0.013
IH	297.45±3.54	291.16±3.78	295.16±3.41	302.62±3.20	298.02±2.45	7.55	0.109
T	289.79±3.76	286.66±3.36	288.20±4.51	297.12±3.17	293.55±2.58	7.84	0.098
S	302.08±3.67	297.79±3.27	301.95±3.38	309.04±2.74	305.04±2.03	11.21	0.024
N	304.58±2.93	299.04±3.20	302.79±3.35	311.50±2.76	308.91±1.98	13.79	0.008
I	296.37±3.73	289.20±4.40	293.79±3.62	302.17±3.39	295.27±2.71	6.43	0.169

B, Low myopia (n=31)

Parameter	Baseline	1 day post-op	1 week post-op	1 month post-op	3 months post-op	Wald χ^2	P-value
SH	312.80±2.87	315.53±2.96	316.38±2.83	325.76±3.01	327.87±1.35	46.53	<0.001
IH	314.38±3.10	313.76±2.96	315.04±2.91	324.12±2.69	326.09±1.16	48.37	<0.001
T	305.53±2.96	305.96±2.93	307.61±2.94	315.96±3.01	318.26±1.30	39.76	<0.001
S	315.77±2.79	319.06±2.94	319.35±2.82	327.16±2.98	329.87±1.45	44.67	<0.001
N	317.85±3.26	320.00±3.19	318.58±2.89	330.58±2.90	332.86±1.10	54.29	<0.001
I	314.62±3.04	312.22±9.48	316.45±2.98	325.93±2.67	327.06±1.31	36.64	<0.001

Comparison of data in two groups by generalized estimating equations. Values are expressed as the mean $\pm$ standard deviation. SH, super-hemi; IH, inferior-hemi; T, temporal; S, superior; N, nasal; I, inferior.