

Supplementary Table 1 Number (percentage) of eyes with surgically induced astigmatism of 1.0 diopter or greater of the total cornea in eyes that underwent a 2.4-mm nasal clear corneal incision (CCI; nasal CCI group) and in eyes that underwent a 2.4-mm temporal CCI (temporal CCI group).

Time Interval	Nasal CCI Group	Temporal CCI Group	p Value
2 days postoperatively	15 (30.0%)	9 (18.0%)	0.2417
2 weeks postoperatively	12 (24.0%)	5 (10.0%)	0.1102
4 weeks postoperatively	9 (18.0%)	5 (10.0%)	0.3873
8 weeks postoperatively	5 (10.0%)	3 (6.0%)	0.7124

Supplementary Table 2 Statistical powers to detect a meaningful magnitude of difference between groups using the multivariate analysis of variance in surgically induced corneal astigmatism at each postoperative period.

Time Interval	Total Cornea	Posterior Cornea
2 days postoperatively	0.9269	1.0000
2 weeks postoperatively	0.9929	1.0000
1 months postoperatively	0.9992	1.0000
2 months postoperatively	0.9742	1.0000

Supplementary Table 3 Comparison of the mean (\pm standard deviation) corrected visual acuity expressed in the logarithm of minimal angle of resolution (logMAR) scale between eyes that underwent a 2.4-mm nasal clear corneal incision (CCI; nasal CCI group) and eyes that underwent a 2.4-mm temporal CCI (temporal CCI group).

Time Interval	Nasal CCI Group	Temporal CCI Group	p Value
2 days postoperatively	0.04 \pm 0.08	0.09 \pm 0.13	0.0250*
2 weeks postoperatively	0.00 \pm 0.05	0.02 \pm 0.09	0.1177
4 weeks postoperatively	-0.01 \pm 0.04	0.13 \pm 0.09	0.0893
8 weeks postoperatively	-0.01 \pm 0.06	0.01 \pm 0.08	0.2263

*Statistically significant difference.

Supplementary Table 4 Comparison of the mean (\pm standard deviation) ocular total higher-order aberrations (HOAs) between eyes that underwent a 2.4-mm nasal clear corneal incision (CCI; nasal CCI group) and eyes that underwent a 2.4-mm temporal CCI (temporal CCI group).

Time Interval	Nasal CCI Group	Temporal CCI Group	p Value
2 days postoperatively	0.24 \pm 0.09	0.27 \pm 0.15	0.2829
2 weeks postoperatively	0.17 \pm 0.06	0.17 \pm 0.08	0.9297
4 weeks postoperatively	0.18 \pm 0.08	0.18 \pm 0.12	0.9001
8 weeks postoperatively	0.17 \pm 0.06	0.15 \pm 0.06	0.1574