

Table S7: Dropout sensitivity analysis comparing 71 participants who completed the study with 19 participants who dropped out

		Completed	Dropout	P-value
N		71	19	
Randomization	DIMS	41 (58%)	4 (21%)	0.004
	OKL	30 (42%)	15 (79%)	
Sex	Male	26 (37%)	6 (32%)	0.68
	Female	45 (63%)	13 (68%)	
Age (year), mean (SD)		9.96 (± 1.48)	9.84 (± 1.72)	0.76
cSER Right (D), mean (SD)		-3.00 (± 0.76)	-2.84 (± 0.95)	0.44
cSER Left (D), mean (SD)		-2.97 (± 0.84)	-2.87 (± 1.03)	0.64
cSER mean (D), mean (SD)		-2.99 (± 0.77)	-2.85 (± 0.96)	0.53
BCVA Right (ETDRS), median (IQR)		86 (85, 89)	86 (83, 90)	0.74
BCVA Left (ETDRS), median (IQR)		86 (85, 88)	86 (82, 89)	0.65
BCVA mean (ETDRS), median (IQR)		86.5 (84.5, 88.5)	86.5 (82.5, 89.5)	0.78
AL Right (mm), mean (SD)		24.61 (± 0.75)	24.33 (± 0.71)	0.16
AL Left (mm), mean (SD)		24.57 (± 0.76)	24.31 (± 0.70)	0.19
AL mean (mm), mean (SD)		24.59 (± 0.75)	24.32 (± 0.70)	0.18
SFCT Right (μm), mean (SD)		245.14 (± 59.51)	226.90 (± 50.61)	0.22
SFCT Left (μm), mean (SD)		244.37 (± 59.61)	217.16 (± 52.88)	0.075
SFCT mean (μm), mean (SD)		244.81 (± 58.23)	222.03 (± 50.15)	0.12
Myopic parents, N (%)	0	8 (11%)	2 (11%)	0.036
	1	42 (59%)	5 (28%)	
	2	21 (30%)	11 (61%)	

N = Number of participants; DIMS = Defocus Incorporated Multiple Segment spectacle lens; OKL = Orthokeratology lenses; SD = standard deviation; cSER = cycloplegic spherical equivalent refractive error; D = dioptre; ETDRS = Early Treatment Diabetic Retinopathy Study letters standard scale to test visual acuity; IQR = Interquartile range; AL = Axial length; mm = millimetre; SFCT = subfoveal choroidal thickness; μm = micrometre; Myopic parents = at least number of myopic parents (0 – 2) with a spherical equivalent refractive error $\leq -0.50\text{D}$. The Chi-squared test was employed for categorical variables, the Wilcoxon rank-sum test for non-normally distributed continuous variables, and the t-test for normally distributed continuous variables.