

## Supplementary Online Content

Wei S, Li S-M, An W, et al. Safety and efficacy of low-dose atropine eyedrops for the treatment of myopia progression in Chinese children: a randomized clinical trial. *JAMA Ophthalmol*. Published online October 1, 2020. doi:10.1001/jamaophthalmol.2020.3820

**eTable 1.** Demographics and Baseline Characteristics of Those Completing the 1 Year Follow-up

**eTable 2.** Comparison of Demographics and Other Characteristics between Nonprogressors and Progressors in 0.01% Atropine Group

**eTable 3.** Log-binomial Regression Analysis of Risk Factors for Progressive Myopia in 0.01% Atropine Group

**eTable 4.** Log-binomial Regression Analysis of Risk Factors for Progressive Myopia in Placebo Group

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 1. Demographics and Baseline Characteristics of Those Completing the 1 year follow-up

<b>Variables</b>	<b>Atropine group (n = 76)</b>	<b>Placebo group (n = 83)</b>
Age, mean (SD), yrs	9.69 (1.61)	9.84 (1.56)
Male/female	38/38	43/40
Initial SE, mean (SD), D		
6 to <7	-2.37 (1.59)	-2.38 (0.53)
7 to <8	-2.00 (1.14)	-2.07 (0.96)
8 to <9	-1.93 (0.88)	-2.74 (1.18)
9 to <10	-2.54 (1.33)	-2.11 (1.21)
10 to <11	-2.46 (1.10)	-2.86 (1.41)
11 to <12	-3.15 (1.24)	-3.00 (1.63)
Mean (SD)	-2.35 (1.15)	-2.63 (1.38)
Initial AL, mean (SD), mm		
6 to <7	24.77 (0.59)	24.97 (0.17)
7 to <8	23.87 (0.60)	24.13 (1.07)
8 to <9	24.21 (0.57)	24.49 (0.80)
9 to <10	24.41 (0.65)	24.42 (0.90)
10 to <11	24.73 (0.54)	24.94 (0.86)
11 to <12	25.17 (0.80)	24.84 (1.16)
Mean (SD)	24.48 (0.71)	24.64 (0.98)
IOP, mean (SD), mm Hg	15.75 (2.78)	15.64 (2.58)
Age at myopia onset, yrs	7.92 (1.57)	8.06 (1.69)
Parental myopia, n (%)		
None	5 (6.6)	7 (8.4)
One	30 (39.5)	27 (32.5)
Both	41 (53.9)	49 (59.0)
Time outdoors, mean (SD), h/d	1.28 (0.59)	1.43 (0.80)
Near work, mean (SD), h/d	3.13 (1.34)	3.17 (1.63)
SE= spherical equivalent, AL= axial length, IOP= intraocular pressure.		

eTable 2. Comparison of Demographics and Other Characteristics between Nonprogressors and Progressors in 0.01% Atropine Group

<b>Variables</b>	<b>Nonprogressors (n = 37)</b>	<b>Progressors (n = 39)</b>	<b>P-value</b>
Age at baseline, mean (SD), yrs	10.20 (1.52)	9.20 (1.57)	0.006
Male/female	15/22	23/16	0.108
Initial SE, mean (SD), D	-3.04 (1.28)	-2.09 (1.12)	0.001
Initial AL, mean (SD), mm	24.69 (0.77)	24.47 (0.83)	0.251
IOP, mean (SD), mm Hg	15.87 (2.73)	15.64 (2.86)	0.722
Age at myopia onset, yrs	8.03 (1.56)	7.82 (1.59)	0.572
Parental myopia, n (%)			0.190
None	3 (8.1%)	2 (5.1%)	
One	18 (48.6%)	12 (30.8%)	
Both	16 (43.2%)	25 (64.1%)	
Time outdoors, mean (SD), h/d	1.30 (0.60)	1.27 (0.59)	0.793
Near work, mean (SD), h/d	3.29 (1.30)	2.98 (1.38)	0.324

SE= spherical equivalent, AL= axial length, IOP= intraocular pressure. CI, confidence interval.

eTable 3. Log-binomial Regression Analysis of Risk Factors for Progressive Myopia in 0.01% Atropine Group

Variable	Unadjusted Analysis		Adjusted Analysis	
	Relative Risk (95% CI)	P-value	Relative Risk (95% CI)	P-value
Age at baseline (yrs)	0.844 (0.784, 0.960)	< .001	0.908 (0.715, 1.143)	.391
Sex	0.721 (0.445, 1.122)	.156	0.822 (0.552, 1.174)	.225
Initial SE (D)	1.414 (1.138, 1.747)	.002	1.324 (1.048, 1.620)	.004
IOP (mm Hg)	0.986 (0.910, 1.067)	.739	0.986 (0.928, 1.049)	.637
Age at myopia onset	0.967 (0.874, 1.116)	.600	0.997 (0.794, 1.281)	.980
Parental myopia (n)	1.361 (0.929, 2.138)	.140	0.980 (0.725, 1.510)	.902
Time outdoors (h/d)	0.955 (0.651, 1.361)	.814	0.768 (0.565, 1.069)	.064
Near work (h/d)	0.925 (0.798, 1.094)	.348	0.949 (0.787, 1.128)	.575
SE= spherical equivalent, AL= axial length, IOP= intraocular pressure,				
CI, confidence interval; Bold values indicate statistical significance (P <0.05).				

eTable 4. Log-binomial Regression Analysis of Risk Factors for Progressive Myopia in Placebo Group

Variable	Unadjusted Analysis		Adjusted Analysis	
	Relative Risk (95% CI)	P-value	Relative Risk (95% CI)	P-value
Age at baseline (yrs)	0.933 (0.878, 1.008)	.041	0.868 (0.718, 1.062)	.181
Sex	1.069 (0.789, 1.455)	.657	1.047 (0.783, 1.420)	.746
Initial SE (D)	1.110 (0.995, 1.257)	.082	1.044 (0.899, 1.221)	.538
IOP (mm Hg)	1.002 (0.938, 1.070)	.959	1.000 (0.934, 1.059)	.989
Age at myopia onset	0.996 (0.917, 1.102)	.938	1.109 (0.895, 1.337)	.360
Parental myopia (n)	1.017 (0.824, 1.317)	.885	0.930 (0.776, 1.241)	.538
Time outdoors (h/d)	0.977 (0.821, 1.160)	.799	0.913 (0.734, 1.119)	.387
Near work (h/d)	1.012 (0.930, 1.089)	.767	1.018 (0.900, 1.126)	.754
SE= spherical equivalent, AL= axial length, IOP= intraocular pressure,				
CI, confidence interval; Bold values indicate statistical significance (P <0.05).				