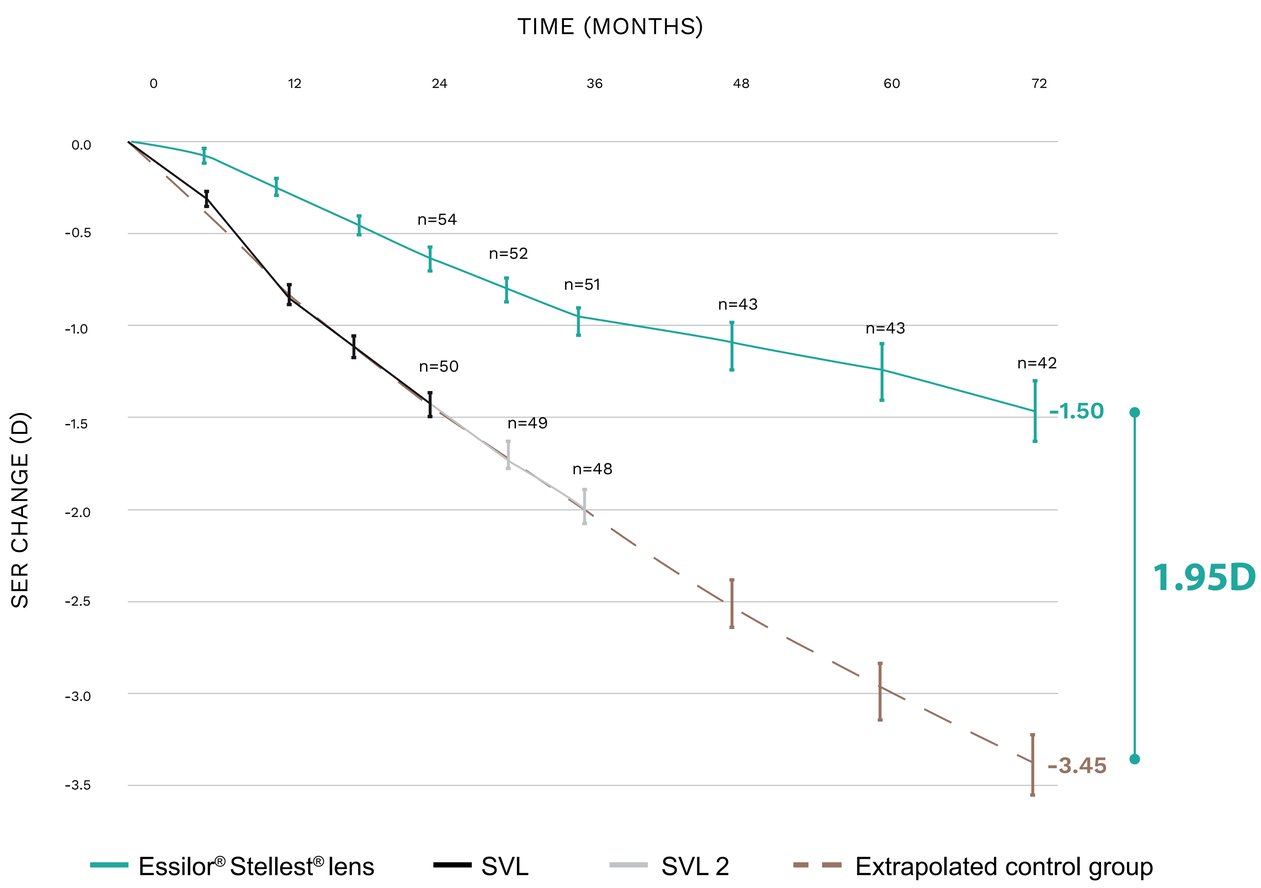
Stellest®

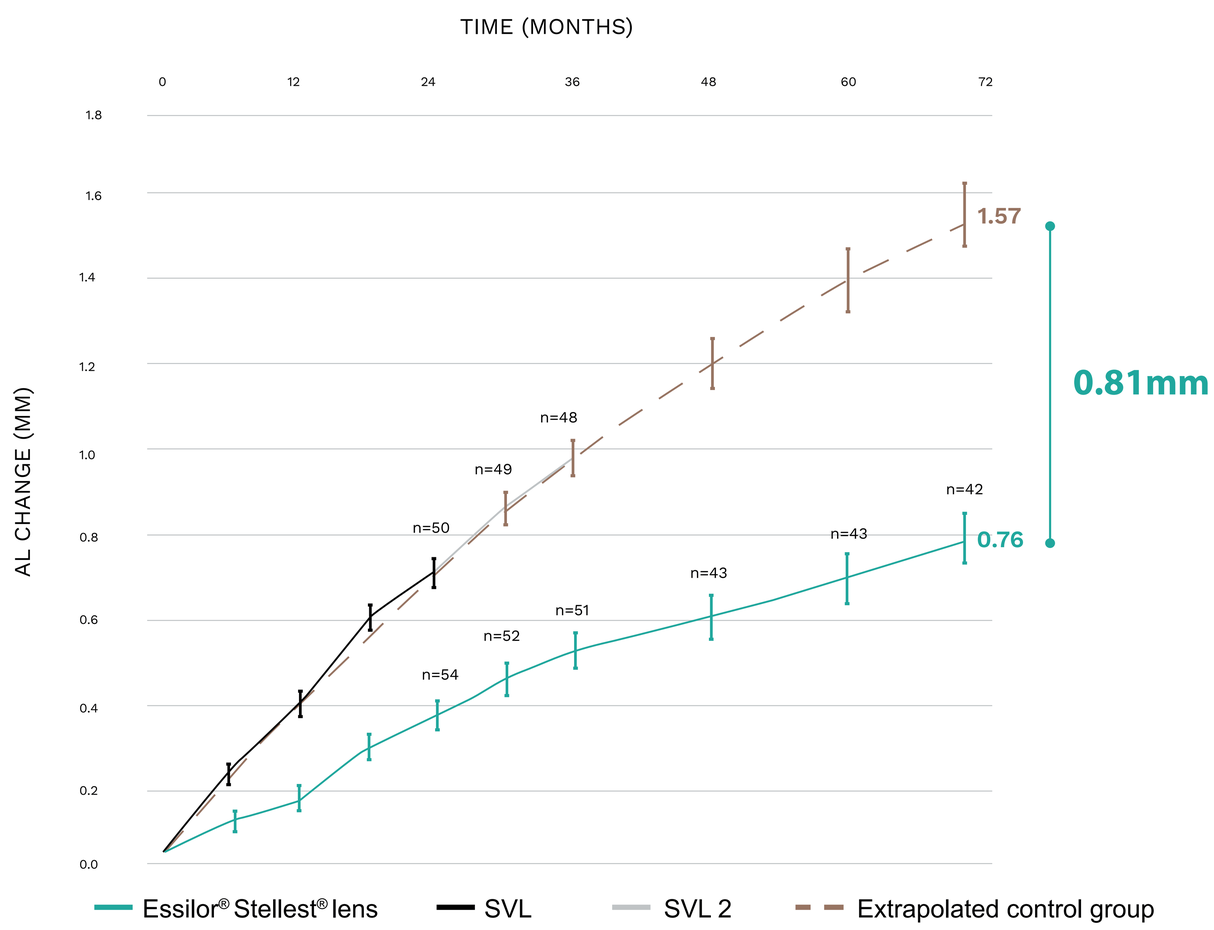
essilor

Essilor® Stellest® lenses slowed myopia progression by 1.95D on average over 6 years*[1]



Mean change in Spherical Equivalent Refraction (D) – unadjusted values. Error bars represent SEM

Essilor® Stellest® lenses slowed axial elongation by 0.81mm on average over 6 years†[1]



Mean change in Axial Length (mm) – unadjusted values. Error bars represent SEM

100%

of children were fully adapted within one week‡[2]

After the first and second year, the eye growth of

9 OUT OF 10

children wearing Essilor® Stellest® lenses full time was similar or slower than non - myopic children[3]

Over a five-year period, myopia progression* and axial elongation† were

2x Slower

on average with Essilor® Stellest® lenses compared to the control group.§[4]

Over 5 years, Essilor® Stellest® lenses save

3 Years

of myopia progression and axial elongation on average¶ [4,5]

*Compared to the 72-month progression of the extrapolated control group (predicted average annual decrease in SER by 9.7% based on the initial 2-year control group, Smotherman C, et al. IOVS 2023;64:ARVO E-Abstract 811).
†Compared to the 72-month progression of the extrapolated control group (predicted average annual decrease in AL by 15% based on the initial 2-year control group, Shamp W, et al. IOVS 2022;63:ARVO E-Abstract A0111)
‡One-year results from the two-year prospective, controlled, randomized, double-masked clinical trial results on 54 myopic children wearing Essilor® Stellest® lenses compared to 50 myopic children wearing single vision lenses.
§ Extrapolated
¶ The initial 24-month myopia progression and axial elongation of 50 myopic children wearing single vision lenses in the two-year prospective, controlled, randomized, double-masked clinical in Wenzhou China were compared to the 60-month follow-up of 43 children wearing Essilor® Stellest® lenses.

1. EssilorLuxottica data on file (2025). Myopia control efficacy of spectacle lenses with highly aspherical lenslets: results of a 6-year follow-up study
2. Bao, J. et al. One-year myopia control efficacy of spectacle lenses with aspherical lenslets. British Journal of Ophthalmology. 2022;106(8):1171-6
3. Wong et al. Eye growth pattern of myopic children wearing spectacle lenses with aspherical lenslets compared with non-myopic children. Ophthalmic Physiol Opt. 2024;44(1):206-213
4. Li X, Huang Y, Liu C, Chang X, Cui Z, Yang Q, Drobe B, Bullimore MA, Chen H, Bao J. Myopia control efficacy of spectacle lenses with highly aspherical lenslets: results of a 5-year follow-up study. Eye and Vision. 2025;12, 10. https://doi.org/10.1186/s40662-025-00427-3
5. Bao J, et al, Spectacle lenses with aspherical lenslets for myopia control vs single-vision spectacle lenses: a randomized clinical trial. JAMA ophthalmology. 2022;140(5):472-8.

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