

EssilorLuxottica

EssilorLuxottica unveils four-year clinical trial results of its Essilor® Stellest® lens at the 2023 Annual Meeting of the Association for Research in Vision and Ophthalmology (ARVO)

Latest findings released for the first time show sustained myopia control efficacy of the lens in children, saving more than one and a quarter dioptres of myopia over four years

Four-year data follows the recent publication of the three-year clinical trial findings in American Journal of Ophthalmology, which also highlights evidence of continued myopia control efficacy of the lens

Charenton-le-Pont, France (27 April 2023) – EssilorLuxottica yesterday presented the four-year clinical trial results of its myopia control innovation Essilor® Stellest® lens for the first time at the 2023 ARVO annual meeting in New Orleans United States. The findings show that Essilor® Stellest® lenses continue to exhibit strong efficacy in slowing myopia progression and axial eye elongation in children in the fourth year.

The clinical trial which began in 2018 was conducted at the Eye Hospital of Wenzhou Medical University in Wenzhou, China. The study assessed the four-year increase of myopia and axial eye length of children who wore spectacle lenses with highly aspherical lenslets (HAL). Essilor® Stellest® lenses are based on the optical design of HAL lenses. The key findings from the study include:

- HAL lenses saved more than one and a quarter dioptres of myopia on average over four years, demonstrating conclusive evidence of their effectiveness in slowing down myopia progression in children in the fourth year.
- Myopia progression and axial eye elongation in children wearing HAL lenses was slower compared to a modelled control single vision lens group¹, again indicating sustained myopia control efficacy of the lenses in the fourth year.
- HAL lenses remain effective in slowing myopia progression and axial eye elongation in older children (11-16 y.o.) in the fourth year.

The four-year results were presented by Dr. Björn Drobe from EssilorLuxottica's R&D team. Dr. Yee Ling Wong from the R&D team presented findings from a study that evaluated the eye growth of children wearing spectacle lenses with aspherical lenslets and with single-vision lenses in comparison to eye growth patterns in non-myopic children in Wenzhou, China. These findings concluded that the eye growth pattern in 9 out of 10 children wearing HAL lenses full-time was similar or slower than that of non-myopic children, after two years.

The release of the four-year data follows the recent publication of the three-year clinical trial findings in the medical journal *American Journal of Ophthalmology*, which also highlights evidence of continued myopia control efficacy of the lens in slowing down myopia progression in children over three years. When children switched to HAL lenses in the third year after two years of wearing single vision lenses, myopia progression and axial eye elongation decreased significantly, compared to children wearing single vision lenses. The link to the article can be found [here](#).

Norbert Gorny, co-Chief Operating Officer at EssilorLuxottica, said, “*We are proud to share the latest findings from our four-year study of the Essilor® Stellest® lens at ARVO, which demonstrate that the myopia control effect of the lens is sustainable over four years. We look forward to sharing additional data with the scientific community. Such encouraging, evidence-based findings will significantly help to enhance scientific understanding and clinical interest for myopia control solutions like the Essilor® Stellest® lens globally. To move the needle further, we will continue to advance myopia research, deliver innovative solutions, build partnerships to strengthen awareness and education, share insights and expertise at key conferences, and much more.*”

¹ based on Wright Shamp, Noel A Brennan, Mark A Bullimore, Xu Cheng, Elizabeth Maynes; Influence of Age and Race on Axial Elongation in Myopic Children. Invest. Ophthalmol. Vis. Sci. 2022;63(7):257 – A0111.

Contacts

Olga PRENAT

Head of Medical and Professional Affairs

prenato@essilor.fr

Mailis THIERCELIN

Media Relations

media@essilorluxottica.com

About EssilorLuxottica

EssilorLuxottica is a global leader in the design, manufacture and distribution of ophthalmic lenses, frames and sunglasses. Formed in 2018, its mission is to help people around the world to see more and be more by addressing their evolving vision needs and personal style aspirations. The Company brings together the complementary expertise of two industry pioneers, one in advanced lens technology and the other in the craftsmanship of iconic eyewear, to set new industry standards for vision care and the consumer experience around it. Influential eyewear brands including Ray-Ban and Oakley, lens technology brands including Varilux and Transitions, and world-class retail brands including Sunglass Hut, LensCrafters, Salmoiraghi & Viganò and GrandVision are part of the EssilorLuxottica family. EssilorLuxottica has approximately 190,000 employees. In 2022, the Company generated consolidated revenue of Euro 24.5 billion. The EssilorLuxottica share trades on the Euronext Paris market and is included in the Euro Stoxx 50 and CAC 40 indices. Codes and symbols: ISIN: FR0000121667; Reuters: ESLX.PA; Bloomberg: EL:FP. For more information, please visit www.essilorluxottica.com.