



SIGHTGLASS VISION

SightGlass Vision Releases First White Paper on Diffusion Optics Technology™

LOS ALTOS, CALIF., September 20, 2023—[SightGlass Vision](#) today announced the release of its [first white paper](#) regarding the company's Diffusion Optics Technology™ (DOT 0.2) spectacle lenses. The lenses use thousands of light scattering elements called dots, designed to mimic more natural contrast on the retina—a unique mechanism of action to slow myopia progression in children.

The in-depth paper explains the relationship between artificially high contrast signals at the retina and myopia progression. This groundbreaking research led to the development of DOT to manage such contrast, now clinically proven via the pivotal CYPRESS study to slow myopia progression in children from age six. Its efficacy is particularly of note for the youngest patients, who would typically experience the fastest progression.

The white paper can be read online or downloaded as a PDF at <https://www.sightglassvision.com/resources-for-eye-care-professionals>

“Harnessing the power of contrast management is a revolutionary approach to controlling myopia. Our DOT spectacle lenses are now paving a new path to reducing myopia progression from an early age. This white paper goes deeper into the science to explain the mechanisms of action, helping eye care professionals better understand the innovation,” said SightGlass Vision Vice President of Clinical, Medical & Professional Affairs Marcella McParland.

“As a more recent entrant into the myopia management field, our Diffusion Optics Technology paper will help disseminate the substantial science behind contrast management and its application. DOT spectacle lenses present a compelling alternative to existing solutions for slowing myopia's progression in children,” added Andrew Sedgwick, SightGlass Vision's CEO.

Over the last two years, SightGlass Vision's patent-protected technology with clinically proven efficacy^{1,2,3,4} made its commercial debut in several markets, including China, the Netherlands, and Israel, as well as through preliminary market trials in other countries. The company operates as a joint venture of CooperCompanies and EssilorLuxottica.

For more information, visit [SightGlassVision.com](https://www.sightglassvision.com).

About SightGlass Vision

SightGlass Vision develops innovative technologies and science-based treatments to address the global myopia epidemic, backed by novel and comprehensive research. Its unique Diffusion Optics Technology™ is based on ground-breaking discoveries surrounding myopia progression. Spectacle lenses using its patent-protected approach incorporate thousands of light scattering elements called dots designed to mimic more natural contrast on the retina—a method intended to reduce myopia progression in children. The treatment has completed the three years pivotal multisite clinical study. Founded in 2016, the company now operates as a joint venture of CooperCompanies and EssilorLuxottica to accelerate commercialization opportunities and expand the myopia management category worldwide.

SightGlass Vision™ Diffusion Optics Technology™ spectacle lenses are not available for sale in the United States.





DIFFUSION OPTICS TECHNOLOGY™

WHITE PAPER



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3. Rappon J., et al. Two-year effectiveness of a novel myopia management spectacle lens with full-time WEARERS. Invest. Ophthalmol. Vis. Sci. 2022;63(7):408.
4. Laughton, D et al. Safety and Efficacy of a Novel Spectacle Lens for Myopia Control Over Three Years. 2022 American Academy of Optometry annual meeting. 27 Oct 2022.