

Align your eyes. Change your life.

In a parallel arm study,
NeuroLens wearers
maintained a 60%
improvement in reading
speed after 30+ days of
continuous use, meaning
your patients can be more
productive for longer.



Learn more



Newton™

More Productivity Over Time



In 2024, NeuroLens published a study demonstrating Neurolenses with contoured prism technology provided wearers with a statistically significant improvement in reading speed for 30+ days of wear.

Neurolenses, with contoured prism technology, are a proven therapeutic solution for patients experiencing the painful symptoms of eye misalignment, such as headaches, neck pain and motion sickness.

However, in addition to symptom relief, enabling patients' eyes to work better together can also deliver the benefit of increased reading speed and productivity.

In 2022, NeuroLens published a study demonstrating Neurolenses with contoured prism technology provided wearers with a statistically significant improvement in reading speed for up to 7 days of wear.

This latest study aimed to demonstrate that improvement in reading speed could be maintained over a longer timeframe. To accomplish this, 44 young adults were assigned to one of two subgroups (those receiving Neurolenses with contoured prism technology and those receiving a Control lens).

Both groups of patients were given an updated refractive prescription in either their Neurolenses or Control lens (a regular single-vision design with premium anti-reflective coating).

Patients' reading speed was assessed using the WRRT (Wilkins Rate of Reading Test) reading speed test at baseline, again after 30 minutes of receiving their Neurolenses or Control lens, and again 7 ± 2 days after dispensing.

In addition, to take things a step further and determine the longer-term impact of contoured prism technology, these patients were assessed a final time 35 ± 2 days after dispensing.

The results proved, yet again, that Neurolenses with contoured prism technology help improve patients' reading speed and, beyond that, this benefit is long-lasting. Neurolenses, once again, displayed statistically significant improvement in reading speed at 30 minutes and 7 days, but this time they also demonstrated statistically significant improvement after 35 days of wear per ANOVA analysis ($p=0.0292$).

"People seem to believe that vision is only about 20/20 eyesight—if you can see clearly, everything is fine. Contoured prism lenses help patients understand that glasses can be used for issues other than eyesight. When your vision works better, you are going to have a better life."

Brenda Montecalvo, O.D.
Nova Vision Care

The table below illustrates the full results of the study. As you can see, the benefit of reading speed with Neurolenses is evident after only 30 minutes and accelerates after 7 days of wear. This benefit is maintained after 35 days of wear, and actually even continues to improve. While the Control lens also revealed an increase in reading speed, the effect for those wearing Neurolenses was nearly double over all the study visits.

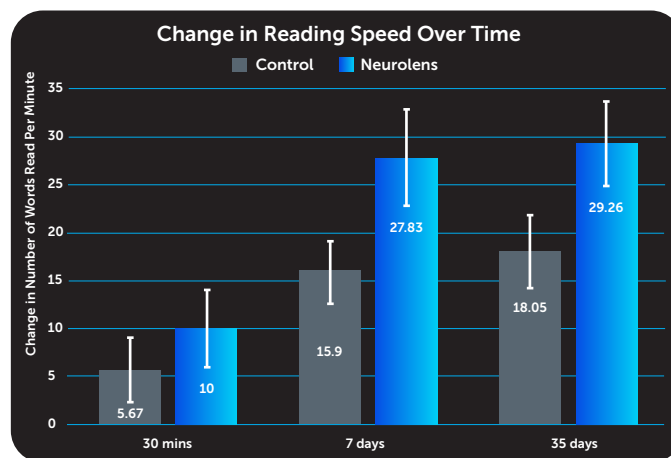


Fig 1: Comparison between Control and Neurolens wear in the change in mean reading speed (+ standard error) at 30 minutes, 7 days and 35 days.

While Neurolenses are a fantastic solution for those patients suffering from headaches, eye strain, motion sickness, neck strain, and other similar symptoms, this study sheds light on the opportunity for all patients who want to be more productive throughout the day to benefit from Neurolenses long-term.

Learn more about becoming a provider at neuroLens.com