



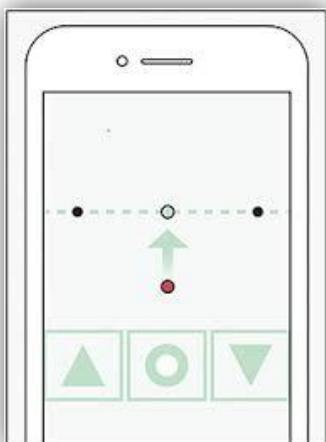
New Mobile App for Self-Monitoring Vision Changes

In the September 2017 AMD Update, we introduced ***MyVisionTrack***, a smart phone app that encourages individuals to monitor their visual acuity by tapping the distorted circle displayed on the screen. As the game progresses, the distorted circles become less obvious. The app determines the lowest level the eyes can detect distortion.

This summer the FDA permitted another mobile phone app for vision testing to be marketed. The

Alleye was developed in Switzerland and has been available in Europe since 2017. For this app, two dots are displayed on the screen and the user is asked to move a third dot using up/down controls so that the three dots create an invisible line. The alignment test

is repeated 10 times with the dots in various locations. The makers predict that this test picks up evidence of vision changes before they are evident to the patients themselves. The app has been evaluated and used successfully by patients with both wet and dry AMD.



For years, the Amsler grid was the standard for recognizing distorted vision that suggested retinal changes resulting from AMD. The creation of tests for mobile or handheld devices reflects our fascination with all things electronic and offers the user feedback and the ability to track results, which is not possible with the grid.

For seniors comfortable with smartphones, the testing should only take a few minutes and can be repeated as often as once a day or once a week. Results are collected and patients are given a score using a color scheme in which green indicates stable or no change and red indicates worsening performance. Users are advised to contact their eye doctor when consecutive red tests indicate sustained low performance.

Dr. Andrew Browne, MD, PhD, a retina specialist at Gavin Herbert Eye Institute welcomes new approaches for his patients with AMD to check for vision changes. “I encourage my patients to self-monitor their vision between visits. While some patients prefer the traditional Amsler grid, other patients are comfortable using smartphones containing apps like **Alleye** or **MyVisionTrack** or computer-based devices like the **Foresee Home Monitor**. If a patient experiences a change in vision or the test indicates a change in vision, we would like them to be evaluated clinically. When that patient comes to my office, I can use my examination and sophisticated testing equipment to assess their retinal health and develop a personalized treatment plan.”

Alleye is free to use and can be downloaded from your smartphone’s App Store. To learn more, visit www.oculocare.com