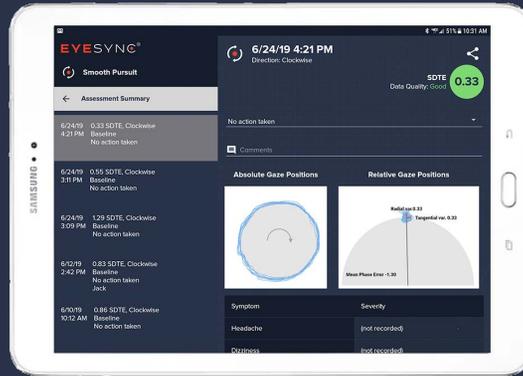


# Problems associated with poor dynamic vision:

- Poor attention
- Reading difficulties
- Difficulty concentrating
- Difficulty comprehending
- Frequent headaches
- Fatigue
- Poor sleep habits
- Concussion or other head injury
- Balance issues
- Disorientation

**EYESYNC®**  
*Rapid. Accurate. Reliable.*



**60 seconds** is all it takes

Discover how SyncThink's mobile technology, EYE-SYNC can rapidly assess and quantify your dynamic visual performance, a key indicator of brain health and function. It is a simple way of knowing if you can do what you love, safely.

Based on over a decade of clinical research, our proprietary metrics are designed to uncover actionable insights, guide your recovery and visualize your improvement over time.

To learn more go to [syncthink.com](http://syncthink.com)

Are you  
**EYESYNC®**  
 ready?

Change your life - in the blink of an eye.



# Frequently Asked Questions (FAQ)

## **1. What is EYE-SYNC?**

The SyncThink platform is a Virtual Reality (VR) based eye tracking system that can assess brain health and improve visual performance. EYE-SYNC consists of a battery of assessments that can be used to rapidly detect impaired cognitive function - often manifesting as ocular-motor and oculo-vestibular system deficits.

Once these impairments are identified, trained clinicians can use various paradigms for monitoring improvement over time or to provide visual training to improve dynamic vision.

## **2. Why should I use EYE-SYNC in my clinical practice?**

The eyes are the window to the brain, and their movements serve as a reliable indicator of neurological function. However most eye movements are subtle and unique, most of which are unable to be adequately detected or identified through a trained clinician's observation. As a result, key indications for impairment often go undetected or missed altogether - even during some of the most comprehensive clinical examinations.

EYE-SYNC was developed to measure and record the quality of these eye movements, and through years of rigorous evidence based research, abnormal eye movements can be accurately identified and quickly relayed to the clinician for interpretation.

It is safe to say that if you are not using a system to detect, identify, and classify abnormal eye movements, chances are you are missing important objective details that are critical to establishing an accurate diagnosis and treatment plan.

## **3. How easy is it to use EYE-SYNC?**

Each assessment is less than 60 seconds in length, creating a mechanism for easy screening and identification. This approach to rapid testing has been shown to improve both clinical workflow and patient throughput.

## **4. What clinical evidence supports EYE-SYNC?**

EYE-SYNC was developed over a 15-year period of extensive scientific research in collaboration with the US Department of Defense and the Brain Trauma Foundation. As a result, EYE-SYNC's clinical utility has been extensively documented in dozens of publications and continues to be utilized in numerous ongoing studies today.

In 2016, the FDA cleared EYE-SYNC for viewing, recording, and analyzing eye movements in support of visual impairment identification. In 2019, the FDA selected EYE-SYNC as Breakthrough Device Designation for aid to concussion assessment.

## **5. Can EYE-SYNC be used with other cognitive tests?**

Absolutely. The SyncThink platform is a complimentary tool that can be used in conjunction with most commonly used neurocognitive assessments available today.

## **6. Does EYE-SYNC require a baseline?**

We recommend a baseline to better understand individual performance differences over time, however it is not required. In most cases, results can also be compared against de-identified normative results.

## **7. How do I get the results? Can I export them?**

The results are generated instantaneously following the completion of each assessment. They are provided in both a visual dashboard for clinician interpretation and as a numeric value, representing the variance metrics used in EYE-SYNC. Results can also be exported via PDF or secure data transfer to an EMR or other database through our rest API.

## **8. When should EYE-SYNC be used as part of a diagnostic and treatment algorithm?**

EYE-SYNC can be used at the point of care during a comprehensive clinical evaluation, in the serial monitoring of recovery, and during the later stages of rehabilitation for optimization of dynamic vision for specific life or sport requirements.

## **9. Can EYE-SYNC be used as a standalone concussion diagnostic?**

No. There are no such diagnostic tools for concussion in existence today, and as such EYE-SYNC should be used as part of a comprehensive battery of assessments conducted by a trained clinician.

## **10. Can EYE-SYNC be used with children?**

While EYE-SYNC can be used in all populations and has been studied in children as young as seven, EYE-SYNC result quality in children appear to be affected by two primary factors - the maturation of attention and intra-pupillary distance (IPD). We have found eye tracking data captured on our system to be less reliable in children who have not yet reached puberty (when attention matures), or have very small IPD. As a result, we recommend the testing of children above the age of 13 in order to ensure the highest reliability of results.

However, studies are currently underway to better characterize eye tracking ranges for the pediatric population under these conditions.