



JOIN THE TBI ASSESSMENT GROUP

Embrace our innovative,  
non-invasive solutions for  
concussion detection.



*We are excited to bring our exceptional services to Florida. We travel across the state for our patient's convenience.*

Contact us today  
for a nearby assessment



(407) 710 1192



(407) 287 6302



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theTBIgroup.org

# Game Changer In Brain Health

TBI Assessment Group's  
Innovative, **Non-Invasive**  
Solution to Concussion  
Detection.

*Discover Our  
Groundbreaking  
Technology*

We can rapidly assess  
and quantify traumatic  
brain injury.





## *Pioneers In Health And Wellbeing*

TBI Assessment Group is a dedicated team that's passionate about improving your health and wellness. We work closely with top medical professionals and legal experts to provide thorough evaluations and address your health concerns accurately.

We use the latest technology and advanced diagnostic tools to deeply understand your unique health situation. Our diverse team and cutting-edge tools ensure we give you efficient and precise feedback.

Our mission doesn't stop at individual care. We're committed to building a healthier community. Through teamwork and innovation, we aim to create a society that's well-informed, resilient, and strongly connected.

### Simplicity and efficiency with TBI Assessment Group **How easy is it?**



Using TBI Assessment Group is super simple. Our 30-minute assessment offers a straightforward way for non-invasive screening. We've made the process quick and easy to spot visual and balance issues without any discomfort.

This doesn't mean we sacrifice the thoroughness of our analysis. With TBI Assessment Group, you get a complete health check that's effective, time-respecting, and comfortable.



### When would my healthcare provider use TBI Assessment Group **In my treatment plan?**

Your healthcare provider might partner with TBI Assessment Group when they need precise insights into your brain health and performance. By understanding the root cause of your symptoms, they can design a more personalized and effective recovery plan. The ultimate goal is to ease your symptoms so you can return to your everyday activities.

Often, the key to a successful treatment strategy is early detection of any dysfunction. This approach aims to facilitate a recovery process that's both timely and perfectly suited to your needs.

### What Scientific Evidence Backs **TBI Assessment Group?**

The technology employed by TBI Assessment Group is the result of 15 years of rigorous scientific research, conducted in partnership with the US Department of Defense and the Brain Trauma Foundation. Consequently, our methods are rooted in extensive documentation, featured in dozens of publications, and continually tested in ongoing clinical trials.

Our technology has earned FDA clearance for use in observing, recording, and analyzing eye movements, contributing to the identification of visual impairments.

Moreover, the FDA has recognized this innovative device we use as a 'Breakthrough technology', specifically for its aid in concussion assessments.





## When is the Right Time for a TBI Assessment?

If you've had a head injury from any event such as an accident, fall, or sports-related incident, the TBI Assessment Group is here to help. We provide a thorough health check-up and if necessary, suggest treatments to enhance your vision.

Our experts use a specialized dashboard to understand your results and ensure you receive the best possible care.

## What is a qEEG?

A qEEG is a diagnostic tool called the Quantitative Electroencephalogram. It provides a computerized brain map that can evaluate a person's cognitive and physical abilities. It is involved in recording, reviewing and measuring the electrical frequency distribution in the form of brain wave patterns. During the assessment we operate with a non-invasive electrode wet cap system to monitor the rhythms of the brain. It has shown a 96% accuracy in identifying TBI's.

## How can I get my results?

The results are generated instantaneously following the completion of each assessment. Once the report is produced, it is to be reviewed by a Board Certified Neurologist.

Reports from our state of the art devices are manufactured to provide a visual dashboard through video playback of eye-tracking and brain wave sequencing. As well as a numerical metric dashboard for clinician interpretation.

## Our Eye Tracking Tool

Our eye-tracking tool provides meaningful information about the functionality of eye movement to neuro-connections. With an infrared light sensor to target the pupillary glint (reflection of the light on the eyes) it is used to detect and measure the minute movements of each eye, surveying the functionality of eye nerve and muscle coordination. The report that is produced after each assessment illustrates the eye movements and vision tracking to uncover the story of a person's dynamic vision and brain health.

### How Useful Is Our Eye Tracking Tool?

This tool is useful for determining previous brain trauma (concussions, strokes), poor coordination or balance and the attention span a person acquires.

## FDA - Cleared Tool

These FDA-cleared, state of the art devices are used to record, measure and analyze the patients eye movements, the speed and processing efficiency of neuronal brain function. Furthermore, detecting the dysregulation of the brain. Our diagnostic services are backed by 15+ years of clinical research.



Endorsed by leading sports leagues, athletic programs, and healthcare organizations across the country, including:



## Can TBI Assessment Group be used with other cognitive tests?

Absolutely. Under special circumstances, both our eye-tracking system and qEEG neurocognitive assessments are used and compared to help diagnose a patient's neurological state.

## How useful is the qEEG?

Our qEEG provides a computerized brain map that identifies the spectral frequency distribution and source localization of EEG-electroencephalogram (electrical activities of the brain) components.

Brain mapping has shown useful for identifying anything from seizures, damage from substance abuse, to symptoms linked to ADHD and other brain-related conditions.

## Evaluation for Both Tools

This testing can evaluate a person's cognitive and physical abilities, including coordination, balance, memory and reaction time providing a more comprehensive assessment of brain functioning.

## When should a qEEG be recommended?

We strongly suggest this device is administered when there are cases that have had severe post traumatic experiences.

## Head Injuries

The need for a TBI Assessment can arise from a variety of scenarios, including but not limited to the following:

- Automobile Accidents**
- Slip And Falls**
- Physical Injury**
- Domestic Abuse**
- Blast or Conflict Injuries**
- Athletic Injuries**



## Traumatic Brain Injuries

When the brain's normal functioning is messed with as a consequence of a bump, blow, shaking, or other force to the head, this is referred to as a traumatic brain injury (TBI), commonly known as a concussion.

Brain Trauma can be experienced without losing consciousness or "blacking out". Most concussions do not include a time in which the victim is unconscious for an extended period of time.

<p><b>Symptoms of TBI</b></p> <p>Symptoms vary widely and are unique to each patient, falling into four main categories with numerous potential additional symptoms.</p>	<p><b>Psychological</b></p> <ul style="list-style-type: none"> <li>• Anxiety</li> <li>• Depression</li> <li>• Increased irritability</li> <li>• Suicidal thoughts</li> </ul>	<p><b>Behavioral</b></p> <ul style="list-style-type: none"> <li>• Emotional outbursts that change rapidly</li> <li>• Problems with impulse control</li> <li>• Poor judgment</li> <li>• Risky behavior</li> </ul>
<p><b>Cognitive</b></p> <ul style="list-style-type: none"> <li>• Memory problems</li> <li>• Difficulty concentrating</li> <li>• Confusion</li> <li>• Hard time finding words</li> </ul>	<p><b>Physical</b></p> <ul style="list-style-type: none"> <li>• Headaches</li> <li>• Dizziness</li> <li>• Vision problems</li> <li>• Difficulty sleeping</li> <li>• Fatigue</li> <li>• Sensitivity to noise and / or light</li> </ul>	<p><b>Sleep Issues</b></p> <ul style="list-style-type: none"> <li>• Insomnia</li> <li>• Sleep Apnea</li> <li>• Restless Leg Syndrome</li> <li>• Narcolepsy</li> <li>• Periodic Limb Movement Disorder</li> <li>• Sleep Walking</li> <li>• Hypersomnia</li> </ul>

## Beyond Diagnosis: Offering Comprehensive Rehabilitation for Traumatic Brain Injuries

Once our advanced assessments have been conducted and potential concussions or traumatic brain injuries (TBIs) have been diagnosed, we take it a step further.



**We connect you with our trusted third-party Neurologist who specializes in rehabilitation services.**

This collaboration ensures that you receive a standard of care that is not only high but also personalized to your unique needs. In this way, we provide a comprehensive solution, addressing both the cause and the aftermath of the injury.

**Trust us to guide you through this journey, every step of the way.**



*We travel across the state for our patient's convenience.*


### Ready to find out more?


Have you been injured in an accident?

Ask your referring professional if you may need a TBI assessment.

**Contact us today for a nearby assessment  
Same day appointments are available.**



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