

## Traumatic Brain Injury Facts

- According to the CDC about 1.5 million people in the U.S. suffer from a TBI each year.
- TBI is associated with damage to frontal, temporal and parietal lobes of the brain.
- The damage can lead to a multitude of cognitive, physical and emotional symptoms that can significantly impair day-to-day functioning.
- Diagnosis of mild to moderate TBI is often missed at the time of initial injury.
- MRI and CT scans are often normal for individuals with mild TBI.
- Symptoms can be delayed and often show up days or weeks after the injury.
- 15% of people with mild TBI have symptoms that last 1 year or more.

### TBI Symptoms/Impairment

- Impaired memory function
- Socialization problems
- Migraine headaches
- Frequent headaches
- Dizziness
- Vertigo
- Attention deficits
- Concentration difficulties
- Fatigue
- Sleep problems
- Restlessness
- Irritability
- Apathy
- Depression
- Anxiety
- Noise & light sensitivity
- Nausea
- Personality changes
- Visual disturbances
- Loss of smell
- Seizures



# QEEG Neuroimaging & Traumatic Brain Injury

Quantitative EEG (QEEG) has been shown to be highly sensitive (96%) in identifying post-concussion syndrome and a number of studies have shown neurotherapy to be effective in significantly improving or redressing the symptoms of post-concussion syndrome.

In addition to state-of-the-art technology the QEEG data undergoes a second by second assessment by a trained professional in the context of patient's history and symptoms to produce a personalized report no software could replicate.

Our practitioners have received training from Biofeedback Certification International Alliance (BCIA)—endorsed programs.

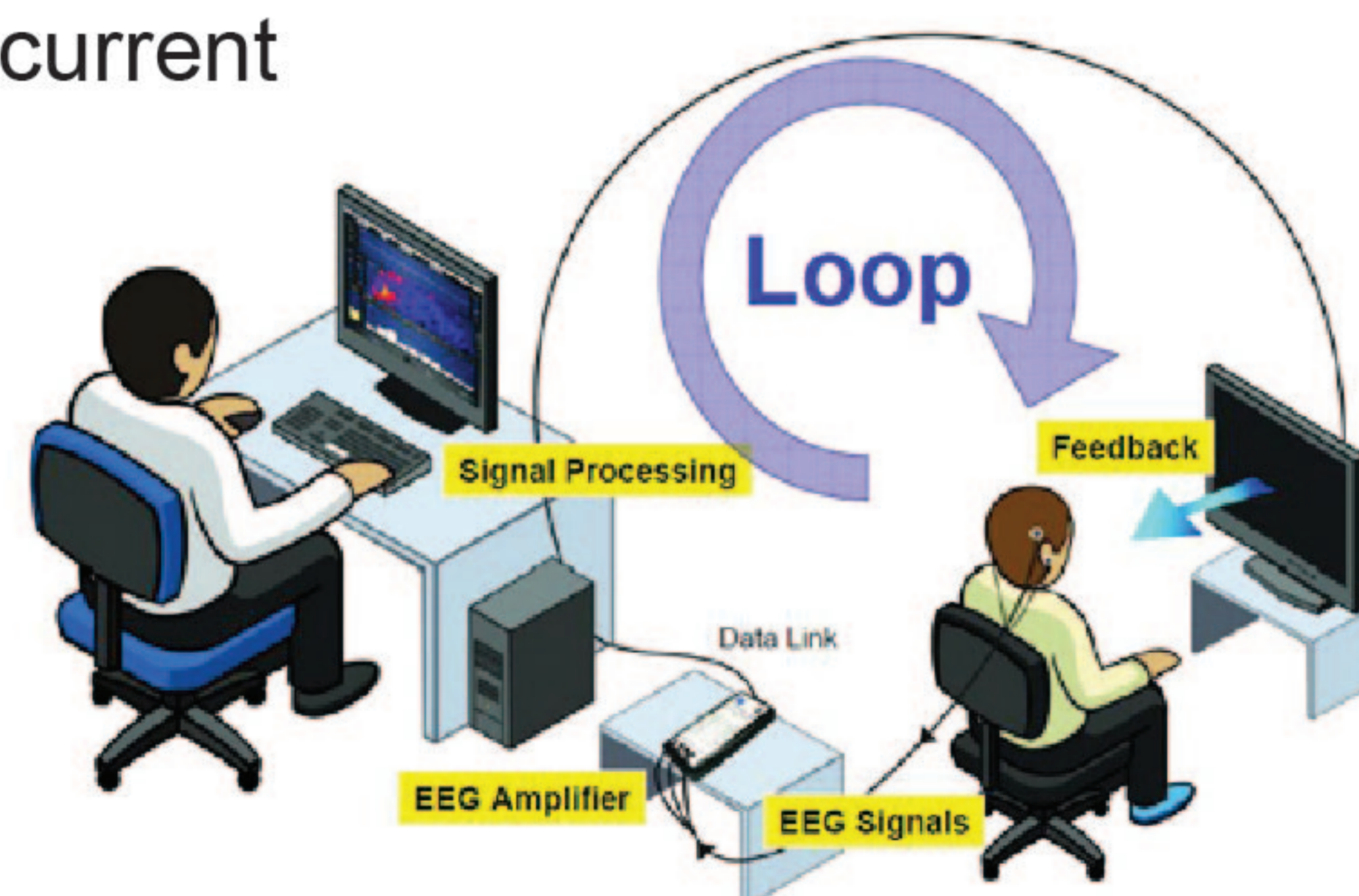
**And, we have in-house adjunctive services to complement our neurofeedback program.**

## State-of-the-Art Equipment

- Nexus-32 19-channel QEEG, neurofeedback & biofeedback system
- Neuroguide analysis & z-score training software
- Specific Neuroguide TBI discriminant database
- CNS Vital Signs computer-based continuous performance assessment

## Evidence Based Adjunctive Services

- Audio-visual entrainment
- Transcranial Stimulation
- Frequency specific microcurrent
- Mental health services
- Occupational therapy
- Craniosacral therapy
- Acupuncture
- Functional nutrition



To schedule or refer for services please contact us:

612.564.9947

franbieganekmslp@gmail.com

### Our NFP Team:

Fran Bieganeck, MS, LP, NFP

Guy Odishaw, RCST, NFP

Andrea Chazin, MS, Spec. Ed., NFP

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