

# What is NeuroCoach®?

## For Traumatic Brain Injury

### NeuroCoach for Traumatic Brain Injury Recovery

The NeuroCoach® Program for TBI Recovery focuses on helping individuals overcome brain-based dysfunctions that affects their ability to think clearly, make decisions and overcome personality and memory issues.

The BrainRecovery® for TBI NeuroCoach® Program starts with a detailed neuro-assessment and evaluation, NeuroCodeX®, which analyzes over 300 brain functions and related brain systems. The analysis concentrates on how those abilities or disabilities affect the person's overall behavior and specific brain performance. The assessments utilize FDA approved diagnostics and neuro-imaging techniques, analyzed by specialists in neurology, neurophysiology, and behavioral medicine.

Important measures that are computed include: the brain's ability to recover functional loss, brain resiliency under stress, anxiety, depressions, memory loss, and behavioral based upon the brain's current condition.

### NeuroCoach®

Those who participate in the NeuroCoach® BrainRecovery® for TBI program will be assigned specific brain based activities that are designed to strengthen the areas of the brain that they need, based on the NeuroCodeX® Report of Findings. These activities may focus on stress levels, memory, anxiety/depression, executive decision-making, judgment, attention, and/or being 'in control'.

Ultimately, NeuroCoach® will help strengthen the client's brain system to ensure greater resiliency of the nervous system, which in turn will allow the brain to efficiently and effectively learn and integrate the therapeutic support and recovery skills offered by the facility and/or therapist, or reintegration into daily living and working situations.

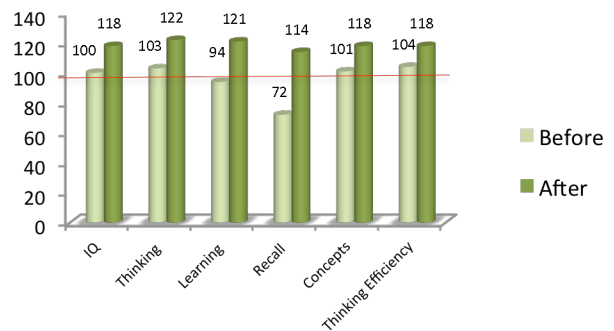
NeuroCoach® is a neuroengineered tool that provides targeted exercises and simultaneously monitors the client's brain performance during sessions. NeuroCoach® monitors the specific neuro-circuitry that was found to be at a deficit during the NeuroCodeX® Assessment. This training is instrumental in allowing the brain to rebuild and repair thus allowing subsequent brain recovery through the on-going use of targeted exercises.

Real-time responses and measurements are delivered to both the client as well as the therapist during each session. The live monitoring and recordings indicate whether or not the brain

circuits and brain regions are engaging appropriately during the assigned activities and whether the brain is experiencing the proper level of neuro-circuitry improved operation. In other words, making sure the brain performs and improves, as it should.

### Improvements/Outcomes NeuroCoach®

#### Before & After NeuroCoach®



Group Averages  
N=100 poly-substance use  
Number of Sessions = 24

#### Before & After NeuroCoach®

