# *FAQ Traumatic Brain Injury (TBI)*

## What is the difference between TBI and concussion?

A concussion is a form of TBI, often milder than many other traumatic brain injuries, but it is still a form of TBI and is treated the same.

## How does NeuroCodex identify TBI?

All clients start with the NeuroaEval® and NeuroCodex® to determine where the root cause of their issue/s are occurring and why. Based on the results of that evaluation we can see what parts of the brain are no longer organized efficiently or if there is a disconnect in how the brain is working, i.e..: if it has lost its neuro-efficiency or neuro-connectivity to the white matter. It is the white matter bundles that allow the neurotransmission of information throughout the different brain systems. The NeuroCodex® can identify those areas of the brain that are or have been affected.

## How does NeuroCoach work with TBI?

Using the information gathered through the NeuroEval® and NeuroCodex® results we then come up with protocols that are needed for the NeuroCoach® training system for that individual, depending on which brain areas and brain systems have been adversely affected by the TBI. The NeuroCoach® program is designed with very specific brain activities and exercises that target the areas for repair. Those activities have a specific hierarchy based on brain reorganization.

The program has a built in CogCheck® algorithm, which monitors and measures improvement. Based on progress and improvement, the programs are constantly updated to increase (or decrease) levels of difficulty of those activities. This allows continued improvement in brain function and resiliency. After 8 weeks a re-evaluation is conducted to show objective results for brain function improvement and increased connectivity among brain systems.