Both Neurofeedback and Hyperbaric Oxygen Therapy have a substantial body of scientific evidence supporting their use independently with many disorders.

While Hyperbaric Oxygen contributes to healing of the damaged brain structure, Neurofeedback encourages the optimum function of brain activity.

Neurofeedback and Hyperbaric Oxygen Therapy have an established history in the healing of injured brain tissue and recovery of proper neuron function.

Highlander and Canadian Hyperbarics have teamed up to provide these therapeutic services to select clients with the following concerns:

- Traumatic Brain Injury
- Stroke
- Autism
- Attention Deficit Disorder
- Cerebral Palsy
- Post Traumatic Stress Disorder
- Addictions

Please contact us for additional information.

CALL FOR AN APPOINTMENT

780-903-3961
NEUROFEEDBACK

Neurofeedback is a variation of established biofeedback that facilitates changes in brain wave patterns and regional cerebral blood flow activation; both of these responses are direct stimulants to healing.

Neurofeedback is a comprehensive training system that promotes growth and change at the cellular level of an injured brain. It can encourage, enable and establish neuronal pathways that have been damaged or disrupted.

Founded upon computer-assisted tools, Neurofeedback uses auxiliary equipment that can measure the metabolic activity of the brain and render a real-time reaction that is measured to target the impaired function.

The Neurofeedback technique monitors brainwave activity and allows precise inputs to be presented and induce conditioning of appropriate brain signal pathways.

The Neurofeedback training focuses on the rehabilitation of the actual and specific injured areas of the brain.

Neurofeedback empowers the patient to use their mind as a tool for personal healing.

For more than 30 years, Neurofeedback has transformed the lives of those consigned to unresponsive brain injury.

HYPERBARIC OXYGEN

Hyperbaric Oxygen is a proven and effective therapy for the treatment of numerous life and limb threatening medical conditions.

There are many conditions where treatment is covered by insurance. These conditions are critical care where it is critical to deliver high concentrations of oxygen to keep the patient alive.

This therapy is also beneficial in cases of recent or previous brain injury from stroke, disease or accident.

Hyperbaric Oxygen is well recognized for controlling the amount of oxygen being delivered to tissue. It is capable of delivering increased amounts of oxygen to damaged brain tissue. Oxygen to the brain is proven to be the most significant issue for all processes, including survival, healing and function.

Hyperbaric Oxygen increases the amount of oxygen carried to the tissues by forcing oxygen into the plasma, lymph and cerebrospinal fluids.

Extra oxygen nurtures brain tissues, induces healing processes and promotes function of damaged brain cells.

Bathing damaged and impaired brain tissue with oxygen has long been known to be an effective intervention to promote healing. Hyperbaric Oxygen is like a rain breaking a drought.

It really is a breath of fresh air.