

red, orange and yellow too much activity.
 blue'-too little activity
 Green-normal activity

Pre-Treatment Brain Map

Neuro-Feedback is a type of therapeutic treatment for your brain. Neurologically related issues such as problems with memory, slow learning of new information, slowed thinking, reduced problem solving, decreased concentration and ability to focus make everyday tasks more difficult resulting in emotional instability, i.e.; feeling overly anxious, depressed. Cognitive behavioral issues may arise such as rigid thinking, oppositional behavioral, anger resentment and persistent negative thinking.

What Conditions Does Neuro-Feedback Help?

Published evidence exists regarding improvement in the following issues:

- Attention Deficit Disorder (ADD/ADHD)
- Traumatic Brain Injury
- Age Related Cognitive Decline
- Post-Traumatic Stress Disorder

- Learning Disorders
- Depression
- Chronic Fatigue Syndrome
- Chronic Pain
- Sleep Disorders

Literature clearly indicates Neuro-Feedback is an effective treatment when the brain is not performing as it should. When integrating Neuro-Feedback with traditional cognitive/behavioral therapies one can learn to improve mental functioning in these areas.

- Enhanced Cognition, memory, attention, reasoning, comprehending, problem solving and organizational skills
- Enhanced mental clarity and energy to think more clearly and feel more alert
- Improved mental speed and processing to think and respond more quickly
- Regulate emotions and actions for improved daily functioning to feel more positive
- Improved quality of sleep
- Feel less anxious and more confident through cognitive skill mastery

Psychological Services

Brain Mapping Diagnosis
 Cognitive & Behavioral Therapy
 Neuro-Feedback Treatment

269-277-3013

What is involved in a Neuro-Feedback Assessment?

An additional interview is done to obtain a description of symptoms and health history.

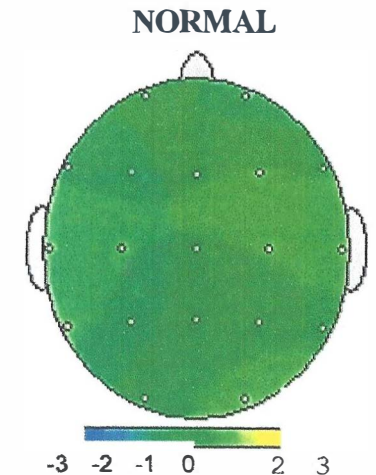
A brain map or QEEG is performed as an objective measure to define abnormal brain wave activity. This is a non-invasive painless procedure. The information obtained along with other testing is used to create an individualized treatment plan.

The treatment plan is then reviewed with the patient so that the treatment goals and role they play in the process are understood.

For a comprehensive literature review:

www.isnr.org/comprehensivebiblography.com

www.appliedneuroscience.com/articles.html



Why Neuro-Feedback?

The brain map objectively defines which and where this deregulation has occurred. Since all learning requires feedback, a training protocol is designed to teach the brain how to regulate itself. Result, improved brain functioning.

How does it work?

NeuroFeedback works through a learning process called operant conditioning in which reward feedback (auditory/visual) informs the patient when their brain waves are acting in a way that is improving cognitive and behavioral functioning. Through therapy the patient is taught cognitive skills and strategies necessary to manage their symptoms.

How Long Does Treatment Take? Neuro-Feedback is used in conjunction with traditional cognitive and behavioral therapies as a comprehensive approach to treatment. Treatment sessions last approximately 45-60 minutes and occur twice a week. Improvement can begin by the tenth session with some lasting results at 25-30 sessions. Once the brain forms to regulate itself properly it remembers what it has learned and begins to perform more efficiently and effectively.

What does neuro-feedback cost? Will my insurance cover this?

Traditional health insurance plans may cover a portion, if not all the cost. Our team will work with you to verify medical benefits so you will know your costs prior to treatment. In the event your insurance will not cover services, a cash fee acceptable to your financial needs can be arranged.

How Can I be referred to this program?

A referral can be given by a physician. One of our clinicians can perform an initial assessment and discuss the findings with your physician to assure you would benefit from the program.

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Advanced treatments for neurological disorders such as ADHD, Traumatic Brain Injury, Anxiety, Depression and Age-Related Cognitive Decline.

