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## **Technology Behind the Behavioral Relationship Entrainment Program (BRE)**

BrainTek Institute has assisted individuals, schools, institutions, doctors and clinics through brain entrainment since 1996. BrainTek has been successful in helping many people with cognitive challenges and our successes have been headlined on regional and national news and MSNBC and dozens of print and internet newspapers.

Our BRE program has been shown to be effective for; anger, anxiety, cognitive skills, mild depression, focus / attention, frustration, hyperactivity, memory, mental fatigue, productivity, sleep, stress, stress related illness, learning disorders, insomnia, OCD, Addictions, Traumatic Brain Injury, Depression, PTSD, Stroke, Epilepsy, Fibromyalgia, TMJ, Anxiety, RLS, Multiple Sclerosis and Autism Spectrum.

**Many people have asked “How does the BRE Program work so rapidly and have the success it does in so many areas while other methodologies and interventions have taken years to accomplish results and often fail?”**

**The answer boils down to three key facts.**

### **First**

Our researchers developed proprietary technology that provides real time data of the brain, unlike standard testing modules such as MRI, PET, CAT and SPECT which are only pictures in time.

### **Second**

We established a method of analyzing the data from this specialized technology which provides maps of where deep rooted relational imbalances are.

### **Third**

Ultimately, the key to our success is the solution we provide by administering proprietary Sound Entrainment Protocols that send signals to the challenged pathways leading to successful results for the clients. (These signal based protocols utilize up to sixteen elements of sound which are targeted to certain zip codes within the brain.)

It is important to know that analyzing behavioral relationships in the brain starts with looking at the genesis of thought and mapping it to the behavior. In order to do this, our researchers developed BRE Imaging, which maps the behavior to the genesis of thought. To establish a baseline, our researchers used this map to

identify and compare similar subject data to determine which zip code in the brain responded with a less than desirable behavior to the genesis of thought. That data was then indexed and was used for reference in creating sound entrainment protocols.

BRE Imaging uses electrodes that interface with the BRE Software which looks at zip code specific locations within the brain. The data is processed through the BRE Matrix that compares the markers from genesis of thought to resulting behavior. The BRE Matrix uses these calculations and coordinates to select the most appropriate protocol for your client.

To better understand the BRE Program, we will take a closer look at how it works. The automated BRE Program measures the sequence of behaviors that result from the genesis of thought. For example, if you tell your thumb to move and your little finger moves, two markers are born. The first marker is the genesis of thought; telling your thumb to move. The second marker is the behavior which SHOULD be your thumb moving. If there is any other result or no result, the signal between marker one and marker two are skewed.

The BRE Program automatically identifies the zip codes of the two markers and works backward from Marker Two to Marker One. The BRE Matrix selects the signals, which is describe later in this document, and fine tunes the connection between Marker One and Marker Two. The initial session is to allow the BRE Matrix to fit the client with the appropriate protocol.

Creating the map identifies the skewed resulting relationship (Marker 1 and Marker 2). Understanding what is skewed is only a portion of the challenge. Next we needed a method to reset or tune the brain. We developed sound entrainment protocols which contained a set of signals that were effective in reaching the desired targets in the brain. To make the project more acceptable to the human ear, we embedded proprietary signals into relaxing music. These signals are able to deliver to four areas of the brain at the same time and are able to stimulate one area while inhibiting another and relax another area at the same time. We found these signals effective in clinic and classroom tests and in double blind / placebo studies.

Our goal at the BrainTek Institute is to expand our reach to more people in need, so they can experience our life changing solutions. That is why we created the automated BRE Program which is available to health care professionals throughout the world by way of our dedicated servers. Once certified, the health care professional will have private access to the BRE Program which contains our proprietary NeuroChemical and NeuroElectrical assessments stored on our secure servers. These automated assessments have a built-in matrix which scores and selects the appropriate sound entrainment protocol for the client. The protocols can be accessed immediately from the practitioner's office or from the Client's home. Clients enjoy the flexibility our unique program offers since they are able to access these entrainment protocols in-between office visits anywhere there is high speed internet access. It's like having a personal trainer for your brain show up and give you a work out, anywhere you choose! Our results our Life Changing.....check us out on the web at [www.BrainTekInstitute.com](http://www.BrainTekInstitute.com)