

MENTAL HEALTH PROGRAM

Neurofeedback: Brain Mapping Services

What Is A Brain Map?

A brain map is a valuable and powerful resource for helping to identify the strengths and weaknesses in how your brain is performing. Brain Mapping (sometimes called Brain Scanning) is a gentle, painless, and non-invasive test using a multisensor [EEG](#) that measures electrical signals in the brain. Our system then produces a comprehensive report that can reveal your brain's unique profile of "how it works", which results in your experience of yourself, and in many of the behaviours and choices you make moment to moment throughout your day.



These reports have been used for decades by physicians and psychologists to look for anomalies in brain-wave patterns as well as for performance patterns that can stack the deck against someone's success in life.

Understanding how your brain operates will provide you with valuable insights you can use to improve your life. Furthermore, brainmaps can be used hand-in-hand with brain training, to provide targets to change through Neurofeedback Brain Training, as well as a way of measuring the results of Brain Training.

How Does it Work?

Quantitative Electroencephalography ([qEEG](#)) is the process of using sensors placed on the scalp to measure the electrical activity inside the brain. The software interprets these brain wave signals, from several different parts of the brain, identifying signals that are either too responsive (over or 'hyper' active) or not responsive enough (under or 'hypo' active). The software compiles this data into patterns, which can be used to predict what is "common" brain performance for that individual. Multiple reports are generated to present these findings and to inform potential clinical interventions where appropriate.

What Are The Benefits?

BrainMaster™ Technologies Inc. is leading-edge equipment and software that provides the quickest and most accurate results available.

- The mapping procedure takes under an hour.
- You will receive a detailed report with specific evidence-based recommendations, clinical-grade data-streaming and collection, valuable secondary resources and information, and raw data helpful for medical and psychiatric reference.
- Brain mapping is a powerful tool, helpful in assisting medical and psychological professionals to make accurate and evidence-based decisions affecting your health. The information in the clinical synopsis can be a great resource for treatment planning and guiding caregivers and educational and other support services.

Brain Mapping and EEG Training

BrainMaster™ Technologies Inc. qEEGs create "protocols" that can be used to design your *Neurofeedback Brain Training* to help address specific and general concerns - invaluable information for your journey to better brain health and performance!

- Children and teens benefit from increased brain fitness, improved concentration, increasing personal regulation and self-control.
- Top professionals and Olympic athletes use brain mapping and neurofeedback technology to improve brain performance and mental acuity.
- Address specific mental health and personal concerns.
- BrainMaster™ Technologies Inc. provides Z-Score Power Training (part of our Neurofeedback services) for improving overall brain health and performance including improving absolute power (AP), relative power (RP), coherence (CO) and phase lag time (PH).

What Does a Brain Map Look For?

Brain mapping provides important information regarding a variety of brain performance challenges including:

- ADHD
- Anxiety
- Attention Deficit Disorder
- Attitude
- Autism (ASD)
- Brain Amplitude (Power) and Performance
- Brain Fog
- Concussions
- Depression
- Dyslexia
- Epilepsy
- Memory Disorders
- Obsessive Compulsive Disorder
- Problems with Concentration
- Psychosis
- Raynaud's Phenomenon
- Schizophrenia
- Sleep Issues
- Substance Addiction
- Tinnitus (Ringing in the ears)
- Traumatic Brain Injury
- Plus a Variety of Related Brain Chemistry Issues



How To Get Started

Setting up a Brain Map for yourself or a family member is easy, and our professionals will be happy to walk you through the process, answer any questions you may have, and provide valuable resources to aid in your decision about whether or not a brain map is right for you.

Common Funding Sources Include:

- MCFD Contracts
- Autism Funding
- Employee Health Benefits (through your employer)
- Private Funding

Brain Map appointments are available weekdays during the day and evening, as well as on weekends. Both in-home and in-office sessions are available depending on the region you are located in.

"Getting the brain map was quick and easy. Reading the report was amazing!"

1. To explore Brain Mapping services, please book a brain map in your local community using the following link: <https://pivotpoint.ca/brain-map/>. Once you've completed this, our Brain Mapper will get in touch with you to provide additional information and address any questions or concerns you may have about the process or the services offered.

- If you are using Autism Funding, the child must be over 6 years old, some forms will need to be signed.
- If you are paying privately for Brain Mapping, our Program Assistant will discuss how to add this financial contribution to your existing budget so that everything runs smoothly.
- The total cost for the pre-screen assessment, Brain Scan session, processing reports, and presentation of our Clinical Synopsis and findings is \$1000 per person.



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