

Our objective is to restore problematic regions of the brain to optimal neurological activity

Studies show that individuals with neurological disorders tend to have abnormal brain connectivity, specifically disrupted neuronal connections.

As pioneers in the use of Magnetic e-Resonance Therapy (MeRTSM treatment), we deliver a non-invasive neuromodulation technology aimed at improving the way the brain processes information and restoring optimal brain activity.

As a result, following MeRTSM treatment people have reported the following benefits:



Better sleep



Better concentration and focus



Greater ability to cope with stress



Better mood



Improved mental clarity and memory



USC Center for Neurorestoration



Get in touch to learn more about MeRTSM treatment

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For a full list of BTC Clinic locations visit

www.braintreatmentcenter.com

A number of systems have been cleared by the Food and Drug Administration (FDA) for neuromodulation purposes, including in the treatment of Major Depressive Disorder. The neuromodulation equipment used by the MeRTSM treatment has been cleared by FDA in the treatment of depression, and may be used off label for other disorders in the practice of medicine.

For Australian enquiries please contact
www.braintreatmentcentre.com.au

Our aim is to help people struggling with developmental and sensory processing issues get a new chance at life.



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What is Magnetic e-Resonance Therapy? (MeRTSM treatment)

An Individualized Approach to Brain Stimulation

Through MeRTSM technology we're able to uniquely image and map the brain to reveal areas that aren't communicating properly. Then we use the data to develop a personalized treatment approach to brain stimulation, aimed at optimizing the brain's activity to the individual's optimal frequency.

MeRTSM treatment involves targeted neuromodulation that is:

- Patient-specific
- Non-invasive
- Non-pharmaceutical



The MeRTSM treatment process

1. Evaluation - We start by analyzing the brain, heart rate and brain-heart coherence via an EEG/EKG. Our scientists then analyze the test results to determine the patient's current brain state and identify areas that may not be communicating optimally.

2. Analysis and Protocol - We input the neurophysiological data into a patented algorithm to develop a customized treatment plan.

3. MeRTSM Treatment - The patient sits in a chair, and a trained technician places an electromagnetic coil on the head for 6-8 seconds per minute. The coil produces a magnetic field to induce mild electrical currents in targeted regions of the brain.

4. Progress Evaluation - We repeat tests regularly to assess progress and refine the treatment approach based on the current neurological state.

Based on BTC double-blind clinical trials and retrospective case studies, individuals with ASD have seen the following benefits following MeRTSM treatment:

50% **CARS Score**
of individuals saw a 30% improvement in CARS score, corresponding to a significant change in ASD severity

70% **Sleep**
of individuals with sleep disturbances saw sleep patterns restored to normal

66% **Communication**
of individuals with verbal and non-verbal communication difficulties experienced improvement

70% **Eye Contact**
of individuals with difficulty maintaining eye contact experienced improved eye contact behavior

50% **Learning Capacity**
of individuals with diminished learning capacity experienced improvement



ASD symptom change following MeRTSM treatment

