

LEAP BEYOND BARRIERS FOUNDATION

OBJECTIVE

Through our Non-for-Profit LBBF, we want to complete a second research study to replicate and further investigate the innovative cutting-edge results from our first research study on Ion Cyclotron Resonance Therapy. Our initial study proved to be truly transformative for individuals with Autism, making profound changes in their lives in a remarkably brief period, surpassing the impact of existing interventions.

FOR EXAMPLE;

- We had individuals who had no vocal communication skills who began to vocalize within a mere 8 weeks of treatment.
- There were cases where individuals exhibited a significant decrease or complete elimination of stereotypical behaviors that had previously interfered with learning and other domains of daily life.
- Those facing challenges in learning, retaining, and applying skills demonstrated heightened progress in skill acquisition, as well as improved retention of acquired skills in shorter periods of time.
- We had individuals experiencing severe anxiety symptoms hindering their presence in specific environments due to over-stimulation, successfully attended and actively participated in such environments.
- Individuals with significant self-injurious behaviours and aggressive behaviours directed towards others, experienced a significant reduction or outright elimination of these behaviours that had previously interfered with their ability to live day to day.
- We had individuals with irregular sleep patterns were finally able to sleep, contributing to improved rest not only for the individuals themselves but also affording their family members more restful sleep.

STUDY

This Study was 15 weeks long, we did pre and post standardized testing measures to identify both progress and concerns over the course of the study across executive functioning, language and behavioural domains. Finally, individuals with initially limited skill sets, unable to successfully navigate the initial test items in standardized assessments, demonstrated improvement by accurately answering some of the test items.



With these improvements, there was a notable enhancement in the quality of life for the participants and their families as well.

GOAL

It is imperative that we complete a larger and more extensive study to validate and replicate these results. Additionally, making this intervention available to individuals in dire need could provide a level of quality of life that might otherwise be unattainable for them.

The next study will be 15 weeks as well but we will also have an EEG device activated during testing of various skills sets to see exactly how each individual's brain waves are responding to the tasks. Then, the medical doctor and neurologist will complete brain mapping to have the brain respond in a more functional manner. It is imperative to balance the brain waves related to our testing, so they function at the proper Hz in order to control impulsivity and allow the brain to function correctly to enhance learning.

We will be mapping the areas of the brain for:

- Expressive and Receptive Language
- Social skills
- Cognitive skills (including executive functioning, learning skills, etc.)

We are seeking for financial donations to sustain and advance this transformative research that holds the potential to significantly impact lives. Any contributions will be appreciated.

If interested in donating or being a corporate sponsor, please contact leaps and bounds exceptional services at 647-554-6543 or email at deanna@leapsandboundsservices.com.

OUR MOTIVATION

Unfortunately, in the last three years, the Ontario Government has made and continues to make cuts to services for individuals with Autism and related neurological disorders. Many parents express significant distress about limited resources, cost of resources, treatment options, and a pervasive sense of uncertainty about not knowing where to turn or where to start for their child. These cuts leave children and adolescents in school systems that do not have the resources or the appropriate training or qualifications to support these learners to be successful in the educational system. Consequently, many of these children get left behind within an educational system that fails to meet their needs. In some cases, some students are not permitted to attend school due to significant behavioural concerns that the education system is unable to handle leaving parents with no place to go with their child.

The substantial cuts to Autism approved therapy and prolonged waitlist periods (three to five years from diagnosis to access funds), have raised considerable concerns. It is claimed that it is a needs-based program but each individual has a cap on the amount of funds they can access at a given age. Often children have missed the optimum time for the current therapy (ABA) approved by the Ontario government to have the best outcomes. This research offers an alternative intervention for children succeed in many areas and is an extremely cost-effective treatment, presenting a viable option for families who cannot rely on government funding or are experiencing hardships by extensive wait times and cost of services. This is an intervention that most families would be able to afford in the absence of government funding and long wait list times.

ADULT SUPPORT

We have also seen improvements in adults with Autism, although this is antidotal evidence. To ensure a comprehensive understanding, it is imperative to investigate this treatment further in the adult population, as they too deserve the opportunity to maximize their potential. There needs should not be overlooked, and proactive treatment efforts should be made to address and support their well-being and quality of life.



OUR COMMITMENT

There is a great need in Ontario to build capacity for services and for this population. Too many times this population is forgotten about and falls through the cracks. We are doing our best to ensure that this does not happen to individuals with Autism and related neurological disorders. Over the last 26 years we have been strong advocates for supports and services for this population. We intend to continue advocating for every single individual and every single family that needs us.



DONATE NOW

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