



DR. LEMMO BRAIN CENTRE

Improving brain function. Restoring lives.



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Dr. Anthony Lemmo FABBIR
Board Certified Functional Neurologist

The Dr. Lemmo Brain Centre treats patients suffering from brain injuries, concussions, degenerative disorders, aging-related conditions and child developmental issues that affect the brain and central nervous system. The Dr. Lemmo Brain Centre also provides care for athletes, such as NHL all-star Taylor Hall and Kerby Rychel, seeking to enhance skills and optimize performance.

Dr. Anthony Lemmo is a Board Certified Functional Neurologist that studied directly with world-renowned Dr. Ted Carrick at the Carrick Brain Center. Dr. Lemmo has been admitted as a Fellow of the American Board of Brain Injury and Rehabilitation (FABBIR) by Dr. Lorn Miller MD, FACFN, DABNP, president of the American College of Functional Neurology (ACFN) and is authorized to utilize the credential FABBIR. This esteemed accreditation represents a four-year post doctoral program in clinical neuroscience where Dr. Lemmo successfully completed the studies, clinical requirements and exams prescribed by the American College of Functional Neurology. Dr. Lemmo is one of eight FABBIRs in Canada.

Dr. Lemmo combines the latest research-backed examinations with broad-based in-office diagnostic testing to address the needs of our patients. Our integrated, evidence-based approach to diagnostics enables us to fully assess neurological function and cognition to pinpoint brain impairments that may be responsible for limiting function and cognition. The information from these diagnostics helps establish a baseline for neurological performance and a basis for secondary testing and evaluations. Once complete, the diagnostic information is used to prepare a treatment plan and to establish milestones at which to gauge our patient's progress.

Breakthrough Therapies

Our innovative therapies help restore impaired function by using the brain's natural ability to repair, compensate and adapt. The therapies target affected areas with specific activities to rebuild or redirect critical neural pathways.

- Technology-based therapies provide stimulation directly to the targeted brain or central nervous systems dysfunctional areas
- Progress testing provides continuous feedback on improvement or success
- Follow-up and in-home therapies support maximum relief or recovery

Evidence Based Diagnostics

We combine the latest research-backed examinations with broad-based diagnostic testing performed in our office. Our testing includes:

- Detailed neurological diagnostics with inputs from physical exams and gold-standard scientific equipment including Videonystagmography (VNG), Comprehensive Assessment of Postural Systems (CAPS), Saccadometry and Neuro Sensorimotor Integrator
- Comprehensive physical exam to document the patient's current condition, baseline capabilities and deficits related to brain function
- Analysis by our Board Certified Functional Neurologist to pinpoint the areas of the brain that require therapy

Individualized Care

Our Board Certified Functional Neurologist provides each patient with a custom individualized care plan designed to address specific impairments. The plan includes in-office therapies and in-home exercises that support maximum improvement on every visit.

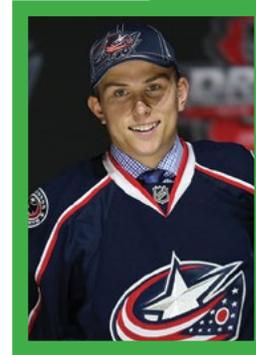
- Custom-developed treatment plan includes inputs from physical exams and detailed diagnostic test results
- Treatment is scheduled in multiple daily therapies with progress measured frequently against initial tests and diagnostic baselines
- Treatment plans are refined as progress improves to achieve the best possible results

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Dr. Lemmo not only brings a different approach than everyone else with regard to concussions and sports enhancement, he also explains your brain to you and explains the functions that help you reach your full potential.
- Kerby Rychel, 1st Round NHL Draft Pick



Working with Dr. Lemmo has enhanced my vision and on-ice coordination. He has allowed me to be confident in my mental well-being.
- Taylor Hall, 1st Overall NHL Draft Pick, 2015-16 NHL All-Star

PERFORMANCE ENHANCEMENT

Maximize skills and potential.

Many factors affect an athlete's ability to perform well and consistently. At the Dr. Lemmo Brain Centre, we measure and test the cognitive and physical function of athletes to pinpoint neural or physical barriers, then build an immersive treatment protocol designed to maximize performance on and off the field or court.

The practice of performance improvement is not a modern invention. The competitive nature of humans and the desire to increase the output of the human body has existed as far back as we know. The focus of performance improvement has historically been around the consumption of chemicals or substances to increase output or performance. At the Dr. Lemmo Brain Centre, we believe that performance

enhancement does not have to be artificially created.

There are certain factors that must come together to create what is known as performance. These five key components to human performance are: planning, latency, speed, accuracy, and endurance.

We focus on helping athletes across all sports to naturally improve

performance by testing, measuring and improving those five key components. A .005 second reaction improvement to sound, light and external stimulus can represent a personal goal, a gold medal or victory.

Once our Board Certified Functional Neurologist identifies areas of decreased performance and areas of potential improvement, therapies are combined to exercise and optimize the deficient areas. These individualized plans may consist of specific eye exercises, vestibular rehabilitation, and sensory stimulation.

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“Dr. Lemmo gave me all these exercises to do. I started to not make any facial expressions or noises. I was definitely able to concentrate more and I got a lot more work done. And then we would have to keep upgrading my exercises because my brain would start to strengthen. That kept helping and my concentration just kept getting stronger and stronger. - Eamonn Fox



“I spent years looking for a cure and Dr. Lemmo was just around the corner. It’s unbelievable, really, we’re so grateful. I wish we would have ran into Dr. Lemmo five years earlier. We could have saved ourselves a lot of money and we could have saved medicating my son. - Joe Fox (Eamonn Fox’s father)



ADHD & ADD

Rebuilding without medication.

Our brain-based therapies construct or rebuild neural pathways to help patients alleviate symptoms without medication. We take the time to understand each patients’ unique group of symptoms and craft an immersive treatment program that best suits their needs.

Attention deficit hyperactivity disorder (ADHD), characterized by a combination of inattentiveness, hyperactivity and impulsivity is the most commonly diagnosed behavioral disorder in children.

It can have a significant impact on a child’s quality of life both in school and at home. ADHD is often aggressively treated with medication.

At the Dr. Lemmo Brain Centre, we believe that a diagnosis of ADHD does not need to be a signpost towards prescription medication treatment only.

Our brain-based therapies can help improve control over symptoms. This brings more positive, productive engagement in school and family activities.

We offer individualized diagnostic

and treatment overseen by our Board Certified Functional Neurologist.

Our intensive, individualized and immersive patient engagement model allows us to continuously measure progress and refine treatment regimens to optimize outcomes. We strive to achieve measurable results every day to significantly improve the lives and function of our patients.

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If you're suffering a concussion, don't just sit there and suffer. Go see Dr. Lemmo. If he tells you he can fix you, he will. - Paul Ouellette



My headaches started going away, I was more focused, loud noises didn't bother me, and bright lights were OK. I saw Dr. Lemmo for two months or more and I feel back to normal now. - Danielle Lenarduzzi

I have a really good life right now. There's no way I would have been here today without functional neurology. No way. - Holly Noble



CONCUSSION

Accelerated and sustained recovery.

The immersive therapies at the Dr. Lemmo Brain Centre help accelerate recovery from both obvious and invisible symptoms of concussions. Through targeting affected areas of the brain with intensive, multi-therapy regimens, we accelerate healing, allowing the patient to recover and resume normal activities quickly.

A concussion can be caused by a fall or a direct impact to the head, as well as by a blow to the head, neck, upper body, or by any force that results in whiplash. Symptoms of a concussive injury include headaches, dizziness, changes in vision, and altered sensitivity to light or sound. These can vary significantly in intensity and duration.

Our goal is to restore and maximize quality of life, minimize the severity of future secondary concussions, and return the patient to peak physical and mental performance.

Our Board Certified Functional Neurologist relies on evidence-based diagnostics to accurately pinpoint the impacted areas of the brain. This information is used to develop a

customized concussion treatment and management program for each patient.

Individualized care plans combine intensive in-office therapies and simple in-home exercises to achieve measurable results in the shortest possible time.

Dr. Lemmo uses Prof. Carrick's proven concussion treatment protocol that has successfully treated professional athletes playing in the MLB, NFL, NBA and NHL. Athletes including Jonathan Toews, Claude Giroux and Sidney Crosby have attributed their recovery to Dr. Carrick's treatments.

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"I feel very blessed that we found Dr. Lemmo, he helped my son become more cognitive and independent. We experienced a lot of recovery towards a positive future that we didn't have before we met Dr. Lemmo." - Rose and Salvatore Cipriano

"If someone is willing to help you and they're as confident and loyal as Dr. Lemmo, listen to them because there's nothing better out there. Dr. Lemmo gave me my life back." - Vicky Winter



TRAUMATIC BRAIN INJURY

Effective, non-invasive treatment.

Dr. Lemmo Brain Centre implements effective new technology-based therapy options for addressing the complicated effects of Traumatic Brain Injuries. Our breakthrough treatments help the brain rebuild critical neural pathways to improve physical and mental function.

The term "Traumatic Brain Injury" (TBI) can be misleading. For most people, the problem is rarely confined to physical effects on the brain. With many symptoms such as diminished movement, partial paralysis, sensitivity to light and noise, decreased ability to concentrate or read, and chronic headaches, a Traumatic Brain Injury can extend to all areas of life.

This often makes day-to-day tasks and

activities difficult and compromises physical ability and performance. This can diminish self-esteem and hope for the future. It has physiological, neurological and psychological components, making it challenging both to diagnose and treat.

Dr. Lemmo Brain Centre's unique and comprehensive approach to TBI has been demonstrated to make a difference.

We perform an in-depth analysis of each patient's symptoms to fully understand the conditions caused by the brain injury, the damage it has caused and the associated problems that need to be addressed

We then develop an immersive and intensive treatment and therapy program customized to the individual needs of the patient. By tackling the root causes of the injury, our approach gives real hope for achieving positive results.

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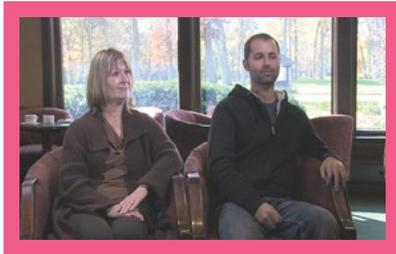


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I would recommend going to Dr. Lemmo and getting this treatment because it's given me hope and it's given me a lot of my life back that I lost. - Justin Merlo



Justin has gone from a vacant look in his eyes to life again within four months to six months of seeing Dr. Lemmo. Justin went from being totally broken to being back to himself for the most part. I didn't know that we'd ever get him back. - Mary Merlo (Justin Merlo's mother)



STROKE

Restoring function and recovery.

Dr. Lemmo Brain Centre's diagnostic technologies, patented leading edge therapies and intensive multi-treatment approach helps post-stroke patients recover lost function. By focusing on stimulating or rerouting neural activity, our approach allows us to help stroke patients achieve an improved quality of life.

A stroke occurs when blood flow to the brain is blocked or interrupted for any reason, causing brain cells to die. This can result in the loss of mental and physical function.

Once the immediate medical cause of a stroke has been addressed, our goal is to help the patient regain as much physical and neurological function as possible.

We perform a functional neurology examination and conduct broad-based, integrated tests in our centre to determine the degree of decline in physical and neurological performance. This diagnosis establishes a basis for secondary testing and evaluations.

We then combine targeted central nervous system stimulation therapies with speech, language and physical

therapies in an effort to activate the brain's inherent ability to rebuild neural connections and restore impaired function.

Because diagnosis and treatment take place in the same centre and with the same care team, the Board Certified Functional Neurologist at the Dr. Lemmo Brain Centre is able to begin treatment without delay. Through intensive, immersive treatment regimens, the care team strives to achieve measurable results every day.

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Dr. Lemmo's treatments are quite remarkable. The world needs to know what Dr. Lemmo can do. It really does, because without drugs he's been able to basically put me back on my feet.
- Michael Somerville



After parading through doctors and neurologists and CAT scans and MRIs and urologists and you name it, finally, the only person who could help him was Dr. Lemmo.
- Valerie Somerville (Michael Somerville's wife)



DEGENERATIVE DISORDERS

Maximizing quality of life.

Our multi-disciplinary approach to alleviating the various symptoms and manifestations of degenerative diseases and disorders is designed to address each patient's specific challenges. Evidence-based diagnostic testing forms the basis of the individualized, immersive therapies that help our patients effectively improve their condition.

Degenerative and age-related disorders, such as Parkinson's disease, can affect the central nervous system causing postural instability, tremors at rest, stiffness and a general slowing of movement. Degenerative disorders can cause a wide range of body function loss, cognitive and behavioral changes including dementia, sleep issues and depression.

At the Dr. Lemmo Brain Centre we use the latest research-backed examinations and in-office diagnostic testing equipment to pinpoint functional and cognitive brain impairments in patients. We then design an individualized care program to address their specific challenges.

We offer an intensive, unique and immersive patient engagement

model that allows us to continuously measure progress and refine treatment regimens.

We help the brain itself restore impaired functions by encouraging targeted activity in affected areas of the brain, building new neural pathways to restore or enhance physical and cognitive function.

Our Board Certified Functional Neurologist brings the latest in therapeutic techniques to maximize the quality of life for patients with degenerative and age-related disorders.

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