



CARRICK INSTITUTE

CLINICAL NEUROSCIENCE AND REHABILITATION™

Carrick Institute
August 11, 2023

Functional Neurology Essentials Tuition Paid In Full - \$2,750.00 USD, approx. \$3,728.02 CAD
Functional Neurology Essentials Tuition Paid In Installments - \$2,832.50 USD, approx.
\$3,880.52 CAD

Program Hours - 50 Total Hours (30 Hours In Person - 20 Online Hours)

Travel Cost - 3 Hotel Nights \$660.00 USD, approx. \$894.73CAD (\$298.24 CAD per night)

Program Information - <https://carrickinstitute.com/programs/functional-neurology-essentials/>

Start Date - September 14, 2023

End Date - September 17, 2023

Presented by: Adam Klotzek, DC, DACNB, FACFN

Bio: [Dr. Adam Klotzek's Bio](#)

Functional Neurology Essentials

What is Functional Neurology Essentials?

Functional Neurology Essentials, formally known as (RBE) is a state-of-the-art program that teaches healthcare practitioners from any discipline the art and science of nervous system optimization. It achieves this by integrating multiple models of brain function with well-established principles in neurophysiology & clinical neuroscience and by delivering that information in an easily understandable and applicable manner.

Who Is Functional Neurology Essentials For?

Functional Neurology Essentials will appeal to any healthcare practitioner wanting a fast and effective way to learn and implement the fundamental principles involved in nervous system optimization & Functional Neurology into their patient care. The program will also appeal to practitioners who appreciate hands-on,

evidence-based clinical training, as one of the program's main components includes a four-day live training session.

Why Learn Functional Neurology?

Our nervous system controls all our bodily functions, actions, and reactions. Many diseases often involve negative changes within the central nervous system that further promote and contribute to the initial illness. It is becoming more evident that many diseases can also originate from dysfunction within the CNS, requiring practitioners to know about these relationships, especially when patients fail to respond to standard treatments.

Leveraging functional neurology to optimize nervous system function refers to the process of stimulating the CNS with the goal of restoring optimal functional connectivity. It relies on two critical elements for its success: the first neurogenesis and the second neuroplasticity. Neurogenesis refers to the creation of new neurons, while neuroplasticity refers to the ability of our nervous system to rewire and optimize itself.

Thus, optimizing one's nervous system creates an environment for maximum healing while simultaneously maximizing the human potential.

The Treatment Approach Taught in Functional Neurology Essentials

Functional Neurology Essentials utilizes a receptor-based treatment paradigm in which practitioners stimulate various receptor systems at specific intensities and patterns to promote nervous system optimization.

Not all sensory input is beneficial in treating neurological dysfunction. Functional Neurology Essentials teaches assessment strategies that allow you to select the most appropriate receptor system, pattern, and intensity. By better understanding how your therapies achieve their results, you will better serve your patient/client population.

The Top Things Functional Neurology Essentials Will Teach You

1. How to observe your patient through a neurological lens.
2. Most current models concerning brain function and their clinical implications
3. How to apply the Brain Hemisphericity/Lateralization model to your current treatment approach
4. Best practices techniques involving intake questionnaires and treatment outcome measurements
5. Neurological Screens Including:
 1. Neuro Visual Screens
 2. Proprioceptive Screens
 3. Somatosensory Screens
 4. Autonomic Screens
 5. Balance Screens
 6. Gait Assessment
6. Examination procedures confirming the anatomical localization of CNS dysfunction
 1. Core physical and neurological exam procedures
 2. Specialtyphysical and neurological exam procedures
7. Treatment applications addressing the anatomical site of CNS dysfunction
8. Applying the ten principles of plasticity to any treatment plan
9. How to implement Functional Neurology into your practice
10. Different management approaches in Functional Neurology. How to decide the best one for you and your patient

What Sets Functional Neurology Essentials Apart from Other Programs?

One of the main elements that sets Functional Neurology Essentials apart from any other programs is the methodology used in its creation. While many programs are created using information solely from textbooks, we started developing Functional Neurology Essentials by doing a job analysis on some of the most successful Functional Neurology practitioners in the world.

The results allowed us to identify three critical criteria used in the writing of the program:

1. Type of patients Functional Neurology practitioners commonly treat.
1. The most common practical clinical assessments and applications utilized by these practitioners.
2. The academic concepts that these doctors felt contributed most to their learning of the material.

This knowledge enabled us to establish the most fundamentally effective examination procedures to help anatomically localize the area of CNS dysfunction and identify the most effective receptor-based therapy to treat it.

We then performed a literature search to construct an extensive library of evidence supporting nearly every concept and procedure taught in this program.

Why Choose the Carrick Institute for Your Educational Needs?

The Carrick Institute has a 45-year history of providing evidence-based clinical education in Clinical Neuroscience and Functional Neurology.

Our dedication to making all we teach as simple and practical as possible promotes lifelong learning and inspires our global alums to continue developing new and exciting clinical applications. We specialize in translating complex information into easily understandable formats. This allows for accelerated learning and the development of novel applications that may be applied in various circumstances spanning the healthcare and athletic performance fields.

Thus, those who desire to learn from leaders in the field and become part of a community that focuses on support and encouragement will find a home at Carrick Institute. We invite you to join our team and learn with us.

Course Structure

- 10 Hours of Pre-course preparation (Flipped Classroom)
- 4-day live onsite/online learning & training
- One day of online, self-paced learning that includes:
 - Course summary highlighting key points.
 - Case videos with discussion
- End-of-program exam in which a passing score is necessary to achieve certification.
- Post-examination faculty advisor consult
 - To discuss weaknesses and strengths as determined by your examination scores.
 - To answer any questions you may have.

Tuition

General Tuition: \$2,750

Your Tuition Upon Achieving Certification Status Includes the following:

1. 50 Neurology Hours (includes 30 hours from 4 days onsite/online training; 10 hours from Flipped Classroom; 10 hours from Day 5 online)
2. All-Access to the digital recording of the class
3. Receive any future updates to the course videos or other materials
4. Re-attendance – Retake the class onsite, via Livestream, or online, self-paced learning as many times as you'd like as an audit. *
5. All access to the flipped classroom material and online videos, including updates. The clinical applications will be organized and updated so you can easily find them, review them, and implement them in practice.
6. A workbook to help you better organize and retain the material taught.
7. Three months of unlimited access to Medline

Equipment List for Functional Neurology Essentials

Textbook: Neurologic Examination An Illustrated Guide to the Neurologic Examination)

<https://a.co/d/eiHrvSD>

Textbook: Gait (Observational Gait Analysis) <https://a.co/d/9w3XfxK>

Welch Allyn Ophthalmoscope: <https://a.co/d/12BUHQ9>

Welch Allyn Stethoscope: <https://a.co/d/eBT4UBX>

Blood Pressure Cuff: <https://a.co/d/8pNmMvd>

Pulse Oximeter: <https://a.co/d/8dfbavJ>

Elite HRV: <https://elitehrv.com/>

US Neurologicals: Reflex Hammers, Pinwheels, Tuning Forks, Optokinetic Tapes, Occluders, Maddox Rods, Brock Strings: <https://usneurologicals.com/>

Galvanic Nerve Stimulator:

1. Digi Galvanic

https://www.allegromedical.com/products/digital-galvanic-stim-high-volt/?msclkid=f5fc6c51575b165b5a040887140a9b88&utm_source=bing&utm_medium=cpc&utm_campaign=AllegroAllProducts Shopping&utm_term=4580428016740259&utm_content=Ad%20group%20%231

2. CS6101 Stimulator: <https://www.csmedsys.com/>

Vagus Nerve Stimulator: <https://www.truvaga.com/>

Insufflation Bulbs:

https://medicalrite.com/products/insufflation_bulb_with_tip?variant=45613787939120&tw_source=bing&tw_campaign=566699797&utm_term=1178678158103654&tw_adid=73667583868263&msclkid=6a493fee301510e5f5c85b38742ace30&utm_source=bing&utm_medium=cpc&utm_campaign=Shopping+Diagnostic+Products&utm_content=Exam+Room+Diagnostics

C3-Logix: <http://www.c3logix.com/>

Eyelight: <https://eyelights.com/>

Focus Builder App: <https://www.neurdsolutions.com/>