

Basics of Functional Neurology Introductory Module

Dr Nicole Oliver

DC, MChiro, BSc (Hons), PgDip (MSK Neuroscience)

&

Dr Karl Stålaker

DC, MChiro, MSc (MSK Neuroscience)

Saturday October 28 & Sunday October 29, 2023

Approved 12 hours Continuing Education Credits

FTCL, 3250 Lyss, Switzerland



Course Instructors



Dr Nicole Oliver

Nicole graduated from the Anglo-European College of Chiropractic (AECC) in 2005 and began studying functional neurology in 2006. She gained the Diplomate of the American Chiropractic Neurology Board (DACNB) qualification four years later. Alongside clinical practice she lectures for Neuroseminars, teaching functional neurology to chiropractors, osteopaths, physiotherapists and other health care professionals in the UK and Europe. Nicole has presented at several conferences and conventions, including the 2014 & 2016 European Chiropractors Union (ECU) Conventions, the 2019 World Federation of Chiropractic (WFC) Congress, and at the annual or biannual conferences/ meetings of the Swiss, German, Norwegian, Belgian, Finnish, Swedish, Irish and Scottish national associations.



Dr Karl Stålaker

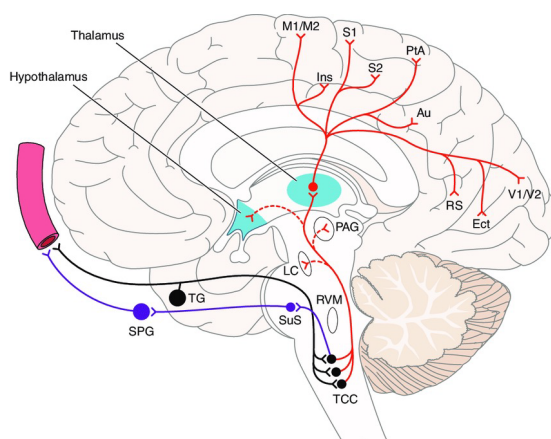
Karl graduated from Macquarie University, Sydney in 2006. He practiced as a chiropractor in Spain for several years before returning home to Norway in 2010. During his time at university, he developed a special interest in jaw problems, balance disorders, vertigo, headaches and chronic pain, which he has pursued in his postgraduate studies. He has completed his Masters of Musculoskeletal Neuroscience, with the focus of his studies on chronic pain and central sensitisation. Karl has taught several workshops for the Norwegian Chiropractic Association's Regional New Graduate Development Programme. He has also presented at the Swedish Chiropractic Association's 2019 Autumn Conference on the subject of TMJ influences on the vestibular system, and at the 2023 Forum on Manual Medicine (FoMM) on the subject of nociplastic pain.

Introductory Module: Basics of Functional Neurology

Description

The clinical benefit associated with manual therapy is not simply related to restoring movement to restricted joints and normalising local muscle tone through segmental reflex effects. A major therapeutic role is attributed to activation of the central nervous system (CNS) – in recent years the literature is saying this more and more. It is thought that many chronic or treatment-resistant musculoskeletal conditions are perpetuated by ongoing neurological dysfunctions or maladaptive post-injury changes in the CNS. It has also been suggested that a neurorehabilitative approach is what is needed to more successfully manage such chronic musculoskeletal conditions.

This seminar aims to teach you the basics of functional neurology in a simple and easy-to-understand way. It will provide you with fundamental knowledge of nervous system structure and function, as well as teaching examination techniques related to the cerebellum, cranial nerves and eye movements. You will also learn the basic principles of neuro-rehabilitation. The seminar will be interactive with numerous practical sessions to develop your newly learnt skills and emphasize the clinical application of the material taught.



Overview

- How and why neurological dysfunction can occur.
- The different motor tracts and their clinical importance.
- Functional roles of the sensory tracts.
- Cerebral cortex – overview of the parietal & frontal lobes.
- Ocular examination – pursuits & saccades.
- Cranial nerves and their correlation to functional impairments in the brainstem; and how to examine for these deficits.
- Cerebellum: its function in motor control, motor adaptation, postural stabilisation and injury prevention.
- Cerebellar testing & introduction to neuro-rehabilitation.
- Introduction to pain: the concept of pain in the absence of tissue damage, mechanical allodynia and central pain modulation.

Practical Information



Location

Lyss Forestry Training Center (FTCL)
 Hardernstrasse 20
 3250 Lyss
<https://www.bzwlyss.ch>

Mail: info@bzwlyss.ch
 Phone: +41 32 387 49 11

Pricing

<u>Seminar</u>		<u>Room price (per person)</u>		<u>Food price</u>	
DC :	450.-	Single	98.-	Saturday lunch	19.-
Assistant	250.-	Double	73.-	Saturday dinner	16.-
Student	150.-	Triple	63.-	Sunday breakfast	15.-

Programme

Saturday October 28

09.00-13.00 *Lecture*
13.15-14.30 *Lunch*
14.30-18.30 *Lecture*
19.00 *Dinner*

Sunday October 29

08.00 *Breakfast*
09.00-13.00 *Lecture*

[Book your place](#)

For accommodation and food, directly contact the hotel.

