

“I know that the normal brain lives, thinks, and moves within its own specific membranous articular mechanism”

Sutherland WG, The Cranial Bowl, Free Press, First Edition, 1939, reprint 1994, pp 51.

This is an advanced class that uses a slightly different paradigm by working extensively with the brain parenchyma and nuclei rather than cranial bones and membranes as in other Cranial Academy courses.

It trains practitioners to address very specific structures and physiology of the brain and spinal cord. The body often aligns itself around these precise structures and they are frequently unaddressed key/primary tissue restrictions. This work requires well developed perceptual skills to address tissue microstructures, and we will have specific exercises in the class to help build up these skills.

This approach will help most of your patients, and it will specifically help any brain and spinal related pathologies including closed head injury, whiplash, headaches, dyslexia, cerebral palsy, cognitive behavioral dysfunctions, learning disabilities, ADD/ADHD, post-meningitis syndrome, post-polio syndromes, birth difficulties or trauma, feeding difficulties, etc.

We will show techniques for the whole ventricular fluid system, the brain parenchyma; we will also discuss the major components (nuclei) of the brain and learn different techniques to help release them, including: corpus callosum, fornix, thalamus, putamen, globus pallidus, caudate nucleus, amygdaloid bodies, hippocampus, mamillary bodies, red nucleus, substantia nigra, pituitary, hypothalamus, cerebellum and associated nuclei.

There will be a 1:6 table trainer to student ratio.

The Inherent Motility of the Brain and Spinal Cord
Part 1: Brain Parenchyma, Nuclei and Fluid

Bruno Chikly MD, DO
Charles Beck DO

EDUCATIONAL CREDIT:

24.5 hours of Category 1-A AOA CME (anticipated)

WORKSHOP SCHEDULE:

DAYS 1–2 8:30am to 6:00pm
 DAY 3 8:30am to 5:00pm

OBJECTIVES: Participants will be able to:

- Work with the autonomic nervous system and alleviate the physical symptoms of head and neck trauma / sympathetic hyperactivation at the beginning of the treatment
- Release lesions of the brain ventricular system and central canal of the spinal cord
- Safely release nuclei creating somatic lesion in the body
- Release mechanical lesions in the brain parenchyma and spinal cord

Day 1

8:30 - 10:30am Introduction. Somatic trauma: Theory, anatomy/physiology. Hypersympathetic arousal and “freeze state.”

10:30 - 10:45am Small Group Discussion

10:45 - 12:30pm Treatment of physical trauma: Autonomic nervous system/ cellular fear. Manual skills: Microanatomy/ Microphysiology

12:30 - 1:30pm Lunch

1:30 - 3:30pm Brain ventricles and central canal of the spinal cord: lateral, 3rd and 4th ventricles. Intra and extraventricular lesions

3:30 - 3:45pm Small Group Discussion

3:45 - 6:00 pm Brain structures and physiology: “soft release”

A - Corpus callosum, fornix, septum pellucidum

Day 2

8:30 - 11:00am Questions and answers Brain structures and physiology: “soft release”

B - Caudate nucleus, globus pallidus, putamen, nucleus accumbens, claustrum

11:00 - 11:15am Small Group Discussion

11:15 - 12:30pm Brain structures and physiology: “soft release”

C - Thalamus, hippocampus, amygdala

12:30 - 1:30pm Lunch

1:30- 3:30pm Brain structures and physiology: “soft release”

D - Anterior: hypothalamus, pituitary

3:30 - 3:45pm Small Group Discussion

3:45 - 6:00pm Brain structures and physiology: “soft release”

E - Substantia nigra, red nucleus

Day 3

8:30 - 10:30am Questions and answers

Brain structures and physiology: "soft release"

F - Cerebellum, intra, inter and cerebro-cerebellar lesions. Cerebellar nuclei

Centrifugal/centripetal rhythm, a universal rhythm. Application to the brain

Release of the brain fibers attachment: dura, arachnoid anterior aspect

10:30 - 10:45am Small Group Discussion

10:45 - 12:30pm Release of the brain parenchyma: posterior aspect

12:30 - 1:30pm Lunch

1:30 - 5:00pm Release of the spinal cord

Faculty:

Bruno Chikly, MD, DO
Course Director
Charles Beck

Register online at:
www.cranialacademy.org

From Paul Lee, DO FAAO:

"I attended a CME program that I consider to be one of the top few educational experiences of my 30 years as an osteopathic physician. This program "Brain, Parenchyma, Nuclei and Fluid taught by Bruno Chikly, MD, DO was offered by The Cranial Academy and the AZCOM-OMM Department."

From Paul E. Dart MD FCA:

An invaluable contribution . . ."

Registration Form

The Inherent Motility of the Brain and Spinal Cord
Part 1: Brain Parenchyma, Nuclei and Fluid

Prerequisite: Successful completion of a Cranial Academy approved 40-hour Introductory Course in Osteopathy in the Cranial Field.

Registration fee includes 24.5 hours Category 1-A AOA CME (anticipated) *Circle appropriate fees*

CA Member \$725.00 (on or before Sept. 30, 2010)
CA Member \$775.00 (on or after Oct. 1, 2010)
Non-member \$825.00 (on or before Sept. 30, 2010)
Non-member \$875.00 (on or after Oct. 1, 2010)

Name (Print) _____

Address _____

City, State, Zip _____

Phone _____ Email _____

Medical School _____

Year _____ AOA # _____

MC/VISA# _____

Exp. Date _____

Signature _____

Paid by: Check # _____

All cancellations must be received in writing and are subject to an administrative fee of 15% of the total registration fee if received on or before October 15, 2010. Refunds will not be made for cancellations received after October 16, 2010, or for failure to attend. Meal tickets included with the registration fee are not refundable. There is no discount for persons not wishing to attend food functions. No personal taping is permitted. It is the responsibility of ALL participants to use the information provided within the scope of their professional license.

The Inherent Motility of the Brain and Spinal Cord



**Philadelphia College of
Osteopathic Medicine
Philadelphia, Pennsylvania**

November 5-7, 2010

Bruno Chikly MD DO
Course Director



Component Society of the American Academy of Osteopathy

8202 Clearvista Pkwy., #9-D
Indianapolis, IN 46256
(317) 594-0411
info@cranialacademy.org
www.cranialacademy.org