

Barral Ireland
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Class location : Talbot Hotel Stillorgan

NEURAL MANIPULATION: NEUROMENINGEAL MANIPULATION; AN INTEGRATIVE APPROACH TO (Mechanical) TRAUMA (NM1)

CPD: 18 hrs

WORKSHOP SCHEDULE: 9:00 a.m. to 5:00 p.m.

The introductory level workshop includes lecture, demonstration and practice for each technique presented.

COURSE PARTICIPANTS: Licensed or certified healthcare professionals or students, including Massage Therapists, Physical Therapists, Occupational Therapists, Naturopaths, Athletic Trainers, Chiropractors, Osteopaths, Acupuncturists, Nurses, and other allied healthcare professionals.

LEARNER OBJECTIVES:

- ! The participant will understand and be able to functionally apply the three primary areas of trauma as they relate to whiplash: physical laws, evaluation and treatment.
- ! The participant will learn the appropriate anatomy and physiology for the treatment of whiplash, as well as other trauma conditions.
- ! The participant will be able to locate and release soft tissue restrictions along the meningeal system.
- ! The participant will learn about the types of stress during a trauma – traction, compression and shearing – and how they relate to deformation of the tissues in the body.
- ! The participant will examine indications for Brachial Plexus manipulation, indications for manipulation of Lumbar Plexus and indications for manipulation of Sciatic Plexus.
- ! The participant will learn an evaluation protocol that will guide them to the areas of primary restrictions, as well as fascial mobilization techniques to release the restrictions.

Day One (Times are approximate and are subject to alteration)

9:00 – 12:00 15-minute break mid-way through

Overview of the 3 days, defining big picture and how we gain equilibrium of the CNS by regaining elasticity of tentorium, dura, and neural contents themselves combined with restoring the “float” of the NS within CSF.

- ! Intro lecture: Mechanics of trauma with focus on applications to trauma
- ! Lab: Listening from Cranial Vertex- define 3 parameters and level
- ! Lab: Listening from vertex - define type of “stop”
- ! Lab: Induction from vertex in synch with Expansion phase
- ! Lab: Assessing Witnesses for osseous, sutural, membranous restrictions
- ! Lab: Treatment of Witnesses with Induction

12:00 - 1:30 Lunch

1:30 – 5:00 15-minute break mid-way through

- ! Lecture: Cranio-facial sutural membrane-include visceral relationships to thorax
- ! Lab: Assess and treat cranio-facial sutural membrane
- ! Lab: Assess and treat anterior aspect of cranio-facial sutural membrane specifically Frontal nasal juncture to a specific aspect of the maxilla

Day Two

9:00 – 12:00 15-minute break mid-way through

- ! Lecture: Movement of Nervous system within container and transmission of forces along PCT
- ! Lab: Listening to dura through RCPM - define 3 parameters. If caudad, do mobility test of dura during expansion phase to validate listening findings
- ! Lab: Treatment of Spinal dura from Cranio-spinal juncture going distal as far as T8/T9 Lecture: Clinical decision making based on Listening from Vertex
- ! Lecture: Anatomy of Tentorium, and assessment to determine if involved and which side using 6 tests

12:00 - 1:30 Lunch

1:30 – 5:00 15-minute break mid-way through

- ! Lab: assessing tentorium elasticity - define side to treat Lecture: Treatment of tentorium
- ! Lab: Treatment of tentorium Lecture: Whiplash mechanics and patterns of restriction, pelvic restrictions and pelvic ligaments related to spinal dura, assessment of pelvis
- ! Lab: Assessment and treatment of pelvic findings

Day Three

9:00 – 12:00 15-minute break mid-way through

- ! Lecture: Dura mater relationship to peripheral nerves overview from day 2 lecture
- ! Lecture: Brachial Plexus
- ! Lab 1: Finding, assessing Brachial Plexus
- ! Lab 2: Finding and assessing posterior branch of Brachial plexus and relate to anterior branch, Treatment of Brachial Plexus Lecture: Femoral Nerve/ Lumbar Plexus, assessing Femoral Nerve
- ! Lab: Assessment and treatment of Femoral Nerve

12:00 - 1:30 Lunch

1:30 – 5:00 15-minute break mid-way through

- ! Lecture: Sacral Plexus/ Sciatic Nerve anatomy, assessment and treatment
- ! Lab: Assessment and treatment of Sciatic Nerve Lecture: Spinal dural anatomy, assessment and treatment

- ! Lab: Options of treating spinal dura supine and prone.
- ! Closing lecture of integration of NM1 approach with VM
- ! Closing lecture summary of NM approach