



Manual Neurotherapy Module 4.

Clinical reasoning and neurogenic assessment.

Objectives and contents.

MNT and NR are based on 2 main principles: the phenomenon of pain and the way pain is transported and modulated by the nervous system. This is the science based part of MNT and NR. It is the task of the MNT-NR therapists to understand which parts of the nervous system are involved in the patients pain. This leads to a comprehensive treatment schema. Assessment of pain and the nervous system is necessary for a evidence based practice. Both pain and the nervous system can be assessed by simple methods. For pain we have the famous Visual Analogue Scale and questionnaires like the Mc Gill pain questionnaire. For the nervous system we can easily assess the sensory behaviour of peripheral nerves, spinal cord and brainstem by brushing and pricking skin zones. Other assessment methods are: history taking, motor function assessment and nerve mobility assessment.

After finishing these seminars the MNT-NR therapist is capable to fully understand and to assess the pain of he patients. The clinical reasoning and handling model will give him/her the opportunity to act and to treat on a evidence based practice.

Theory.

1. Physiology of peripheral pain.
2. Physiology of central pain.
3. Physiology of sympathetic pain.
4. Physiology of peripheral nerve mobility.

Practice.

1. Assessment of pain.
2. Assessment of locomotor function.
3. Assessment of peripheral nerves.
4. Assessment of spinal cord.
5. Assessment of the brainstem.
6. Assessment of peripheral nerve mobility.
7. Clinical reasoning and handling.