The Neurophysiology of the Vertebral Subluxation

Why do we get subluxations and what are the neurophysiological consequences to spinal injury?

This class covers what a chiropractic subluxation is according to the latest basic science research evidence. We will also explain the consequences of spinal injury and how this affects the brain and spinal function.

BASIC SCIENCE LEVEL 2 - CLASS 3

LESSON CONTENT

Every lesson has a practice quiz. At at the end of the lessons there is a final quiz and if you pass the final quiz, you will receive a certificate of completion.

1. Vitalism and The Rubicon Group subluxation model

- This lesson will discuss vitalism, the Rubicon Group Definition of the chiropractic Subluxation, and the importance of the small deep paraspinal muscles.

2. What stress does to the deep small paraspinal muscles

- Figth and flight affects on paraspinal muscles.
- Rat spinal fixation studies.
- Spinal injury studies and what happens to the multifidi muscles as a consequence over time.

3. The importance of spinal muscle proprioceptive input

- Spinal proprioception driving the long-term brain changes found in people with chronic spinal pain.
- The role of neuroplasticity in all chornic musculoskeletal disorders.

4. How spinal dysfunction affects your brain

- Subclinical pain vs healthy people and how their brains differ.

SUBJECT TAGS

vitalism; subluxation; vertebral; paraspinal muscles, spinal fixation; multifidi, spinal injury; fight and flight; stress; neuroplsticity; chronic musckuloskeletal disorders; structural pathology model; neuroplasticity model, SCP; SCNP.

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