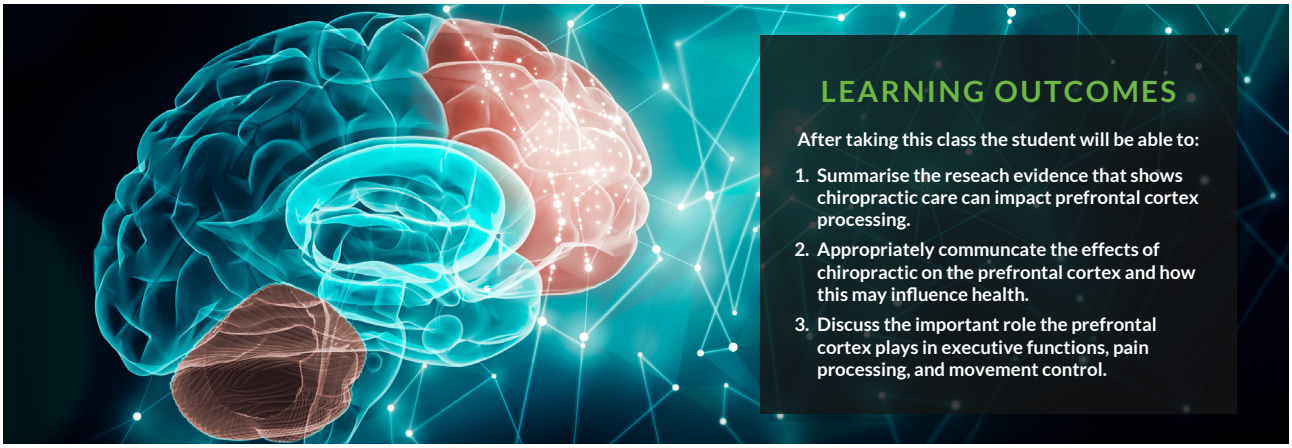
Chiropractic care influences the prefrontal cortex

This class will cover the science about how the chiropractic adjustment has been shown to impact the processing of the prefrontal cortex in the brain. You will learn about how this reaseach was conducted and what it means. Discover the important role of the prefrontal cortex in executive functions, pain processsing and movement control.

The fact that science is showing that chiropractic adjustments impact processing in the prefrontal cortex has major implications for how we may be impacting our patient's health. This research literally is the Chiropractors Dream, because the prefrontal cortex is vital for one's intelligence, movement control, pain processing, mental health and immune system.



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. Prefrontal Cortex and Stress Module 1

- This module covers what thousands of Americans report they feel chiropractic care has done for them.
- It also covers the known adverse long term effects that traumatic experiences have for children.
- And it covers an introduction about the prefrontal cortex and what it does.

2. Prefrontal Cortex and Stress Module 2

- This module covers what somatosensory evoked potentials are.
- It also covers what the various SEP peaks represent.
- And it also covers what happens to these early somatosensory evoked potentials after chiropractic adjustments.

3. Prefrontal Cortex and Stress Module 3

- This module covers the meaning of the somatosensory evoked potential studies, as it examines other studies that have looked at improved proprioception in the elbow and ankle following chiropractic care.
- This module also covers the studies performed to overcome the problem of needing to move scalp electrodes to record what happens in the brain over several weeks, known as the Dual SEPs studies.

4. Prefrontal Cortex and Stress Module 4

- This module covers a study that was conducted in Denmark that explored where in the brain that changes occur after chiropractic adjustments.
- This module also covers how to communicate this information with the public.
- And it covers what is important about prefrontal cortex function.

5. Prefrontal Cortex and Stress Module 5

- This module covers what sensorimotor integration is.
- It also covers how scientists in the literature are calling for a neuroplasticity model for understanding and treating chronic musculoskeletal conditions.
- And it introduces the maladaptive neuroplastic changes that occur in the brain's of people with chronic pain.

SUBJECT TAGS

chiropractic benefits,
childhood trauma,
prefrontal cortex,
muscle spindle,
stretch receptors,
subclinical pain,
prefrontal cortex,
brain source localization,
sensorimotor integration,
neuroplasticity,
structural pathology,
chronic pain,
musculoskeletal pain.

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