



Introduction to the Neuroplasticity Model

This class covers the major changes in neuroscience over the past 20 years. It highlights the differences between basic science and clinical science, and why both types of research are important. This class also reiterates what patient-focused, evidence-informed chiropractic care is and then focuses on Neuroplasticity.

This class ends with looking at what role neuroplasticity plays in evidence-informed chiropractic care, with a look at the Rubicon Model of the Subluxation, and the model used in research publications, and how to communicate this contemporary model of the subluxation and the neurophysiological mechanisms of the chiropractic adjustments.

BASIC SCIENCE LEVEL 2 - CLASS 1



LEARNING OUTCOMES

After taking this class the student will be able to:

1. Compare and contrast basic science research and clinical research
2. Summarise the components of patient-focused evidence-informed chiropractic care.
3. Summarise key aspects of neuroplasticity
4. Summarise the key aspects of the contemporary model of the subluxation and mechanisms of the chiropractic adjustment

LESSON CONTENT

Every lesson has a practice quiz. 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. Major changes in neuroscience over 20 years

- Major changes in neuroscience in the past 20 years.
- Basic science vs clinical science. Components of patient-focused, evidence-informed chiropractic care.
- When interacting with a patient, what basic science and clinical science components you need to discuss as part of the 'research' pillar.

2. Basic science vs Clinical science

- Why both basic science and clinical science are important in clinical practice.
- The cost of clinic-first approach to care. The benefits of understanding mechanisms as part of clinical care.

3. Neuroplasticity

- Introduction to neuroplasticity.
- Definitions of neuroplasticity.
- The ways the nervous system can change.

4. The Rubicon Model of the Subluxation

- The Rubicon Group Model of Subluxation.
- Why this model was created.
- Who participated in its creation.

5. How to communicate the science of chiropractic

- How to communicate the contemporary model of the subluxation and mechanisms of the HVLA adjustment to patients and other health care providers.
- Examples of how to communicate this material with the public and where to get more information.

SUBJECT TAGS

major changes in neuroscience, patient-focused evidence-informed chiropractic care, basic science, clinical science, patient-focused evidence-informed chiropractic care, neuroplasticity, neuroplasticity model, communication.

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