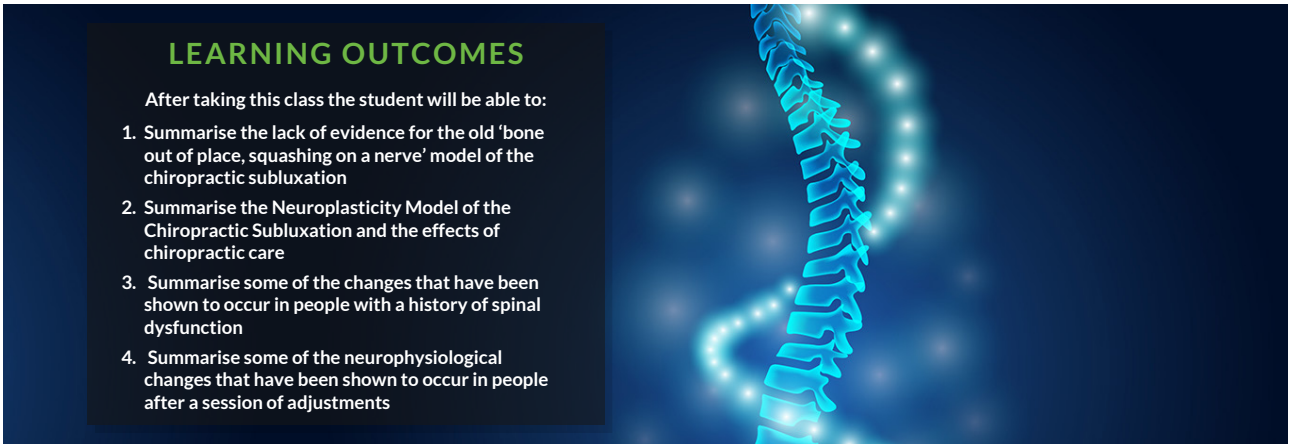
Two Models of the Vertebral Subluxation

This class called the 'Neurophysiology of the Chiropractic Subluxation' covers the latest basic science research evidence that been done over the past two decades that has looked at what a vertebral subluxation is.

It also looks at what evidence we have for one of the old theories about the chiropractic subluxation (the squashed nerve theory). And it covers how the latest science can easily be communicated with the public. The new science is showing us that the subluxation is almost as DD Palmer originally described it, just with a subtle new twist.

BASIC SCIENCE LEVEL 2 - CLASS 2



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. The old classic models of subluxation

- Brief overview over the MOPI (squashed nerve root) model.
- Cover studies that have shown that increasing pressure on a nerve root in animal models shows it takes more pressure to interfere with neural transmission than it does to cause radiating symptoms for these animals.
- Interpreting the meaning of this for chiropractors.

2. The new neuroplasticity model of subluxation

- Introduction to the neuroplasticity model of the subluxation.
- Introduction to the neuroplasticity model of chiropractic care.
- A brief overview about what neuroscientists currently know regarding how the brain controls the spine in a healthy situation.

3. What is good spinal function?

- How spinal function and dysfunction is not black and white.
- The 50 shades of grey of spinal dysfunction.
- Brief introduction to muscle spindle physiology.
- The sensory role of deep paraspinal muscles and how stress turns these muscles off.

4. What is subclinical pain?

- Introduction to subclinical pain (SCP) and its definition.
- Why many of the basic science chiropractic studies have been done in this population.
- Brief look at some of the SCP vs healthy research studies that have been done (will be covered in greater detail in another class).
- Introduction to the neuroplastic effects of adjustment.

5. How to communicate the science of chiropractic

- Introduction to communicating the information from this class to patients and other health care providers.
- Examples of how to communicate this material with the public and where to get more information.
- We are in a brain era.

SUBJECT TAGS

bone on nerve, MOPI, squashed nerve, neuroplasticity model, paraspinal muscles sensory; spinal function; muscle spindle, subclinical pain vs healthy; neurophysiology effects of the adjustment, communicating.

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