Abstract:

This Bachelor thesis will compare the examination process and kinesiological analysis of two patients diagnosed with root syndrome of the lower limbs using the MFK method. I will examine whether the results in the MFK system confirm the kinesiology analysis, and whether using the MFK physiotherapy method on symptoms associated with root syndrome of the lower extremities can have a positive effect.

MFK method is relatively new in the field of physiotherapy. I would therefore like to examine the above mentioned neurological diagnosis to see whether the myokinetic activation examinations with visualization of the motor system as used by the MFK method provides benefits to examination methods used in physiotherapy.

Root syndrome is a disease based on structural damage to the spine, spinal canal or intervertebral discs, accompanied by functional subjective and objective manifestations. I have narrowed the selection of subjects to include patients with root syndrome caused by prolapsed intervertebral discs.

Pain is the primary symptom, but root syndrome is accompanied by other sensory and motor symptoms. The patient’s subjective symptoms significantly quality of life, and so will be an important indicator of the effectiveness of the applied methods.