

## **Abstrakt bakalářské práce v AJ**

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**Title:** Overview of physiotherapeutic approaches in influencing fascia

### **Abstract:**

In the theoretical part of the thesis is first described the fascia including: definition, embryology, histology, pathology and its connection with the management of postural stability. Physiotherapeutic approaches used to influence fascias are presented and briefly described. The practical part of the thesis deals with the influence of postural stability in three patients with central hemiparesis after the therapeutic influence of the fascial system by the Fascial Manipulation® method. For objective evaluation of the effect of therapy on postural stability, I used the Physiosensing platform from ©Sensing Future Technologies. As an additional monitored parameter, I chose the active range of motion (hereinafter referred to as aROM). Out of three patients, two experienced short-term improvements in the postural stability and aROM parameters while the third experienced long-term improvements.

**Keywords:** fascia, physical therapy, fascial manipulation, postural stability, central hemiparesis