

ABSTRACT

Name: Case study of a patient after polytrauma, after lumbar spine surgery and with vertebral algic syndrome of cervical spine

The objective of this bachelor thesis is to acquire knowledge concerning the issue of scars and their treatment considering it both theoretically and practically and to present a case study which records a particular experience from physiotherapeutic process.

The theoretical part discusses scar formation, refers to various types of pathological scars, and it describes the active scar and its influence on locomotory system. Subsequently, the subjects of scar examination, scar treatment along with options of medical and physiotherapeutic therapies are specified.

The practical part of the thesis presents a case study of a patient after polytrauma, after lumbar spine surgery and with vertebral algic syndrome of cervical spine. The study draws upon various sources of information used in the theoretical chapter as well as upon qualification obtained in the bachelor study programme of physiotherapy at FTVS UK. Initial examination was carried out and therapy goals were set based on which physiotherapeutic methods focusing on acute and long-term troubles were applied. No invasive methods or techniques were used. On therapy termination, the final kinesiological analysis and evaluation of the therapy effects were processed.

Key words: healing process, scar, active scar, examination and therapy of scars, physiotherapy.