Abstract

**Title of Bachelor’s thesis:** Case study of physiotherapy treatment of a patient with a diagnose rehabilitation of a patient after lumbar spine surgery

**Summary:** A purpose of this thesis is to describe an intervertebral disc herniation of the lumbar spine and its surgery treatment with afterward rehabilitation. A theoretical part of the thesis contains anatomy and kinesiology of the lumbar spine. Furthermore there is an etiology of intervertebral disc herniation, clinical symptoms, an assessment approach and treatment options. A significant part is given to a rehabilitation after the disc herniation surgery. A special part contains a case study of physiotherapy treatment of a patient after a lumbar spine surgery due to the intervertebral disc herniation.

**Keywords:** intervertebral disc herniation, lumbar spine, disc herniation surgery, rehabilitation