

This thesis focuses on problems of physiotherapy procedures after a surgery of intervertebral disc in the meaning of intensity, timing and therapeutic procedures. In the general part it gives comprehensive overview about functional anatomy, kinesiology, biomechanics of the spine and about the function of intervertebral disk. It also deals with methods of investigation and surgical interventions.

In the special part, the thesis focuses on the most appropriate choice of timing, intensity and mainly on special methods which are the most commonly used in patients after surgery of intervertebral disc. It gives the basic characteristics of each special methods in relation to patients after surgery of intervertebral disc.

The practical part of this thesis includes patient case report after surgery of intervertebral disc which describes the examination before neurosurgical intervention, surgery, hospitalization and outpatient rehabilitation.