

This bachelor thesis deals with ischemic stroke. It has two parts. General part consists of anatomy and physiology of brain vessels and risk factors of stroke. Continues with theory concerning ischemic stroke, its pathogenesis, pathophysiology, clinical symptoms, classification, diagnostics and treatment. Mentioned is also hemorrhagic stroke and subarachnoid hemorrhage . The end of this part contains neurorehabilitation.

Special is aimed on a case study of a patient with diagnosis of ischemic stroke. Consists of complex kinesiology examination, process of therapy and overall evaluation. This part was based on clinical practice in Oblastní nemocnice Kladno, in term from 6.1. till 31.1. 2014.