

Stroke and cerebrovascular disease are already amongst the top ten causes of death in childhood and are probably increasing in prevalence. This work summarizes available knowledge about development, etiology and prevalence of strokes in childhood, it deals with risk factors, describes disorders associated with ischaemic or haemorrhagic stroke, and focuses on clinical presentation and the differences in the presentation of stroke in adults. The work shortly describes the most common approaches of management in acute strokes. More than a half of the children have residual motor, cognitive or sensitive deficit, so this work is concerned with possibilities of therapeutic rehabilitation, especially with various methods of physiotherapy usable to treat this disease. The thesis is supplemented by three case reports, which show the variability of stroke causes and describe individual course of physiotherapy. The case reports include simple questionnaires about the quality of life.