

## Abstrakt v anglickém jazyce

This thesis strives to find relationship between human posture and the origin and progression of coxarthrosis. The main idea is built on the fact that the degenerative joint disease often arises on the basis of the chronic overload in the functional decentered position. The theoretical section is focused on trunk and hip muscles coordination that is defined in the ontogenesis. Moreover, the information about joint loading and stabilization is mentioned. The practical part consists of two case studies, which are observing subjective and objective changes after therapy. There are no local techniques in this therapy.