

The aim of the work is to describe the somatosensory system function development in the context of postural- locomotion function in preschool age and to describe the possible assessment of this function in preschool children, on the basis of research. The theoretical chapters deal with the development of the somatosensory system and the postural- locomotion system, also with the physical development of the preschool child. The practical part presents the outcomes of the research, namely how the development and usage of somatosensory signals by central nervous system is influenced by growth of the preschool child's organism. Lastly, the work presents the possibilities how to assess the preschool child's somatosensory system in common physiotherapeutic practice. A preschool child's case report is included.