ABSTRACT

This thesis focuses on the problematics of examination of visual perception in children with visual impairment. There are three parts to this thesis. The first part is dedicated to visual perception. It starts by describing the physiological development of eyesight and the examinations of it in childhood. It is followed by a description of visual functions and functional vision assessment. It also deals with individual parts of visual perception and the support of their development. The second part describes the In-Sight test in detail, including the instructions to its use. The third part introduces the research: the diagnostics of visual perception in children with sight impairment through In-Sight test. Its core method is a foreign standardised In-Sight test. This test is used to evaluate visual operations in children with visual impairment and to perform a screening of theirs higher visual abilities in relation to the process of education. The aim of this thesis is to describe the usefulness of this test in this target group. The research also attempted to find new ways to use the test. An observation was made as to which areas the children found most difficult and which they found non-problematic, what actions can be taken to support them based on the results and whether it is feasible to provide therapy based on the results of the test. The conclusion of this thesis states the results of the research and offers possible further uses of the In-Sight test. It specifically deals with adapting the support measures included in educating specific children with sight impairment.