

The presented work concentrates on the topic of special education and rehabilitation of weak-sighted and low-vision adults. It focuses especially on development and current structure of special aid and support, which makes increasing functional visual capacity easier in situations where visual abilities deteriorated during adult age or old age. After comparing situations in other European countries, this work goes on to point out needs and possibilities for future development of this area in the Czech Republic. Concrete attention is focused on one area of comprehensive sight re-education: the development of functional visual performance with use of special optical aids and other means, whose optimal operation is achieved by means of amended educational and rehabilitation programme. The core of the thesis is the topic of increasing reading competence and reading performance.

The aim of the research part of the thesis is to contribute to the existing knowledge about creating and optimizing educational-rehabilitation programme using modern tyflopedic rehabilitation and tyfletechnical means. The structure of the program is tied with modern conceptions used in andragogics as well as in mentioned subjects. The presented research also has an evaluating function. Effectiveness of the experimental programme is proved by empirical results. From methodological point of view this is an example of mixed research realized on combination qualitative and quantitative methods. In terms of empirical data the thesis answers a number of questions concerning functional impact of sight re-education on increasing of functional visual performance of weak-sighted and low-vision adults.