

ABSTRACT

This diploma thesis presents an analysis of speech impairments accompanying Parkinson's disease. This paper is divided into two sections – theoretical and practical. The first section gives a brief overview of available Czech and foreign literature and articles about this neurodegenerative disease. The section examines the questions of its aetiology, symptomatology, diagnostics and treatment. There can be found also a description of speech impairment connected with this disease, which is mainly hypokinetic and hyperkinetic dysarthria and dysphagia. It also deals with the problem of other limitations in communication such as facial bradykinesia or speech intelligibility. In the last chapter of theoretical part is described speech therapy and intervention with the emphasis on therapy, diagnostics and the effects of pharmacology an non-pharmacological treatment such as deep brain stimulation on speech performance in Parkinson's disease.

The research part analyses speech impairment of people with Parkinson's disease. The aim of this diploma thesis was examination of this speech impairment using the Test 3F: Dysarthria profile and patient's own perception of this specific speech disorder. In this paper are presented eight case studies focusing on speech of clients with Parkinson's disease. The results were conducted by semi- structured and structured interviews, my own observations and the method of testing. The investigation started in January 2017 and was finished in April 2018. The results highlighted that particular clients with Parkinson's disease have shown significant impairment in their communication and above all, this diploma thesis demonstrated that speech and language disorders associated with Parkinson's disease have a huge impact on patient's quality of life