

## **SUMMARY**

### **TITLE**

Alternative rehabilitation methods in therapy of Parkinson's disease

### **OBJECTIVE**

The aim of work is to assemble new findings relating the rehabilitation of people with Parkinson disease. Furthermore to elaborate these information in form of literature search to allow their use in common practice.

### **METHODS**

Up till now there were accomplished many studies which dealt with less common ways of therapy, but didn't find use in common practice. In this work these studies will be presented (in form of literature search). This work will be divided into two parts, where the first will sum up the issue of Parkinson's disease and the second part will deal with the alternative methods. Into this part studies detecting effects of dance therapy, tai-chi, qigong, treadmill training and box on symptoms of Parkinson's disease were chosen. Besides that, in discussion I plan on mentioning conventional therapy (rehabilitation) in Parkinson's disease as well as some guidelines written up in the Czech Republic.

### **KEY WORDS**

Parkinson's disease, rehabilitation, physiotherapy, dance, therapy, tai chi, taiji, treadmill, gait