

**Abstract:**

This thesis deals to occupational therapy intervention for children with Rett syndrome. The aim of this bachelor thesis is to describe Rett syndrome and summary of occupational therapy interventions for girls with this disease. The thesis is divided into two parts. One is theoretical and the other is practical. The theoretical part describes the characteristics of Rett syndrome, its diagnosis, symptoms and 5 stages of the syndrome. The theoretical part describes the methods by which is possible to work with girls with Rett syndrome through the occupational therapy. The practical part contains two case studies of girls with this diagnosis. Elements of this theoretical methods and their interpretation were used in medical treatment of this girls. Practical knowledges show us that individual approach is important for the patient and so it is necessary to use individually determined treatment plan.

**Key words:**

Occupational therapy, Rett syndrome, apraxia, compensation aids, girls, psychomotor evolution