

## **BACHELOR THESIS ABSTRACT**

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**Title:** Use of Occupational Therapy in Children with Williams Syndrome up to 15 years

### **Abstract:**

Williams syndrome also known as Williams-Beuren syndrome is a rare genetic disease caused by microdeletion of chromosome 7. The extensive clinical picture significantly affects the daily life of children with this diagnosis. The care for children with Williams syndrome requires an intervention of a multidisciplinary team, which also includes an occupational therapist. The aim of this bachelor thesis is to define the role of occupational therapist and areas of intervention for children under 15 years of age with Williams syndrome. The theoretical part of the bachelors thesis briefly describes the general issues related to diagnosis, disease prevalence, clinical characteristics, the operations of the association for Williams syndrome in the Czech Republic, treatment and therapeutic options. The aim is to introduce the issue. Subsequently, the work deals mainly with the description of occupational therapy and its application in this rare disease. The practical part of the work contains the elaboration of two therapeutic case reports, on which a possible occupational therapy intervention for a selected target group is presented. The partial goal of this work is to develop a brief information brochure providing useful information about occupational therapy for children under 15 years of age with Williams syndrome and to propose specific activities suitable to support psychomotor development. The purpose of the brochure is to create a brief summary material intended for parents or family members. Rare diseases are faced with little awareness of the professional public and insufficient amount of literature on this issue. I therefore consider it important to raise awareness of Williams syndrome and to promote general interest in this topic.

**Key words:** Occupational therapy, Williams syndrome, pediatric patient, multidisciplinary team, periods of development