

## **ABSTRACT IN ENGLISH**

This thesis is dedicated to Celiac disease in childhood and problem of gluten-free diet. The theoretical part describes the general knowledge of celiac disease and gluten-free diet. In the research section we examine two main problems: compliance with a gluten-free diet and the change of the proportionality while following the gluten-free diet. We have investigated these two problems in a group of 100 children. We found out that 83,8% of children respected the diet and only 16,2% did not. In the 5-year interval we found out that if they follow a gluten-free diet, the proportionality is getting better. The average proportionality increased by 14,196 percentile. The results are positive, but we should not forget the education. The motivation and education to following the gluten-free diet should be given high priority, because of the later potential complications.

Keywords: celiac disease, gluten, gluten-free diet