

## **Abstract**

The master thesis focuses on dysplasia of the hip joint in relation to the physical activities of an infant under one year. The thesis contains three sections.

The theoretical part informs about dysplasia of the hip and physical activities jointed to this infliction.

The special part defines suitable and unsuitable physical activities of an infant under one year with dysplasia of the hip.

The research deals with hypothesis, problem's questions and goals. The methods used are anamnesis, experiment, interviews and casuistry. On the basis of experiment was difined short-term and a long-term exercise's plan for infant under one year with dysplasia of the hip.

The research was conducted at the patient K. V. from birth to one year of age. Were applied the selected physical activities that demonstrate their significant impact on the reporting of disability. Medical reports suggest that the degree of disability investigated patients improved more than one level. It was also found that there are differences of opinion between medical approaches and treatment by specialists. Even parents have a different attitude to medical recommendations and some seek the views of other experts.

Conclusion contains a summary of the facts and submitted to the positive impact of alternative approaches to influence child development.