

ABSTRACT

Bachelor thesis deals with the topic of cystic fibrosis. It is a serious autosomal recessive hereditary disease. Cystic fibrosis can not be cured, it is only possible to treat the complications of this disease.

The thesis is divided into the theoretical and practical part. The theoretical part is focused on the occurrence of cystic fibrosis in the world and in the Czech Republic, history, the principle of inheritance of cystic fibrosis and there are presented the symptoms and complications associated with cystic fibrosis. There are also presented diagnostic methods and principles, therapy of the disease.

In the practical part of the bachelor thesis there is a public survey on the topic of cystic fibrosis. The survey was conducted in the form of a questionnaire.

Key words: cystic fibrosis, mucoviscidosis, CFTR gene, hereditary diseases, chlorides in the sweat