

ABSTRACT

Diabetes mellitus is one of the non-communicable diseases of mass occurrence. Other diseases, such as diseases of the nervous or vascular system, are often associated with diabetes itself.

This thesis discusses diabetes and these associated diseases, which occur most often together with diabetes. The aim of the thesis was to describe the development and therapy of diabetes itself and the resulting oncological disease of the pancreas. Another goal was to capture the dietary habits of interviewed persons with a newly diagnosed pancreatic tumor and determine nutritional interventions depending on the diet record. As these cases were very specific, the practical part was processed in the form of a case study.

The work includes 4 case studies of patients with diabetes mellitus together with oncological disease of the pancreas. Each case study also includes nutritional recommendations for improving or maintaining the quality of life and compensating for the disease.

The topic of diabetes and oncological disease of the pancreas is not sufficiently explored and therefore there is a need for further research that would deal with these topics.

keywords: diabetes mellitus, diabetes mellitus and related conditions, complications of diabetes, diabetes mellitus and pancreatic cancer