

## **7 Abstract**

The bachelor work is divided into two parts, the first part is theoretical and overview and emphasizes the disease diabetes mellitus, its severity, characteristics of the disease, symptomatology, treatment, specifics of diabetes in the elderly age group, dietary regimen, complications etc. Quality of life is also described.

The second part was research. The research took place in the University Hospital Hradec Kralove, at the III Internal Gerontometabolic Clinic and was attended by 30 respondents. The respondents were men and women aged more than 60 years, treated with diabetes type 2 for at least 5 years. It was not possible to separate diabetes mellitus type 2 from other diseases, so patients who did not have significant comorbidities were selected.

The quality of life of the elderly was examined using the Czech version of the Quality of Life Questionnaire for the Elderly – OPQOL (A. Bowlingová, University College London). It was a shortened Czech version with 12 items.

The goal was to summarize the current knowledge about the quality of life of seniors, who are treated for diabetes mellitus type 2. Furthermore, to find out if differences exist between patients related to gender, age and the length of the disease.

**Keywords:** diabetes mellitus type 2, seniors, quality of life, OPQOL questionnaire