

Abstract

The main concern of this thesis are breast, cervical and testicular cancer with focus on their epidemiology, screening and prevention. The epidemiological situation in Czechia and selected member states of EU is described by using indicators of incidence and mortality. The first main goal of this thesis is to analyze breast and cervical cancer screening coverage as well as the coverage by regular gynecologist check ups by using data from VZP health insurance company. It has been found that the breast cancer screening coverage rates are influenced by age structure. Cervical cancer screening coverage and gynecologist check-up coverage grow from 2009 to 2017. The other main task was to find out about knowledge of self-examination of Czech young people by using the data from questionnaires from educational programme “Healthy balls”. Health knowledge among these students was low. There were found some differences in health behaviour and health literacy between gender and age groups.