

Development of mortality from malignant neoplasm of bronchus and lung in the Czech Republic

Abstract

Malignant neoplasm of bronchus and lung is one of the most common causes of death in the Czech Republic and this diploma thesis aims to evaluate and describe the development of mortality from this disease since the mid-nineties to the present time in the Czech Republic compared to other European countries and on district level. The main goal of this thesis is to analyze the indicators evaluating the structure and intensity of mortality on this common cause of death. The theoretical part describes the selected disease, all the important risk factors, possibilities of prevention, diagnosis, treatment and prognosis of the disease. There are some other theoretical concepts described especially the tobacco epidemic, as smoking is without a doubt the most important risk factor for this disease. Throughout the study period, mortality rates have been converging in the Czech Republic and other selected European countries for malignant neoplasm of bronchus and lung by sex when mortality has decreased significantly for men population, while for women it is slightly increasing.

Keywords: mortality, cause of death, malignant neoplasm, bronchus, lung, Czech Republic