

Theme of her thesis dealing with lung cancer women I have chosen not only because it belongs to the Czech Republic countries with high incidence and mortality for lung cancer, but also personal interest in this issue.

Lung cancer is by far the most common malignant cancer in men. For women, the incidence of this tumor is about four times lower than in men, but worrying is the fact that the curve for women incidence has increased steadily.

Although a direct link has been demonstrated a number of risk factors, especially smoking, another question arises about the influence of other substances, especially in women, where the representation of different histological different types of lung tumors. Therefore, there are hypotheses whether women have no share in the development of lung cancer, especially adenocarcinoma, hormonal influences.

That was the impetus for writing this work, which I tried to find association between the occurrence of adenocarcinoma in women and hormonal contraceptives, hormone replacement therapy and length of time between menarche and menopause.