

ABSTRACT

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Title of the thesis: Methods for diagnosing the local staging of breast cancer

Objective of the thesis: The aim of this diploma thesis was to get acquainted with the diagnostics of breast cancer, focusing on differences in clinical and pathological findings.

Background: Differences in tumor size vary. There are tumors in which size is determined correctly (possibly with a tolerance of 20%) and tumors that have a large difference in the size determined by clinician and pathologist. Reasons are not known. However, differences in clinical and pathological findings are not statistically significant.

Conclusions: Sufficient prevention by women and early diagnosis of breast cancer is a basic criterion for successful treatment and diagnosis of this disease. To investigate the causes of differences in clinical and pathological findings of tumors, further testing should be performed in a larger group of patients.

Key words: breast cancer, breast cancer types, breast cancer diagnostics, breast cancer therapy, sonography, mammography, biochemical tumor markers