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The indication for mammography - case rapport

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Background & Aim: Breast cancer has become the leading cause of death of women 40 - 60 years old, with one out of eight women getting ill. Almost 80% of all malignant breast tumors are Invasive Ductal Carcinoma (IDC). Timely diagnosis of malignant breast diseases represents the road to the decrease of breast cancer mortality rate. In economically developed countries, thanks to screening mortality rate is constantly declining and the death rate fell by 30%. At the moment, the only way to control the disease is its early diagnosis when the malignant lesion is under 1cm, which results in locally advanced disease in only 10% of the cases, and fifteen-year survival in 95%. Tumors bigger than 2cm are 77% likely to locally metastasise to regional lymph nodes and ten-year survival in this case is almost 60%.

Method: Clinical tests on breasts and axillae, Digital Mammography.

Results: Symptomatic patients, 67 years. with a palpable mass in the left breast. Evaluation of symptomatic breast for decisions on further action and the detection of associated subclinical malignancy in the other breast or symptomatic Mutual native mammography (MLO): stellate shadow in the left breast (2.5 cm) and the right breast (0.5cm) Histopathologic findings of: lobular carcinoma, tubular carcinoma.

Conclusions: Breast cancer has a huge socio-medical importance (owing to the consequences that may stem from it) and demands routine use of all available diagnostic methods, obtaining adequate material for pathohistological confirmation and close cooperation with surgeons. Therefore, I want to emphasize once again the importance of teamwork in diagnosing and treatment of breast cancer, due to the fact that the early diagnosis of this disease is currently the only way of taking control over it.