

## BREAST CANCER AS A SECOND TUMOR AFTER RADIOTHERAPY IN PATIENT WITH HODGKIN'S LYMPHOMA-CASE REPORT AND LITERATURE REVIEW

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Cancer induction after radiation therapy is known as a serious side effect.

We present a female patient with breast cancer as a second malignancy after Hodgkin disease treatment, twelve years after the disease was detected. A Core Needle Biopsy was performed and a breast cancer was confirmed. The patient underwent neoadjuvant chemotherapy and preoperative radiotherapy to the right breast. After that, a radical right mastectomy was done, with a right axillary dissection. Subsequent histopathological examination revealed an invasive intraductal breast carcinoma.

It is important to point out that there are potential risks and long-term complications of anticancer therapy among cancer survivors. *Acta Medica Medianae* 2017;56(1):71-74.

**Key words:** *Hodgkin's lymphoma, breast cancer, second malignancy*