

## Voluminous Bilateral Breast Cancer in the Youngest Woman Seen in the Oncology Department Joseph Ravoahangy Andrianavalona Hospital

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### ABSTRACT

We report a case of bilateral breast cancer in a 24-year-old woman seen at the multi-metastatic stage. This case illustrates the need for oncogenetic counseling to detect genetic predisposition in women with a family history of breast cancer.

### **KEYWORDS**

Bilateral breast cancer; Oncogenetics; Young woman

### OBSERVATION

A 24-years old young woman, who had her period at 12, with a family history of breast cancer in the grandmother on the maternal side, presented with a nodule in the upper-external quadrant of the left breast evolving in 15 months towards a carcinomatous mastitis. A nodule in the upper inner quadrant of the right breast appeared 18 months later, also evolving in 15 months towards an infiltration of the entire right breast (figure 1). The anatomo-pathological examination of a biopsy of the right breast is in favor of an infiltrating lobular carcinoma. The extension assessment found a cancer at the metastatic bone and pleuro-pulmonary stage, the probable cause of his current admission in a picture of respiratory distress on bilateral pleurisy of great abundance.

### DISCUSSION AND CONCLUSION

The incidence of bilateral breast cancer ranges from 2 to 11% [1]. Most of the cases are metachronous bilateral breast cancer cases as opposed to synchronous bilateral breast cancer cases [1], as in our case.

The definition of young woman in breast oncology varies according to the authors and refers to women under 35-years, 40-years, or 45-years old [2]. Our patient has 24-years old, according to our knowledge she is the youngest with bilateral breast cancer seen in our department.

Thirteen genes are known to be involved in hereditary cancers of the ovary or breast [3]. Oncogenetic evaluation is essential to distinguish if the family has a high or very high risk of breast cancer. It will prevent the late discovery

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of this pathology. Case often seen in developing countries like ours.

### **CONFLICT OF INTEREST**

The authors have no conflicts of interest to declare

### ***Availability of Data***

No other data were used in this article

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**Figure 1:** Photograph of the patient's chest showing infiltration of 2 breasts with skin invasion, nipple retraction and a biopsy scar of the right breast.

### **REFERENCES**

1. Jobsen JJ, van der Palen J, Ong F et al. (2015) Bilateral breast cancer, synchronous and metachronous; differences and outcome. *Breast Cancer Research and Treatment* 153(2): 277-283.
2. Anastasiadi Z, Lianos GD, Ignatiadou E et al (2017) Breast cancer in young women: An overview. *Updates in Surgery* 69(3): 313-317.
3. Livon D, Moretta J, Noguès C (2019) What attitude to women at high risk of breast cancer? *Presse Medicale* 48(10): 1092-1100.