



Epidemiological profile of breast cancer in older women in the province of Tlemcen



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Introduction

The old woman is defined by an age equal or over 70 years old. More than 50% of breast cancers are diagnosed in women aged 65 years or older, a quickly growing segment of the population .

The diagnosis of breast cancer in the elderly is often delayed. The biologic features of breast cancer in the elderly are less aggressive. Being of low grade and hormonosensible, the breast cancer of the elderly has often a good prognosis.

Principal objective

Describe the epidemiological, clinical and pathological characteristics of breast cancer in women aged 70 years and older.

Material and methodes

This is a series of breast cancer cases of women aged 70 years and older collected between January 2011 and March 2016 at the Tlemcen EHS, the data capture on epi info version 6.

Ethical aspects

Pursuant to Article 21, Chapter 3 of Order No. 387 of 31 July 2006 relating to clinical trials of the person's consent. Women are fully and fairly informed in understandable terms of the study objectives and their right to refuse to participate in the study.

Results

10% is the incidence of breast cancer in women aged 70 years and older (32 cases out of 320 cases of breast cancer), 8% of the population is Tlemcen, followed by Ghazaouet (21%), Maghnia (16% 80% are uneducated, the average age at the meniscus 13.3 ± 2.2 ; Age at first pregnancy 19.7 ± 4.2 , mean number of pregnancies 6.66 ± 3.7 ; The duration of lactation $68 \text{ months} \pm 65$ and the average age at menopause is 48 ± 6.89 .The anatomopathological characteristics of these tumors are: 47% are located in the right breast, 44% in the left breast, 10% bilateral; 62.6% are CCI, 6.2% CC Atypical, 3.1 carcinoma in situ, 7% have grade, 41% grade II, 10% grade III.

The lymph node invasion is found in 69%, in 47% the estrogen hormone receptors are positive, 15.7% express HER. 27% had metastasis to the diagnosis

Discussion-conclusion

According to data from the Tlemcen wilaya cancer registry, the incidence rate of breast cancer in women aged 70 years and over varies between 1.3 and 2.1 per 100 000 H during the last five years. Reproductive factors do not represent risk factors in our cohort since they are large multiparous, having breastfed more than 11 months per child. Given the aging of the population, cases of breast cancer in older women are likely to increase further.