

<https://doi.org/10.29289/259453942023V33S1090>

# Mammary Paget's disease: Clinical–epidemiological profile in a reference oncology clinic in the capital of Piauí

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**Objective:** The objective of this study was to identify the clinical and epidemiological profile of patients diagnosed with breast Paget's disease from December 2006 to January 2023 in a reference oncology clinic in the city of Teresina, PI, Brazil.

**Methodology:** This is an observational, descriptive, quantitative, and retrospective study conducted by collecting the data from medical records. We analyzed 982 medical records of female patients with breast cancer. Variables such as age, personal and family history of cancer, presence of pathogenic variants in the panel tested, and pharmacological and surgical interventions were analyzed, tabulated, and analyzed descriptively in Microsoft Excel. The study included all the medical records of patients seen in this period, excluding those who did not have breast cancer or whose records did not provide sufficient information. The study was approved by the Research Ethics Committee, opinion number 3015472.0.0000.05209.

**Results:** Of the patients diagnosed with breast cancer, those with the mammary form of Paget's disease represented 0.3% of the total. In two of the three cases, Paget's disease was associated with invasive ductal carcinoma and there was one case of Paget's tumor. The mean age was 57 years, and two cases were in postmenopausal women. Among the clinical characteristics, the degree of differentiation most commonly found was G3 (66.7%), followed by G2 (33.3%). All patients had RE+/RP+ pattern. **Conclusion:** In this study, the cumulative incidence of Paget's tumor of the breast in women diagnosed with breast cancer in the study population from December 2006 to January 2023 was 0.3%, and of this total, 66.7% were associated with invasive ductal carcinoma.

**Keywords:** breast cancer; Paget's disease of the breast; women.