Clinicopathological Features of Gestational Breast Cancer in Syria: A Comparative Study

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Introduction

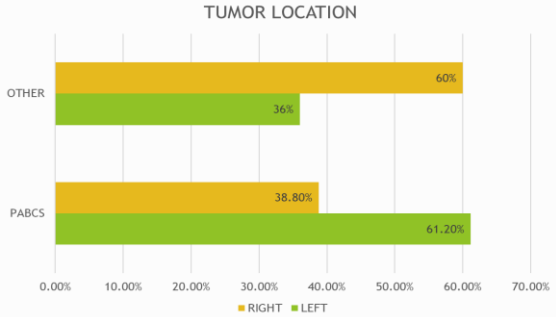
Syria faces a particularly high burden of breast cancer. Gestational breast cancer represents a distinct and complex subset of breast malignancies. It is defined as breast cancer diagnosed during pregnancy or within one year postpartum.

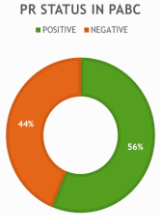
Methodology

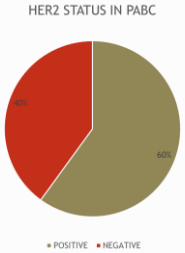
This retrospective cohort study included patients with a histologically confirmed diagnosis of breast cancer between January 1, 2005, and June 1, 2025. Data were retrieved from Al-Bairouni University Hospital's breast registry.

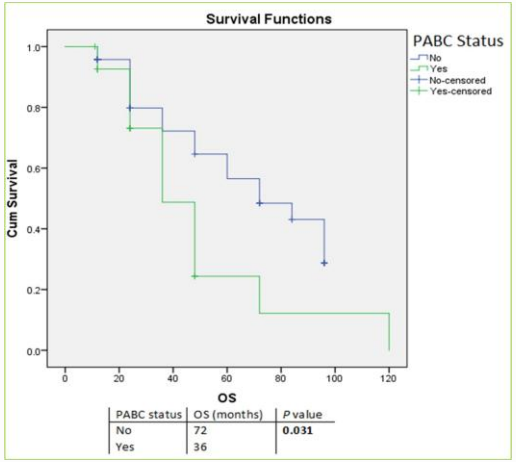
Results

Our study included 164 female patients diagnosed with Breast Cancer. Patients were distributed among two groups: “Gestational breast cancer” group and “Other breast cancer patients” group. The gestational group consisted of 80 patients, while the other group consisted of 84 patients. Invasive ductal carcinoma was the most common histological subtype among both groups (90.2%).









Comparison in OS between PABC and non-PABC

Conclusion

Our findings suggest that patients with gestational breast cancer in Syria may present with more aggressive biological features, particularly regarding HER2 expression. This could affect treatment strategies and disease prognosis.

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