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Epidemiologic patterns of breast cancer in Northern Saudi Arabia

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Objective: The aim of this study was to find out the prevalence rates of common types of breast cancer in Northern Saudi Arabia.

Methodology: A retrospective cohort study was carried out over a five year period in two referral hospitals. In this study 257 files were retrieved from Departments of Surgery from different hospitals in Hail region, Kingdom of Saudi Arabia (KSA).

Results: Of the 257 samples diagnosed using fine needle aspiration cytology (FNAC), histopathological diagnosis was confirmed for 158 patients. Of the 158 diagnosed samples, 46/158 (23.2%) were ductal carcinoma, 7/158(4.4%) were lobular carcinoma, 3/158(1.9%) were mixed tumors, and 102/158(64.6) were fibroadenoma.

Conclusion: It is concluded from the present work that ductal carcinoma is the prevalent breast cancer in Hail, KSA.

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