

Risk factor for breast cancer among Palestinian women

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Abstract:

Background: Breast cancer is the most frequently diagnosed life-threatening cancer in women and the leading cause of cancer death among women. Breast cancer is a malignant tumor that starts in the cells of the breast. A malignant tumor is a group of cancer cells that can grow into (invade) surrounding tissues or spread (metastasize) to distant areas of the body. {1}

The disease occurs almost entirely in women, but men can get it, too. Breast cancer ranked first, with (401) reported cases, (18.3%) from all reported cases. Breast cancer is the highest among females and focus in the age group between 20 -59 .Where Colon cancer ranked second, with (236) reported cases and (10.8%) from all reported cancers. Colon cancer is the second type of cancer in males with (124) cases (11.7%) and the second one among females with (112) cases (9.9%). Lung cancer was in third place according to reported figures, with (222) reported cases (10.1%), of the all reported cases. Lung cancer was in the first place among males .Leukemia's (6.2%), Brain (5.3%), Bladder (4.1%), Rectum (3.2%), Liver (3.1%), Prostate (3.0%), Stomach (3.0). {2}

The purpose of this study is to determine the most common risk factors of breast cancer in Palestinian woman.

Methodology: A cross sectional retrospective descriptive study was conducted from patients files who came to Rafedia hospital and did mastectomy in the last 10 years.

Result: After the descriptive data analysis most risk factors according 30 women were : Age was the most significant risk factor for breast cancer (96.7%) , Drinking coffee more than one cup (90%) , use cell phone from one to five hour (83.3%) , passive smoking (73%) , being married (63.3%) , weight gain after menopause , low education and early menarche (66.7%) , late menopause (56.7%) , hypertension (36.7%) , body mass index >23 (30%) , diabetes mellitus (26.7%).

About 12 women also we found that the Age was the most significant risk factor for breast cancer (91.7%) , Drinking coffee more than one cup (83.3%) , use cell phone from one to five hour (83.3%) , body mass index >23 (75%) , weight gain after menopause (66.7%) , passive smoking (50%) , wear tight bras or underwire bras (50%).

Conclusion: Most Risk factors according 30 women as a whole including 12 women was Age, Drinking coffee, passive smoking, use cell phone for long period, wt. gain after menopause and BMI > 23 as evidence by our Quantitative analysis.

