



The Prevalence and the Risk Factors for Breast Cancer in Fasa in the Years 2014-2015

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Background & Objective: Breast cancer is a disease in which malignant cells derived from breast tissue are irregular and increasingly proliferate and without being defensive and offensive brought a reaction in the immune system. With one million new cases in the world each year, breast cancer is the commonest malignancy in women and comprises 18% of all female cancers. The international incidence of female breast cancer varies markedly, being highest in the United States and Northern Europe, intermediate in Southern and Eastern Europe and South America, and lowest in Asia. From 1983 to 1987, the age-adjusted incidence rate of breast cancer varied by factor of about five between countries. However, the incidence rates have been rising in traditionally low-incidence Asian countries. Survival and disease epidemiology study has shown that 75% of breast cancers occur in women over 50, and only 6/5% was seen in women under 30 years.

Materials & Methods: This cross-sectional study was carried out by entering statistics of cancer deaths registered in department of Fasa Forensic Medicine and Vice Chancellery of clinical affairs of Fasa University of Medical Sciences in 2014-2015. The data were analyzed by Excel and SPSS soft wares.

Results: The results of this study showed that the prevalence of breast cancer in the studied population was 0.15%. Most frequent risk factors are related to physical activity, irregular activity or inactivity (24%), breastfeeding less than two years (16.5%), Bone Mass Index (BMI) BMI 30 and higher (8%) and being second-hand smoker (or passive smoking) at home (7.7%).

Conclusion: The results of this study showed that the prevalence of breast cancer in the study population was 0.15%, which is much lower than that reported in other studies on breast cancer prevalence in Iran. Early screening and other management may decrease this phenomenon

Keywords: Breast cancer, Fasa, Risk factor