

Arwa Ahmed Awn Al-Madhaji et al.: [Breast cancer among patients admitted into Al-Thawra Teaching Hospital in Sana'a, Yemen](#). PAJO 7(2):6-9, June 2014

Breast cancer continues to be a major cause of morbidity and mortality worldwide. It is the most frequent malignancy among women in the developed countries. This study was carried out in oncology unit at Al-Thawra teaching hospital-Sana'a- Yemen, to recognize the clinical feature, histopathological types and outcome of breast cancer. During 5- year study period (March 2006 – February 2010), 245 patients admitted into hospital with confirmed histopathologically breast cancer. From hospital record we reviewed the demographic data, clinical manifestations and histological characters and outcome of patients. Of two hundred and forty (98%) were female and only 5 (2%) male patients. The mean age of patients with breast cancer was  $49 \pm 8.2$  years. The peak incidence occurred in the age group of 30-50 years, affecting 205 (83.67%). The common presenting symptoms and signs were painful breast lump and axillary painful mass presented in all patients. 83.67% of the patients had left side breast cancer. Lymph nodes, lungs, liver and bones were the common sites of breast cancer metastasis accounted for (100%, 81.63%, 80.81%, 77.55%) respectively. The most frequent histological type was infiltrated ductal carcinoma represented 68.16%. All patients presented in advanced stages, (stage III 44.89% and stage IV 68.16%). The mortality rate of breast cancer in this study reached into (22.44%).

#### **Conclusion**

Breast cancer is frequently seen in our unit. Yemeni patients seek medical advice in advanced stage of the disease where the benefit of therapy is minimal and targeted only the improvement of the quality of life.