



The Pattern Of Benign Breast Diseasesin Erbil Governorate Twenty One Year Experience

Abstract

Background: Benign breast diseases are the most common cause of breast problems. In our region more than 40% of women suffer from benign breast diseases and require treatment at some time in their lives. Benign breast diseases are ten times more common than breast cancer .

Objectives: to identify the pattern of benign diseases of the breast and to present our experience in dealing with them during last 21 year.

Methods: from Feb 1990 to June 2001, 30000 patients with different diseases of the breast were examined in our private clinic in Erbil, a good number of them disappeared or visited the clinic for several times (10000 patients) . we were left with 20,000 patients seen regularly, among these 510 patients had breast cancer and were excluded from the study, and we were left with 19490 patients.

Results: Among all the benign breast diseases, right breast involvement was more common (51%) while left breast involvement was involved in (39%) of the patients, Bilateral involvement was seen in (10%) of the patients. In pattern of benign breast diseases, mastalgia was the most common lesion constituting 40% (7796 patients) of cases followed by fibroadenoma 4872 cases (25%), cyst (1949 cases) 10%

Results : The age groups are ranged from 23 to 78 years old with a mean age of 48 years old.

Most of the patients were less than or equal to 50 years old with a percentage of (60.5%). The leading tumor type was infiltrative ductal carcinoma (89.5%), and the other (10.5%) was diagnosed as lobular carcinoma. The majority of cases were of grade II with a percentage of 72%, followed by grade III (22.4%) and (5.3 %) for grade I. The percentage of ER +ve breast cancer is (55%) followed by PR +ve (48.7%), and HER 2 over-expression is (30%). Stage IIA accounts for the majority of cases (40.8%) followed by stage IIB (31.6%), then stage IIIA (17.1%) and finally stage IIIB (10.5%). During the period of the study no stage I or stage IV were recorded. As shown in Table I.