عنوان مقاله:

Evaluation of the relationship between axillary lymph nodes involvementand Ki67 over expression in Breast cancer patients

محل انتشار:

دهمین کنگره بین المللی سرطان پستان (سال: 1393)

تعداد صفحات اصل مقاله: 1

نویسندگان:

Soodabeh shahidsales - *Cancer Research Center, School Of Medicine, Mashhad University Of Medical Sciences, Mashhad , Iran*

Mehdi Asadi - *Surgery Cancer Research Center, School Of Medicine, Mashhad University Of Medical Sciences,Mashhad , Iran*

Seyed Amir Aledavood - *Cancer Research Center, School Of Medicine, Mashhad University Of Medical Sciences, Mashhad , Iran*

Kazem Anvari - *Cancer Research Center, School Of Medicine, Mashhad University Of Medical Sciences, Mashhad , Iran*

خلاصه مقاله:

Background: Breast cancer is the most common malignancy between women in the world and Iran. KI67 is a biological marker that is activated in cell proliferation process. In this study we wanted to evaluate of the relationship between axillary lymph nodes involvement and Ki67 over expression in Breast cancer patients Method: In this study, Breast cancer patients admitted to our oncology department , during 2002-2012 ,were evaluated. The Ki67 correlated with age, menopausal status, histologic tumor type, disease stage , tumor size, lymph node involvement, hormon receptor (ER, PR), Her2, distant metastasis and the overall survival were studied. Results: In this study of 2723 cases of female patients with breast cancer were studied, of whom data were available for KI67 in 449 of the records. Patients divided into two group as follows: High KI67 (> =14%) and Low KI67(<14%). The mean age was 49.3. The most common stag at presentation was stage II(46.8%). In assessing lymph node involvement, 37.9% of patients were N0; 29.3%on N1, 23.1 on N2 and 9.7on N3. In 66.2% of N0 patients, the 70.9% of N1, 61.7% of N2 and 64.7% of N3; KI67rate was high. Although lymph node involvement is associated with KI67, and the relationship of the group N1 is the highest, but in this study there is not statistically significant relationship (P-value = 0.623) in patients with Her2 positive, patients with high KI67 is significantly more than another group(Low KI67) (PV=0.03). On survival analysis performed in patients with Ki67 less than 14% clearly have a higher survival rate compared to others. (PV = 0.02). Conclusion: The results of this investigation indicate that higher value of KI67 does not accompany with the high probability of involving lymph nodes, but due to high level of this factor with decreased survival period, we conclude independently to its influence on lymph nodes involvment, this factor can play as a prognostic factor and seems determining it at the time of diagnosis, will be helpful fordecision of appropriate treatment .

کلمات کلیدی:

Breast Cancer, lymph node involvement, KI67