عنوان مقاله:

Determination of Multiple Recurrences after Breast Surgery using a Random Effect Model

نویسندگان:

Farshad Mahdavi - *Assistant Professor of Surgery, Tuberculosis and Lung Disease Research Center, Tabriz University of Medical Sciences, Tabriz, Iran*

Reza Eghdam Zamiri - *Associate Professor of Radiology, Tuberculosis and Lung Disease Research Center, Tabriz University of Medical Sciences, Tabriz, Iran*

خلاصه مقاله:

The aim of this study was to determine multiple recurrences after breast surgery using a random effect model. This is a cohort study in which ۳۴۲ patients were evaluated after breast surgery during the period ۲۰۱۵ to ۲۰۲۰. All information of breast cancer patients was extracted from their files and their recurrence rate was evaluated and predicted based on the fragility model. The risk of multiple local recurrences and metastases increases in people under ۴۰ years of age compared to people over ۵۵ years of age. Also, tumor size (more than ۲۰ mm) has a significant effect on the risk of local recurrence and metastasis in patients. In addition, patients with HER۲ + have a higher risk of multiple local recurrences and metastases. The correlation between multiple local recurrences and metastasis in these patients was ۰.۷۹ in the combined model. Also, the values of fragility variance for local recurrence and metastasis were ۱.۱ and ۷.۳۹, respectively. The results of this study showed that patients with the same explanatory variables have different risk of metastasis. Also, the relationship between two types of metastatic and local recurrences was high in patients with breast cancer, which is of great importance in the process of diagnosis and treatment of this disease.

کلمات کلیدی:

breast surgery, cancer, mortality, survival

لینک ثابت مقاله در پایگاه سیویلیکا:

https://civilica.com/doc/1555269