

عنوان مقاله:

Expression of E-cadherin and Ki-67 in gastric cancer and correlation with clinicopathological factors

محل انتشار:

بیستمین همایش سالانه و سومین همایش بین المللی آسیب شناسی و طب آزمایشگاه (سال: 1397)

تعداد صفحات اصل مقاله: 1

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خلاصه مقاله:

Background and Aims: Gastric carcinoma is the second leading cause of cancer-related deaths in the world. The aim of this study is the evaluation of expression of E-cadherin and Ki-67 in gastric cancer patients and correlation with clinicopathological factors. **Methods and Results:** In this cross-sectional study, the slides of patients who underwent total gastrectomy due to gastric cancer during years 2012-2014, in Hamadan city, the west of Iran, were selected and reconfirmed by a pathologist and classified according to Lauren's system into intestinal and diffuse types and underwent for Immunohistochemistry analysis to assess E-cadherin and Ki-67. Additional data including lymph node involvement, tumor site and depth were also considered. Chi square and t-test were used for assessing the differences between thenominal and numerical variables respectively. A P value <0.05 was considered to indicate statistical significance. **Results:** A total of 78 patients were considered. The most common cancer grade was II (36.5%). E-cadherin was positive in 53.8% of the patients while Ki-67 was present in 76.4%. There was a significant relation between E-cadherin and the number of lymph nodes involvement ($p=0.021$). There was a significant relation between Ki-67 and the cancer grade ($p=0.035$) and patient gender ($p=0.003$). However no other significant differences between the study parameters were present. **Conclusion:** In this study, E-cadherin was related to the .number of involved lymph nodes, and Ki-67 was related to the cancer grade and patient gender

کلمات کلیدی:

Ki-67, E-cadherin, gastric cancer

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