

عنوان مقاله:

Investigating of HER-2/Neu Expression in Gastric Cancer and Its Correlation with Histological Findings of Tumor

محل انتشار:

دومین کنگره بین المللی پزشکی افصلی پور (سال: 1397)

تعداد صفحات اصل مقاله: 1

نویسندگان:

Mohammad Mahdi Hayatbakhsh Abbasi - Assistant Professor, Pathology and Stem Cells Research Center, Kerman
University of Medical Sciences, Kerman, Iran

Elham Jafari - Gastroenterology and Hepatology Research Center, Institute of Basic and Clinical Physiology
Sciences, Kerman University of Medical Sciences, Kerman, Iran

Mohammad Javad Zahedi - Gastroenterology and Hepatology Research Center, Institute of Basic and Clinical
Physiology Sciences, Kerman University of Medical Sciences, Kerman, Iran

Sodaif Darvish Moghaddam - Gastroenterology and Hepatology Research Center, Institute of Basic and Clinical
Physiology Sciences, Kerman University of Medical Sciences, Kerman, Iran

خلاصه مقاله:

Background: In Cancer cells, HER-2/Neu acts as an oncogene. Its overexpression leads to increased protein in the membrane of cancer cells. The role of HER-2/Neu was known in a wide variety of cancers such as breast and lung neoplasms. This study aimed to investigate HER-2/Neu expression in gastric cancer by using immunohistochemistry (IHC). Materials and methods: This cross-sectional study was performed on 48 individuals with gastric cancer who had undergone gastrectomy. After diagnosing gastric cancer by histologic reports, the specimen were reassessed for HER-2/Neu evaluation. IHC was used to determine HER-2/Neu expression (Biogenax kit, DAKO criteria). Data were analyzed by descriptive and analytical methods and SPSS software version 20. Results: The study cases are comprised of 48 individuals (79.2% male). The average age of cases was 59.93 ± 13.95 years. The mean of tumor size was 5.5 ± 2.45 cm. The most common tumor location was antrum and pylorus (43.8%). Intestinal type of gastric cancer was the most common (72.9%). The most of cases were in stage T3 (87.5%). HER-2/Neu positive expression was present in 10.4%, while the majority of cases showed a HER2/Neu-negative status (89.6%). There was no significant relationship between HER-2/Neu expression and investigated variables ($p > 0.05$). Conclusions: According to the results of this study, HER-2/Neu expression in gastric cancer was low. More extensive studies are needed

کلمات کلیدی:

HER-2/Neu, Gastric Cancer, Immunohistochemistry, Gene Expression

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/812819>



