

no significant correlation was found in this study and other studies^(14, 17, 18, 20). In a previous study done in Iraq, p53 protein accumulation was higher in poorly differentiated gastric carcinoma than in moderately and well differentiated ones⁽¹³⁾, similar results were also found in other studies^(22, 23, 24), this difference in the results obtained from different studies could be due to sample size limitation and different techniques used during work.

In concordance with other studies, there was no statistical significant difference between p53 overexpression and stage of gastric cancer^(17, 21, 25).

In conclusion, the overall expression of p53 protein in gastric carcinoma cases in the present study was 44% and there was no significant correlation between p53 overexpression and different clinicopathological variables like: age and sex of patients, site, gross pattern, histological type, tumor grade and stage. However, Intestinal type gastric carcinoma showed a higher p53 expression rate in comparison to diffuse type and also P53 overexpression was more common in moderately differentiated type gastric carcinoma cases than in poorly differentiated type.

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