Expressions of p-63, E-cadherin and N-cadherin in cervical carcinoma

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View from specialist: It is creative, and of certain scientific and educational value.

[ABSTRACT] Objective: To study the expressions of p-63, E-cadherin and N-cadherin in cervical carcinoma and the correlation with the cervical carcinoma. Methods: Clinical data of patients with cervical squamous cell carcinoma admitted from 2004 to 2008 was retrospectively analyzed. Immunochemical assay was used to detect the expressions of p-63, E-cadherin and N-cadherin in cervical squamous cell carcinoma tissues. The correlations of them were discussed. The relationship between their expressions and clinical tumor, pathological features was analyzed. Results: A total of 131 cervical cancer specimens which from 131 patients with cervical carcinoma were retrospective analyzed. The positive expression rate of E-cd, N-cd and P63 in our study was separately 80.2%, 72.5% and 71.0%. There was correlation among E-cd, N-cd and P63 (P < 0.01). Expressions of N-cd, E-cd, p-63 were correlated with the extent of tissue differentiation, clinical stages, lymph node metastasis and the 5 year survival rate. Conclusions: The expressions of p-63, N-cd and E-cd have significant correlation with the differentiation of cervical cancer, stage, metastasis and prognosis has a certain relevance.

[KEY WORDS] Cervical carcinoma, N-cadherin, E-cadherin