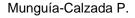
Correlation of focal adhesion kinase expression with nodal metastasis in patients with head and neck cutaneous squamous cell carcinoma



Fernández-Vega I.

Martínez-Camblor P.

Díaz-Coto S.

García-Pedrero J.M.

Vivanco B.

Osuna C.G.

Vazquez-Lopez F.

Rodrigo J.P.

Santos-Juanes J.

Background: Focal adhesion kinase (FAK) and cortactin overexpression is frequently detected in a variety of cancers, and has been associated with poor clinical outcome. However, there are no data in cutaneous squamous cell carcinoma (cSCC). Objective: To investigate the relationship of FAK and cortactin expression with the clinicopathologic features and the impact on the prognosis of cSCC patients. Methods: FAK and cortactin expression was analyzed by immunohistochemistry on paraffin-embedded tissue samples from 100 patients with cSCC, and correlated with the clinical data. Results: FAK overexpression was a significant risk factor for nodal metastasis with crude and adjusted ratios (HRs) of 2.04, (95% CI [1.08-3.86], [P = 0.029]) and 2.23 (95% CI [1.01-4.91], [P = 0.047]), respectively. Cortactin expression was not a significant risk factor for nodal metastasis. Conclusion: These findings demonstrate that FAK overexpression is an independent predictor of nodal metastasis that might be helpful for risk stratification and management of patients with cSCC. © 2018 Wiley Periodicals, Inc.

cortactin

cutaneous squamous cell carcinoma

| focal adhesion kinase   |
|---|
| nodal metastasis  |
| prognosis   |
| cortactin   |
| focal adhesion kinase   |
| aged  |
| Article   |
| cancer prognosis  |
| cancer size   |
| cancer staging  |
| cancer surgery  |
| controlled study  |
| female  |
| head and neck squamous cell carcinoma                         |
| human   |
| human tissue  |
| immunohistochemistry  |
| lymph node metastasis   |
| major clinical study  |
|   |
| male  |
| male metastasis free survival                                 |
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| metastasis free survival                                      |
| metastasis free survival overall survival                     |
| metastasis free survival overall survival perineural invasion |

skin carcinoma

survival rate

tissue microarray