

论文 胰腺癌组织中MMP-9、IL-6的表达及其与临床病理分型的关系

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摘要:

目的 探讨基质金属蛋白酶-9(MMP-9)和白细胞介素-6(IL-6)在人胰腺癌组织中的表达及其与临床病理分型的关系。**方法** 采用免疫组织化学染色法检测50例胰腺癌组织及20例正常胰腺组织中MMP-9及IL-6的表达情况, 探讨其与临床病理分型的关系。**结果** 胰腺癌组织中MMP-9和IL-6的阳性表达率明显高于正常胰腺组织。III~IV期胰腺癌组织中MMP-9和IL-6的阳性表达率明显高于I~II期。在高、中、低3种分化程度不同的胰腺癌组织中, MMP-9、IL-6表达的阳性率随组织分化程度的降低呈升高的趋势。**结论** MMP-9与IL-6在胰腺癌中的表达显著增加, 其高表达可能与胰腺癌的发生发展密切相关。

关键词: 胰腺肿瘤; 基质金属蛋白酶-9; 白介素-6

Expressions of MMP-9 and IL-6 in pancreatic neoplasm and their relationships with clinical pathological classification

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Abstract:

Objective To detect expressions of matrix metalloproteinases-9 (MMP-9) and interleukin-6 (IL-6) in pancreatic neoplasm, and to analyze the relationships between the two cytokines and clinical pathological classification. **Methods** The immunohistochemical technique was used to explore expressions of MMP-9 and IL-6 in 50 cases of human pancreatic neoplasm and 20 cases of non-tumor pancreatic tissues, and the relationships between their expressions and the clinical pathological classification were analyzed. **Results** Expressions of MMP-9 and IL-6 were significantly higher in pancreatic neoplasm tissue than in normal pancreatic tissues. Expressions of MMP-9 and IL-6 were significantly higher in stages III-IV than in stages I - II. In pancreatic neoplasm tissue, MMP-9 and IL-6 expression rates decreased with different degrees of differentiation (high, moderate and low). **Conclusion** Expressions of MMP-9 and IL-6 in pancreatic neoplasm are increased, and high expressions may correlate with the occurrence and development of pancreatic carcinoma.

Keywords: Pancreatic neoplasms; Matrix Metalloproteinases-9; Interleukin-6; Immunohistochemistry

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