

论著

贲门癌患者外周血Cytokeratin 20mRNA表达的检测及其临床意义

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摘要 背景与目的: 探讨贲门癌患者外周血微转移的检测及其临床意义。材料与方法: 以巢式逆转录聚合酶链反应(Reverse transcriptase-polymerase chain reaction, RT-PCR)技术检测58例贲门癌患者术前外周血角蛋白20(Cytokeratin 20,CK20)mRNA的表达情况。结果: 58例贲门癌患者外周血CK20 mRNA阳性率为36.2%。有淋巴结转移者阳性率51.5%, 无淋巴结转移者16%, 二者差异有统计学意义。结论: 应用巢式RT-PCR技术检测贲门癌患者外周血CK20 mRNA的表达情况, 有助于外周血微转移的早期诊断, 其阳性表达与淋巴结转移有关。

关键词 [贲门癌](#); [微转移](#); [角蛋白20](#); [外周血](#)

Detection of Cytokeratin 20 mRNA in Peripheral Blood of Patients with Cardial Carcinoma and Its Clinical Implication

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Abstract **BACKGROUND & AIM:** To study the detection of micrometastasis in peripheral blood of patients with cardial carcinoma and its clinical implication. **MATERIAL AND METHODS:** Cytokeratin 20(CK20) mRNA in peripheral blood of 58 patients with cardial carcinoma was detected by using nested reverse transcriptase-polymerase chain reaction (RT-PCR) technique. **RESULTS:** The positive rate of CK20 mRNA in peripheral blood of the 58 patients was 36.2%. The positive rate of CK20 mRNA in patients with lymph node metastasis was 51.5%, while 16% in patients without lymph node metastasis, the two rates were significantly different. **CONCLUSION:** Using nested RT-PCR technique to detect CK20 mRNA in peripheral blood of patients with cardial carcinoma is helpful for early diagnosis of micrometastasis, the positive expression is related to metastasis of lymph node.

Keywords [cardial carcinoma](#) [micrometastasis](#) [cytokeratin 20](#) [peripheral blood](#)

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