【摘要】[目的] 探讨环氧合酶2(cox-2)及血管内皮生长因子(vegf)在乳腺癌中的表达及其临床意义。[方法]应用逆转录聚合酶链反应(rt-PCR),检测了96例乳腺癌患者癌组织及癌旁组织中cox-2和vegf的表达。[结果] cox-2 mrna和vegf mrna分别在87.50%和83.33%乳腺癌组织中表达,而仅在16.67%和31.25%癌旁组织中表达,癌组织与癌旁组织cox-2 mrna和vegf mrna的表达差异有显著意义。[结论]cox-2 mrna、vegf mrna在乳腺癌组织中明显增高。cox-2的表达同vegf的表达密切相关。

【关键词】乳腺肿瘤

the expression of cyclooxygenase-2 and vegf in breast cancer and its significance

cao fei-lin, zhu-min, xie bo-jian, et al.

(taizhou hospital of zhejiang province, linhai 317000, china)

abstract: [purpose] to investigate the expression of cyclooxygenase-2 (cox-2), vascular endothelial growth factor (vegf) in breast cancer and its clinical significance. [methods] the expression of cox-2 and vegf in 96 cases of breast cancer tissues and cancer adjacent tissues were detected by reverse transcription-PCR. [results] expression of cox-2 mrna and vegf mrna was 87.50% and 83.33% in breast cancer tissues; 16.67% and 31.25% in cancer adjacent tissues respectively. the expression of cox-2 mrna and vegf mrna was significantly different between cancer tissue and cancers adjacent tissue. [conclusion] expression of cox-2 and vegf mrna in breast cancer is significantly increased. expression