

论文

乳腺癌组织中c-erbB-2、ER和PR的表达及与预后的关系

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摘要:

目的 探讨c-erbB-2、雌激素受体(estrogen receptor, ER)和孕激素受体(progesterone receptor, PR)在乳腺癌组织中的表达及其与预后的临床意义。方法 采用免疫组织化学S P法检测193例乳腺癌组织中c erbB 2、ER及PR的表达。结果 c-erbB-2、ER及PR的阳性表达率分别为40.9%、62.0%和58.0%; 其中c-erbB-2的阳性表达与组织病理学分型、临床分期、腋淋巴结转移有相关性, c-erbB-2阳性表达组的5年总生存率明显低于阴性表达组; ER与PR的表达呈显著正相关关系 (P < 0.01), c-erbB-2与ER、PR之间的表达呈负相关 (P < 0.05)。结论 检测乳腺癌组织中c erbB 2和ER、PR的表达对乳腺癌患者治疗方案的制定和判断预后具有重要意义。

关键词: 乳腺肿瘤; 雌激素受体; 孕激素受体; c-erbB-2; 预后

Expressions of estrogen receptor, progesterone receptor and c-erbB-2and their relationship with prognosis in breast carcinoma tissues

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Abstract:

Objective To study expressions of estrogen receptor(ER), progesterone receptor(PR) and c-erbB-2and to explore their relationship with prognosis in breast carcinoma tissues. Methods The immunohistochemical S P method was used to detect expressions of c-erbB-2, ER and PR from 193 breast carcinoma tissues. Results Expression rate of c-erbB-2, ER and PR was 40.9%, 62.0% and 58.0%, respectively. Positive expression rate of c-erbB 2 was correlated with tumor histological stage, clinical stage, and axillary lymph node metastasis. The total five-year survival rate was lower in the positive expression of c erbB 2 group than in the negative group. Expression of ER had positive correlation with PR (P < 0.01) . The positive expression of c-erbB-2 had negative correlation with ER and PR (P < 0.05) .Conclusion Detecting expressions of c-erbB-2, ER and PR gene in breast carcinoma tissues has an important role for leading clinical therapy and determining prognosis of breast carcinoma patients.

Keywords: Breast carcinoma; Estrogen receptor; Progesterone receptor; c-erbB-2; Prognosis

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