

论著

子宫腺肌症与肿瘤转移相关基因之间关系的研究

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摘要 目的: 探讨肿瘤转移相关基因在子宫腺肌症发生中的作用。方法: 采用免疫组织化学方法, 对43例子宫腺肌症患者、22例对照组(正常子宫内膜)的nm23-H1、基质金属蛋白酶-2(MMP-2)、基质金属蛋白酶-9(MMP-9)、膜型1-基质金属蛋白酶(MT1-MMP)和基质金属蛋白酶组织抑制因子-1(TIMP-1)的表达进行研究。结果: 子宫腺肌症中, MMP-2、MMP-9和MT1-MMP的表达水平明显高于对照组($P < 0.01$), nm23-H1和TIMP-1的表达水平无显著差异($P > 0.05$)。结论: MMP-2、MMP-9和MT1-MMP在子宫腺肌症的发病过程中可能起重要的作用。

关键词 [子宫内膜异位症](#); [基质金属蛋白酶](#); [基质金属蛋白酶组织抑制因子](#); [nm23-H1](#); [免疫组织化学](#)

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Relationship between tumor metastasis-related genes and adenomyosis

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Abstract

AIM: To study the tumor metastasis-related genes expression in adenomyosis and normal endometrium in order to investigate the pathogenesis of adenomyosis. METHODS: 43 specimens of adenomyosis, 22 specimens of controls (normal endometrium) were studied. The expressions of nm23-H1, MMP-2, MMP-9, MT1-MMP, and TIMP-1 in adenomyosis and controls were detected by immunohistochemical method. RESULTS: The expression levels of MMP-2, MMP-9, and MT1-MMP in adenomyosis were significantly higher than those in controls ($P < 0.01$), but there were no significant difference in nm23-H1 and TIMP-1 ($P > 0.05$). CONCLUSION: MMP-2, MMP-9, especially MT1-MMP, maybe play an important role in the pathogenesis of adenomyosis.

Key words [Endometriosis](#) [MMPs](#) [TIMPs](#) [nm23-H1](#) [Immunohistochemistry](#)

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