

论文

米非司酮对人早孕绒毛组织核转录因子- κ B表达的影响

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摘要:

目的 探讨米非司酮对人早孕绒毛组织中核转录因子- κ B (NF- κ B) 表达的影响。方法 人工流产组早孕绒毛18例和药物流产组早孕绒毛22例, 应用逆转录聚合酶链反应 (RT-PCR) 和免疫组织化学技术分别测定两组早孕绒毛组织中NF- κ B蛋白和mRNA的分布与含量。结果 药物流产组早孕绒毛组织中NF- κ B mRNA表达量与人工流产组相比下调明显 (P<0.01); 药物流产组早孕绒毛细胞滋养层细胞中NF- κ B蛋白表达与人工流产组相比明显下调 (P<0.05)。结论 米非司酮引起早孕绒毛 NF- κ B表达降低, 可能是米非司酮终止早孕的机理之一

关键词: 核转录因子- κ B; 绒毛; 细胞滋养层; 米非司酮; 绒毛间质

Effect of mifepristone on expression of nuclear factor- κ B in human villi during early pregnancy

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Abstract:

Objective To probe into the effect of mifepristone on expression of nuclear factor- κ B (NF- κ B) in human villi during the early pregnancy. Methods Expression of NF- κ B was detected in human villi of 18 surgical abortion women and 22 medical abortion women by RT-PCR and immunohistochemical analysis. Results Expression of NF- κ B mRNA in villi of the medical abortion group was significantly weaker when compared with that of the surgical abortion group(P<0.01), and expression of NF- κ B protein in cytotrophoblasts of the medical abortion group was significantly weaker when compared with that of the surgical abortion group(P<0.05). Conclusions Decreased expression of NF- κ B in human villi induced by mifepristone may be one of the mechanisms for terminating early pregnancy.

Keywords: Nuclear factor- κ B; Villi; Cytotrophoblasts; Mifepristone; Villous stromal

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