

论著

9号染色体臂间倒位的遗传效应研究

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摘要 目的 研究人类9号染色体臂间倒位的遗传效应, 分析9号染色体臂间倒位与流产、死胎、不孕和不育等的关系。方法 采取患者外周血进行淋巴细胞培养, 按常规方法制备染色体, 应用G显带和C显带技术进行染色体核型分析。

关键词 [9号染色体; 臂间倒位; 遗传效应](#)

分类号

Genetic effect of pericentric inversion of chromosome 9

Abstract [Objective]: To study the genetic effect of pericentric inversion of chromosome 9 and to analyse the relationship between pericentric inversion of chromosome 9 and habitual abortion, dead fetus and infertility .Methods: The peripheral blood lymphocytes of the patients were cultured routinely for karyotype analysis with G banding and C banding displaying.Results: Among 4000 cases,71 cases were found having pericentric inversion of chromosome 9. The ratio of the group with abnormal fertility(1.78%) is higher than that of the normal fertility group. Conclusion: Pericentric inversion of chromosome 9 can result in abnormal fertility.

Key words [chromosome 9](#) [pericentric inversion](#) [genetic effect](#)

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