

男性不育的减数分裂研究I.一例推测由于辐射引起的男性不育

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摘要 本文报道了一例推测由于慢性辐射引起的男性不育患者的减数分裂染色体畸变。在患者的精液中有44.4%的减数分裂异常细胞, 睾丸染色体标本的畸变细胞占50.0%, 外周血淋巴细胞染色体畸变率16.0%。本工作表明, 精液染色体技术简例、可靠、可以得到良好的减数分裂图 象。利用该技术可以不经睾丸活检术检查男性不育患者的减数分裂异常, 其结果和睾丸活检 标本中观察到的基本一致。

关键词

分类号

Studies on Meiosis in the Infertile Human MaleI. A Case of Infertile Male Presumably Induced by the Radiation

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Abstract

Meiotic chromosomal aberrations presumably induced by the radiation in an infertile human male were reported in this paper. There are 44.4% cells with meiotic chromosomal aberrations in semen,50.0% cells in testicular preparations,and 16.0% cells in peripheral blood lymphocytes from the patient. The results showed that the analysis on meiosis in semen is rather simple and reliable,and quality of meiotic chromosomes is good enough for study in detail. The meiotic abnormalities in some patients of infertile male may be detected using this method,and the results are corresponding to those observed in chromosome preparations from testicular biopsy.

Key words

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