

# 男性不育的减数分裂研究III. 21例不育男性的细胞遗传学分析

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**摘要** 21例男性不育症患者的生殖细胞和外周血淋巴细胞的染色体分析表明, 10例患者的精子发生过程阻滞在精原细胞或初级精母细胞阶段; 3例患者的减数分裂中期I出现多价体和单价体; 在2例射线引起不育的患者中减数分裂中期I畸变细胞率明显增高, 其中的1例体细胞染色体畸变率高达16.0%。有6例仅作了精液标本分析, 未能作出明确的诊断。

**关键词**

**分类号**

## The Studies on Meiosis in the Infertile Human Male III. The Cytogenetic Analysis in 21 Cases, of Infertile Male

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### Abstract

<FONT face=Verdana> Twenty-one cases of infertile male were studied using several cytogenetic methods, i.e. meiotic chromosome analysis in semen and in testicular biopsies' as well as somatic chromosome analysis. It was found that spermatogenic arrest occurred at the stages of spermatogonia and primary spermatocytes in 10 cases. In 3 cases there were multivalent and univalent in meiotic metaphase I. In 2 cases of infertile patient exposed to long-term irradiation there were higher proportion of aberrant meiotic chromosomes at metaphase I. 16% aberrant somatic cell chromosomes was detected in one of them. However, the cause of infertility for the remaining six cases could not be found owing to the lack of necessary analyses.<BR></FONT>

### Key words

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