

## 一例涉及六条染色体有三个易位的畸变

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**摘要** 本文报道了一例极为罕见的、涉及六条染色体有三个易位的染色体结构畸变。患者为10个月龄的幼儿,智力明显低下。取外周血淋巴细胞作G显带染色体标本,核型分析60个中期细胞的结果,每个核型均具有涉及2、3、6、15、7、14号六条染色体的三个易位,其核型按国际体制可表示为46,XY,t(2;3)(q37;q25),t(6;15)(q13;p11),t(7;14)(q11;q13)。

**关键词**

**分类号**

## An Aberration of a Case with Three Translocations Involving Six Chromosomes

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### Abstract

In this paper we report a case of a chromosome structural aberration with three reciprocal translocations involving six chromosomes. The patient is a 10-month male infant. His major clinical feature is ocular hypertelorism, flat nasal bridge, low-set ears, severe mental retardation and narrow anus hole. The chromosome analysis of his peripheral blood lymphocyte using G-banding techniques shows the karyo type of 46,XY,t(2;3),t(6;15),t(7;14). It involves chromosomes Nos. 2, 3, 6, 15, 7, 14.

As far as we know such chromosome structural aberration has not been reported in China and in the literature on chromosome aberrations. Three possible origins of the chromosome structural aberration are considered, and the genetic effects of balanced translocation are discussed.

### Key words

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