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## A family with Robertsonian translocation: a potential ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4912789>

Jun 18, 2016 · Background. As carriers are healthy and have a normal lifespan, many never discover their unusual **chromosome rearrangement**. Therefore, the **translocation** can be passed down in **families** for many generations without anyone discovering. **Robertsonian translocation carriers** produce **six types** of gametes.

Cited by: 6

Author: Jieping Song, Xi li, Lei Sun, Shuqin Xu, Ni...

Publish Year: 2016

## Clinical and molecular cytogenetic analyses of four ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4837590>

In this work, we report three families with balanced translocation. They all have imbalanced translocation offspring with delayed growth, **intellectual disability** and language barrier. The complex phenotypic manifestation of patients was contributed jointly by **monosomy** and **trisomy** of the **two chromosomes**.

Cited by: 1

Author: Hong Yan Liu, Jia Huang, Tao Li, Dong W...

Publish Year: 2016

## (PDF) Clinical Features of Chromosome 6 Translocation in ...

[https://www.researchgate.net/publication/325827317\\_Clinical\\_Features\\_of\\_Chromosome\\_6...](https://www.researchgate.net/publication/325827317_Clinical_Features_of_Chromosome_6...)

PDF | Background The literature indicates that **chromosome 6** is involved in **balanced translocation** and is involved in reproductive failure. This aim of this study was to explore the clinical ...

## A report of nine cases and review of the literature of ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5785882>

Jan 25, 2018 · A **report** of nine cases and review of the literature of infertile men carrying **balanced translocations** involving **chromosome 5**. ... This work was supported by the Special Funds of Jilin Province Development and Reform Commission, China (2017C025). ... Gaha TJ. Data on **families of chromosome translocation carriers** ascertained because of habitual ...

## [PDF] Reproductive outcome of a case with familial balanced ...

<https://pdfs.semanticscholar.org/593e/767d128059318ed80a1427bedb5d0caffc14.pdf>

was 46,XY chromosomes with a **balanced translocation** t(3;6). His wife had a normal female karyotype. Based on the abnormal karyotype of the proband, his father and half-brother under-went cytogenetic analysis. The results were 46,XY,t(3;6)(q12;q27) for both subjects. The half-brother was

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**Name of Journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 50534

**Manuscript Type:** CASE REPORT

**Six families with balanced chromosome translocation associated with reproductive risks in Hainan Province: A case report and review of literature**

Yun-Chun Chen, Xu-Ning Huang, Chang-Ying Kong, Jian-Dong Hu

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Reciprocaltranslocation carriers displayed individual segregation patterns. Of 8reciprocal translocation studied, 7 produced more unbalanced sperm (from 51,4%to 68,1%), than balanced sperm (from 31,9% to 48,6%). Only one carrier ofreciprocal translocation had more than 50% of sperm with balanced chromosomal complement(51%).



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Clinical feature of infertile men carrying balanced translocations involving chromosome 10: Case series and a review of the literature ... report a novel de novo balanced translocation, 46,XY,t(5 ...

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The involvement of more than 2 breakpoints in 3 chromosomes gives rise to a complex nature of rearrangement and a balanced complex chromosomal rearrangement involving chromosomes 3, ...

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Dec 20, 2018 · Unique t(Y;1)(q12;q12) reciprocal translocation with loss of the heterochromatic region of chromosome 1 in a male with azoospermia due to meiotic arrest: a case report.

### [Segregation of chromosomes in sperm of reciprocal ...](#)

[https://www.researchgate.net/publication/7571652\\_Segregation\\_of\\_chromosomes\\_in\\_sperm...](https://www.researchgate.net/publication/7571652_Segregation_of_chromosomes_in_sperm...)

A reciprocal translocation between the short arm of chromosome 1 and the long arm of chromosome 3 was observed in a pedigree of three carriers (proband, and his brother and mother).

### [Review: Whole genome amplification in preimplantation ...](#)

<europepmc.org/articles/PMC3017410>

Jan 01, 2011 · Preimplantation genetic diagnosis (PGD) refers to a procedure for genetically analyzing embryos prior to implantation, improving the chance of conception for patients at high risk of transmitting specific inherited disorders. This method has been widely used for a large number of genetic disorders ...

Published in: [Journal of Zhejiang University-science B](#) · 2011

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