



## *A case Report of a man with Klinefelter Syndrome Healthy Two Neonate With Normal Karyotype*

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### Background

*Klinefelter syndrome also known as 47, XXY is one of the most prevalent chromosomal abnormalities among men. Infertility could be named as one of the most primary features of this health condition. At the same time, there are some other associated aspects like thin and tall appearance, absent, delayed or incomplete puberty, small and firm testicles, small penis, and gynecomastia.*

### Materials and Methods

*Blood sample from patient was tested by conventional G-banding Karyotype test. Separately, two different expert lab technicians analyzed and interpreted all the spreads, and finally, the abnormal result was recorded.*

### Results

*This study reports a mosaic Klinefelter patient whose karyotype consisted of 47, XXY/46, XY. The only complaint of this couple was two miscarriages, followed by a boy with a normal karyotype who was born who had only taller than the average at the age of two and normal girl.*

### Conclusion

*Being mosaic KS dramatically increases the chances of having healthy offspring with normal genetic patterns compared to males who had complete KS, and these people can hope to have healthy children without performing artificial insemination methods such as IVF.*

### References

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