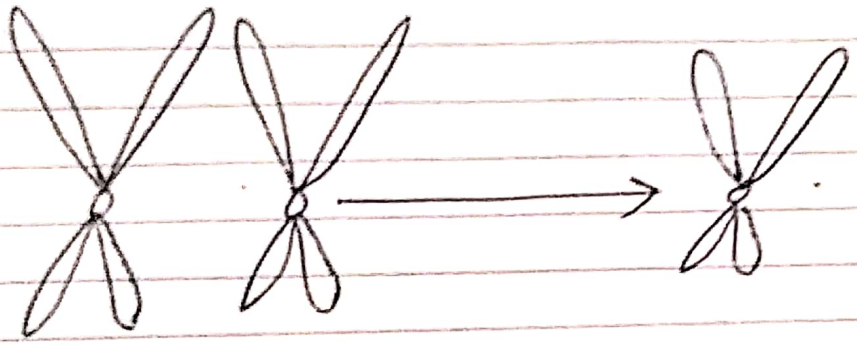
A normal woman has one X-chromosome and one Barr body.
- A Woman with Turner's Syndrome (22AA + X) has one X chromosome without Barr body.
- A female with three X chromosomes has two Barr bodies.
- Normal males have no Barr body.
- But the males with Klinefelter's Syndrome (22AA + XXY) have one Barr body.

Chromosomes	No. of Barr bodies	Sex
22 AA + XY	NO Barr body	Male
22 AA + XX	one Barr body	Female
22 AA + X	No Barr body	Female (Turner's Syndrome)
22 AA + XXY	one Barr body	Male (Klinefelter's Syndrome)

- The fate of the X-chromosome carried in an egg ~~depends~~
- it goes to a male individual or to a female individual.

NOTES- in a female individual they may again have a chance of inactivation while in male they will have no chance of becoming inactive.



Barr body or inactivation of one of the X-chromosomes in females.

2X chromosomes of females

only 1X chromosomes of human female active

NOTES