Triple Point Technology

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How Is Triple X Syndrome Inherited?

- This disorder is not inherited, though comes from a chromosomal mutation during the formation of reproductive cells.
- This mutation happens during cell division of the reproductive cells.

- This error in cell division is called nondisjunction,
- Triple X Syndrome is caused by the individual having an extra X sex chromosome.
- Meaning there are three X sex chromosomes instead of two.
**When and How is Trisomy X Diagnosed**

- Because many girls with triple X syndrome are healthy and have a normal appearance, they may remain undiagnosed all their lives, or the diagnosis may be discovered while checking other issues. (Mayo Clinic Staff, 2015)

- Triple X syndrome can be confirmed by genetic testing — Karyotyping

- Karyotyping is a test to examine chromosomes in a sample of cells. This test can identify the extra X sex chromosome.

- Analysing a patients blood sample will also help to see if trisomy X is present

- If there may be any concern of a child having this disorder, a karyotype will be taken, using amniotic fluid

*Points 2–4 (Haldeman-Englert, 2014)*