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X-Linked Dominant Inheritance

National Cancer Institute (NCI)

Source

National Cancer Institute (NCI). *X-linked dominant inheritance*.

X-linked dominant inheritance refers to genetic conditions associated with mutations in genes on the X chromosome. A single copy of the mutation is enough to cause the disease in both males (who have one X chromosome) and females (who have two X chromosomes). In some conditions, the absence of a functional gene results in the death of affected males.