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# XXXY and XXXXY Syndrome

National Cancer Institute

## Source

National Cancer Institute. *XXXY and XXXXY Syndrome*. NCI Thesaurus. Code C85236.

Rare syndromes caused by chromosomal defects and characterized by the presence of multiple X chromosomes and one Y chromosome. Signs and symptoms include short stature, mental retardation, hypogonadism, undescended testes, gynecomastia, and hypotonia.