

Loss of sex hormone synthesis results in males with XY chromosomes to be externally phenotypically female but lack internal reproductive structures like the uterus and fallopian tubes due to the presence of Mullerian Inhibitory Factor. Mullerian inhibitory factor, also called Anti Mullerian Hormone, inhibits the development of Mullerian ducts in the male embryo which develop to form the Fallopian tubes, uterus, cervix, and upper two third of the vagina in females.

### **XX Externally Phenotypic Female**

[XX above Externally Phenotypic Female](#)

Females with XX chromosomes remain externally phenotypic females with normal internal sex organs.

### **Sexual Infantilism**

[Women with small breasts in a diaper](#)

Females with XX chromosomes remain externally phenotypic females with normal internal sex organs but lack secondary sexual characteristics, commonly called sexual infantilism.