

* you guys did a female version of this in class...
this is the male version

Embryo → XY

Genetically → Male

Gonads → Testes

- ↳ Sertoli cells (support cells) → secretes AMH
- ↳ Leydig cells (steroid cells) → Testosterone
- ↳ sperm

Tract → Mesonephric ducts (Wolffian ducts)

X[Y] → SRY gene → SRY Protein → AMH (Anti-Müllerian Hormone) is produced

↓
paramesonephric (Müllerian) duct will regress

Urogenital Sinus (gives rise to external genitalia)
↳ Testes

Mesonephric ducts (Wolffian ducts)
↳ Epididymis and ductus deferens

Hypothalamus ONLY Tonic forms

↓
αFP doesn't bind to Testosterone

↓
Testosterone enters brain through blood-brain barrier (BBB)

↓
Testosterone becomes aromatized into estrogen, causing brain to "defeminize"