Female Genital Development
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- Normal development
- Duplication
- Agenesis
- UG Sinus
- Imperforate hymen
- CAH
HD-12: Female Genital Development

Hypospadias

Hypospadias repair

- Paramesonephric duct
  - A.K.A. Mullerian Duct
  - Becomes future
    - Fallopian tubes
    - Uterus
    - Upper 2/3 vagina

VAGINAL AND UTERINE DUPLICATION
HD-12: Female Genital Development

- **Bicornuate Uterus**
- **Didelphys uterus**
- **Unicornuate Uterus**
- **Complete Vaginal Duplication**

- **Symptom**
  - Blood persists despite tampon during menses
  - Upper vagina fills with blood during menses
Mayer-Rokitansky-Küster-Hauser Syndrome

1 in 5,000 births

VAGINAL AGENESIS

Normal Hymenal Ring

Imperforate hymen

Mucous due to maternal hormones
HD-12: Female Genital Development

Intra-op drainage of imperf hymen

UROGENITAL SINUS

CONGENITAL ADRENAL HYPERPLASIA (CAH)

CAH 46 XX
Association with Urinary Tract Anomalies

- Renal agenesis
- Ectopic ureters