

## 8a. FEMALE UROGENITAL SINUS - terminology

### **DIVISIONS OF FEMALE UROGENITAL SINUS:**

*Urorectal septum* divides cloaca into posterior rectum and anterior primitive urogenital sinus (UGS).

*Lower border of the sinus bulb* (Müllerian tubercle), divides the primitive urogenital sinus into *vesicourethral canal* above and *definitive urogenital sinus* below.

### **Primitive urogenital sinus:**

- a) *Vesicourethral canal*
- b) *Definitive urogenital sinus/vestibule*

### **Vesicourethral canal:**

- a) *Upper part:* allantoic diverticulum (urachus)
- b) *Middle part:* urinary bladder
- c) *Lower part:* bladder neck, glandular urethra, membranous urethra.

### **Definitive urogenital sinus/vestibule:**

*Perineal part:* Between the vestibular bodies and proximal to the suspensory ligament of the clitoris.

- a) *Posterior section of vestibule (endoderm):* under *colliculus feminalis\** which presents the introitus of the vagina, and the openings of Gartner's ducts.
- b) *Middle section of vestibule (endoderm):* area under the distal urethral meatus and proximal to the suspensory ligament of the clitoris.

*Phallic part:* Distal to the suspensory ligament of the clitoris.

- c) *Anterior section of vestibule: Under pars intermedia,* above the frenulum of the clitoris.

\*Colliculus feminalis, posterior to membranous urethra, contains distal end of Gartner's ducts and lower end of vagina. Membranous urethra and distal ends of Gartner's ducts are inside lissosphincter of distal sphincteric complex (DSC. Membranous urethra, distal ends of Gartner's ducts and lower end of vagina, inside DSC.

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