

General Female Genital System

The female genital organs consists of –

- Paired ovaries
- Paired uterine tubes,
- Uterus,
- Vagina,
- Vaginal vestibule,
- External genitalia: vulva, clitoris (homologous to penis) and
- Accessory gland (mammary gland)

Ovaries:

Function:

- Exocrine function: Oogenesis (Production of ova/oocyte)
- Endocrine function: Hormone production.

Location:

- Dorsal abdominal wall (sublumbar region)-horse, dog and cat
- In ruminants- cranial to the pelvic inlet

Shape and Size:

Almond/Ellipsoidal shaped in all domestic animals except in mare (bean/kidney shaped)

Weight: In horse: 70-90 gm; In ox 11-18 gm; Sheep/goat 2-3gm; Dog: 3-12 gm

Surface: Presence of follicles and Corpus luteum (CL)

Structure of the ovaries:

- Consists of outer cortex and inner medulla except in horse.

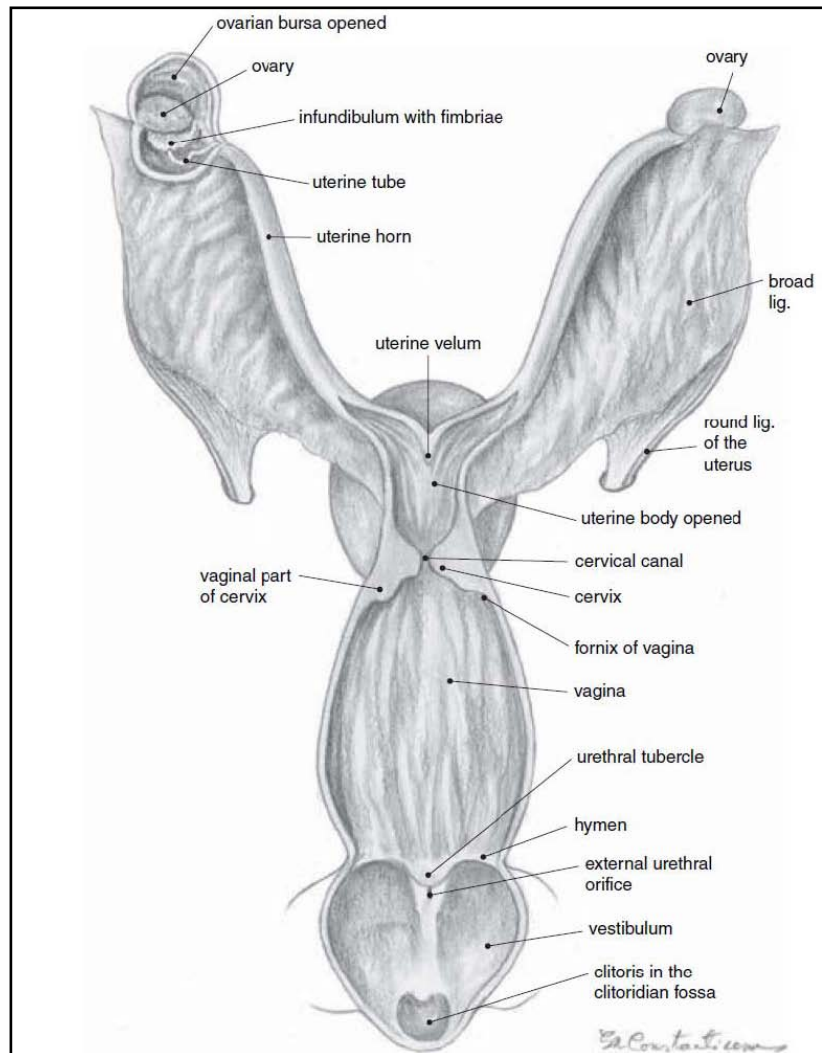


Figure 1 Genital system of bitch