

Reproductive Anatomy Unit Objectives: By the end of this unit, students will be able to...

- Identify the following from both images of the reproductive tract as well as by their descriptions: uterus, vulva, oviduct, cervix, and vagina.
- List the causes of reproductive inefficiency in livestock.
- Compare and contrast natural and artificial insemination.
- Explain how each of the following change during estrus: vulva; oviduct; vagina; ovary.
- Identify and explain the purpose (if any) of each of the following cervical structures:
 - a. Fornix
 - b. Annular Rings
 - c. Mucus Plug
- Identify and explain the purpose (if any) of each of the following uterine tissues:
 - a. Perimetrium
 - b. Myometrium
 - c. Endometrium
 - d. Caruncles
- Identify and explain the purpose (if any) of each of the following regions in the oviduct:
 - a. UTJ
 - b. Isthmus
 - c. Ampulla
 - d. Infundibulum
- Identify and explain the purpose (if any) of each of the following ovarian structures:
 - a. Ova
 - b. Follicles
 - c. Corpus Luteum
- List and describe the signs of estrus in a cow.
- Summarize the causes, symptoms, and implications of each of the following disorders:
 - a. Ovarian Cyst
 - b. Anestrus
 - c. Freemartin
 - d. Blind/Closed Cervix
 - e. Dystocia
 - f. Metritis
 - g. Retained Placenta
 - h. Anestrus
 - i. Uterine Prolapse
 - j. Vaginal Prolapse
 - k. Repeat Breeding