

Female Reproductive Anatomy:

Structure	Definition	Function
Germinal Epithelium		
Tunica Albuginea		
Cortex		
Medulla		
Hilus		-----

What's the difference between the mare's ovary and any other species' ovary?

What is the difference in cervical mucus under estrogen and progesterone?

Lumen	
Mucosa	
Submucosa	
Circular Smooth Muscle	
Longitudinal Smooth Muscle	
Serosa	

What are the three areas of the broad ligament and what do they do?

Ovarian Follicles:

Primordial Follicle	
Primary Follicle	
Secondary Follicle	
Tertiary/Graafian/ Antral Follicle	

Estrous Cycle:

Types of Estrous Cyclicity	Definition	Species
Polyestrus		
Seasonally Polyestrus		
Monoestrus		
Anestrus		

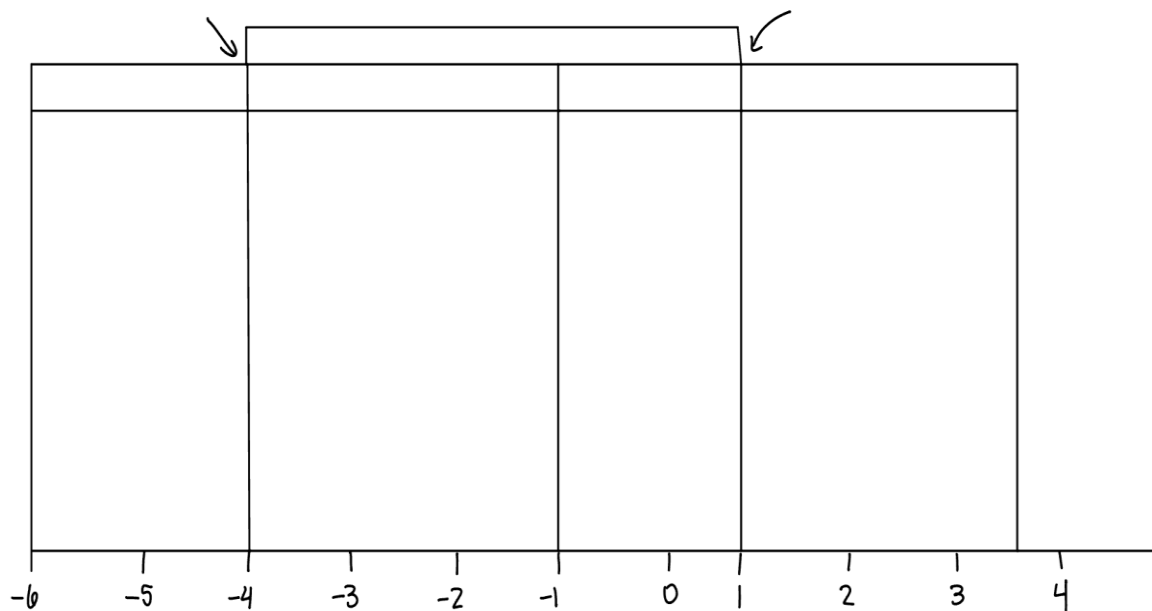
What are the different phases of the estrous cycle?

What causes ovulation?

What is Luteolysis?

How are the menstrual and estrous cycles the same? What are the differences between the two cycles?

What is the hormonal pattern of the estrous cycle?



Follicular Phase:

What are the major events of the follicular phase?

What are the two stages that comprise the follicular phase?

What is the dominant structure and hormone of the Follicular Phase?

What percentage of the estrous cycle consists of the follicular phase?

What are the 5 events of folliculogenesis?

What's the difference between pre-antral follicle growth and antral follicle growth?

What is the 2-cell/2-gonadotropin model?

What are the follicular dynamics of antral follicles?

Luteal Phase:

What are the two stages that comprise the luteal phase?

What is the dominant structure and hormone of the Luteal Phase?

Explain the difference between small and large luteal cells:

Type of Luteal Cell	Original Cells	Hormones Produced	Receptors	Development
Large Luteal Cells				
Small Luteal Cells				

What are two ways luteolysis occurs?

