

Unit Four Homework Assignment

Female and Male Reproductive System (C27 / C28) - V4

2023/12/1

Ovulation & Menstrual Cycles: Overview (11 min)

1. What do females have in their ovaries before birth? How many? Type of cell?
2. What happens before puberty?
3. What hormone begins to be released from the hypothalamus at puberty? Target tissue? Effect?
4. What hormone is produced by the developing follicle during the follicular phase?
5. What happens to estrogen levels in blood mid follicular phase? What type of regulation occurs? Results in?
6. What occurs during late follicular phase associated with the Graffian follicle?
7. What occurs at day 14 as a result of the LH surge?
8. What hormone is being produced by the anterior pituitary during the luteal phase? Target tissue? Target tissue produces what?
9. What two ovarian hormones are in the blood after ovulation? Target tissue?
10. What are the three phases of the menstrual cycle? Days occurring?
11. What is shed during the menstrual phase?
12. What hormone is most important to the uterus during the proliferative phase? Results in?
13. What is the primary hormone released by the corpus luteum after ovulation? Target tissue? Results in?
14. What hormone is not produced by the follicle if it is not fertilized? Target tissue for this hormone? Target tissue then does not produce? Results in?