

LAB 10: REPRODUCTIVE SYSTEMS

ACTIVITY 20: MALE REPRODUCTIVE ANATOMY

INDICATE LEFT/RIGHT WHERE APPLICABLE & ARTERY/VEIN WHERE APPLICABLE ON QUIZ/EXAM

Use the male reproductive models to locate these structures.

MALE REPRODUCTIVE ANATOMY

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| 1. Testis (left/right) | <i>12-20 also found on female models</i> |
| 2. Epididymis | |
| 3. Ductus (vas) deferens | 12. Common iliac artery (left/right) |
| a. Inguinal canal | 13. Common iliac vein (left/right) |
| b. Ejaculatory duct | 14. Internal iliac artery (left/right) |
| 4. Urethra | 15. Internal iliac vein (left/right) |
| a. Prostatic | 16. External iliac artery (left/right) |
| b. Membranous | 17. External iliac vein (left/right) |
| c. Spongy | 18. Urinary bladder |
| 5. Seminal vesicles (left/right) | 19. Ureter (left/right) |
| 6. Prostate gland | 20. Aorta |
| 7. Bulbourethral gland (Cowper's gland) (left/right) | 21. Inferior vena cava |
| 8. Spermatic cord | 22. Pelvic structures |
| 9. Cremaster muscle | a. Pubic symphysis |
| 10. Scrotum | b. Obturator foramen |
| 11. Penis | c. Ilium |
| a. Shaft (body) | d. Ischium |
| b. Glans penis | e. Pubis |
| c. Neck | |
| d. Corpora cavernosa | |
| e. Corpora spongiosum | |
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LAB 10: REPRODUCTIVE SYSTEMS

ACTIVITY 21: FEMALE REPRODUCTIVE ANATOMY

INDICATE LEFT/RIGHT WHERE APPLICABLE & ARTERY/VEIN WHERE APPLICABLE ON QUIZ/EXAM

Use the female reproductive models to locate these structures.

FEMALE REPRODUCTIVE ANATOMY

1. Ovaries (left/right)
 - a. Ovarian ligaments (left/right)
2. Uterine (fallopian) tubes (left/right)
 - a. Fimbriae
 - b. Infundibulum
 - c. Ampulla
 - d. Isthmus
3. Uterus
 - a. Fundus
 - b. Body
 - c. Cervix
 - d. Cervical cavity (canal)
 - e. Uterine cavity
 - f. Perimetrium
 - g. Myometrium
 - h. Endometrium
 - i. Round ligament
 - j. Internal os
 - k. External os
4. Vagina
 - a. Anterior fornix
 - b. Posterior fornix
5. Vulva (*external genitalia—NOT an organ*)
 - a. Labia minora
 - b. Labia majora
 - c. Urethral orifice
 - d. Vaginal orifice
 - e. Clitoris
6. Ovarian artery (left/right)
7. Ovarian vein (left/right)
8. Rectouterine pouch (Pouch of Douglas)

Note: Blood vessels, renal structures, and pelvic bones from the male models can also be tested on the female models

LAB 10: REPRODUCTIVE SYSTEMS

Trace the pathway of sperm from the seminiferous tubules until it leaves the body:

Trace the pathway of a secondary oocyte from the ovary until the baby is delivered:

Trace the pathway of sperm from the seminiferous tubules into the female reproductive system to the location of fertilization and then implantation:
