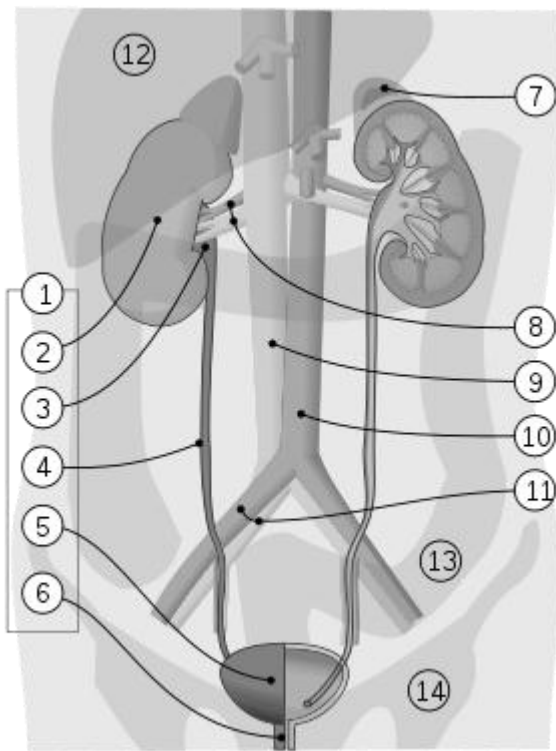


The worksheet below is adapted from

- A. Fundamentals of Anatomy and Physiology (9th Ed) by Martin et al
- B. Human Anatomy and Physiology Lab Manual (9th Ed) by Marieb and Mitchell

The Urinary System

1. The role of the urinary system is to _____



Name parts of the urinary system,
2-6:

2. _____

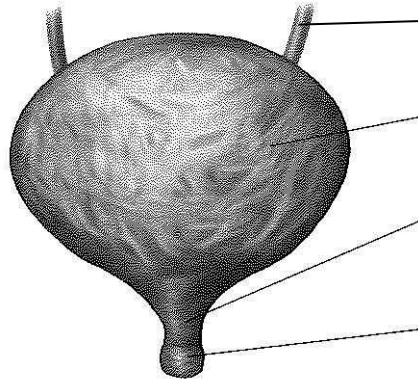
3. _____

4. _____

5. _____

6. _____

2. Fill in the blanks for the diagram below (bladder):



3. Discuss the role and location of the bladder _____

4. Briefly describe the function and regulation of the detrusor muscle _____

5. Briefly describe the function and regulation of the internal and external sphincters

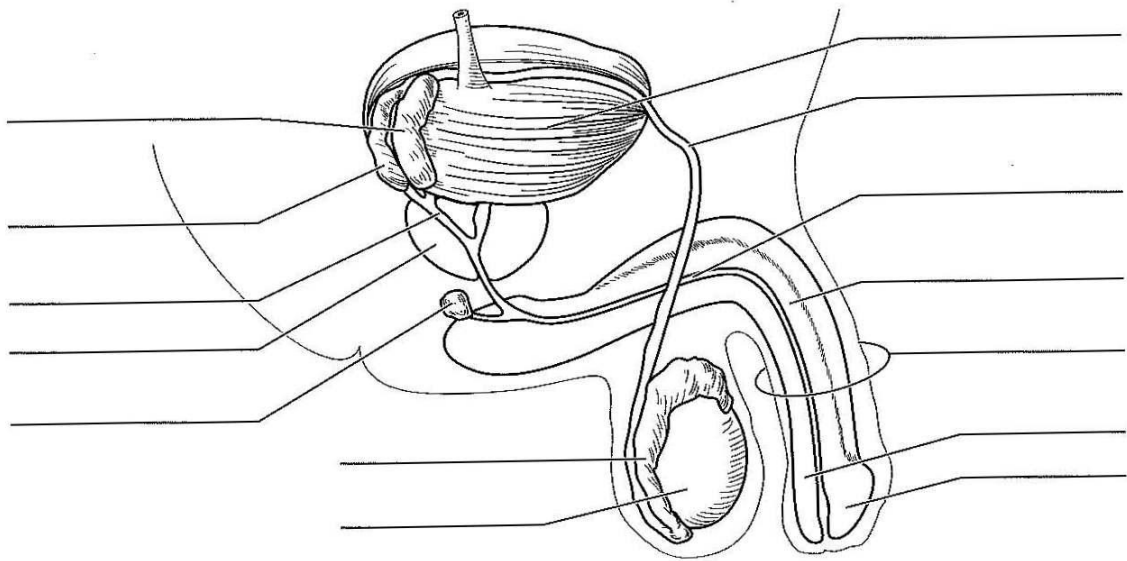
6. When the sphincters malfunction what type of problem would you expect to observe?

The Male GU system

7. The role of the male genitals is to _____

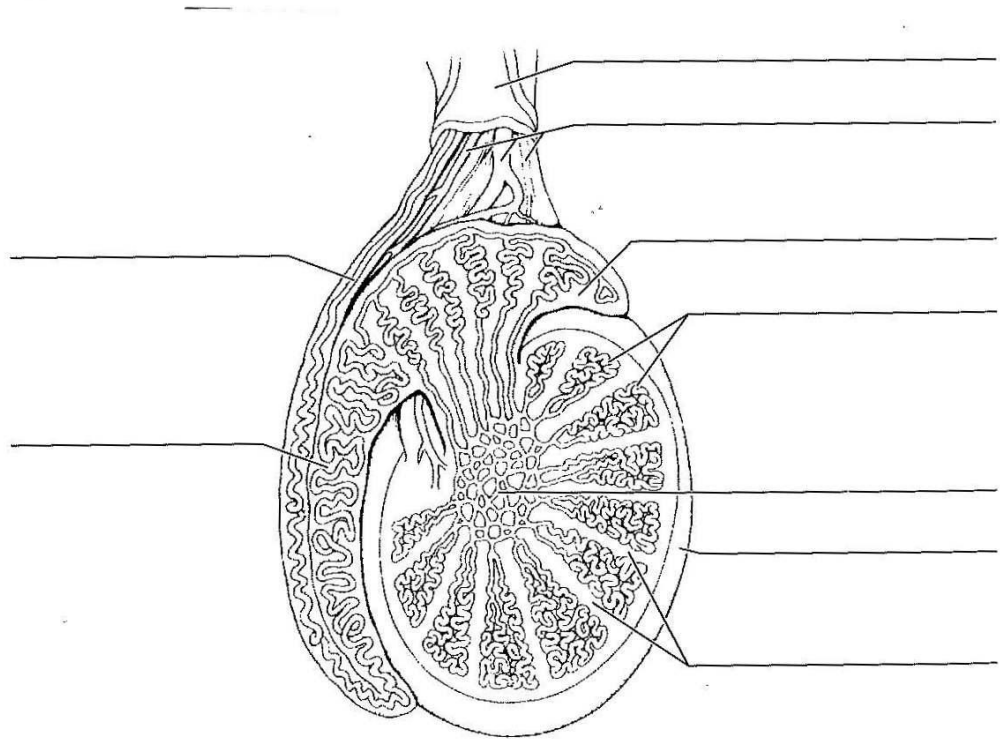
8. Fill in the blanks:

Reproductive organs of the human male (sagittal view)



9. Sagittal section of the human testis

Fill in the blanks:



10. List the 2 major functions of the testes _____

11. What is the functional significance of the scrotum? _____

12. What role does the epididymis play _____

13. Place the structures labeled in questions 8 & 9 in the correct order in terms of the pathway sperm takes from testes to urethra

14. Name the accessory glands and state their role in production of semen.

a. _____

b. _____

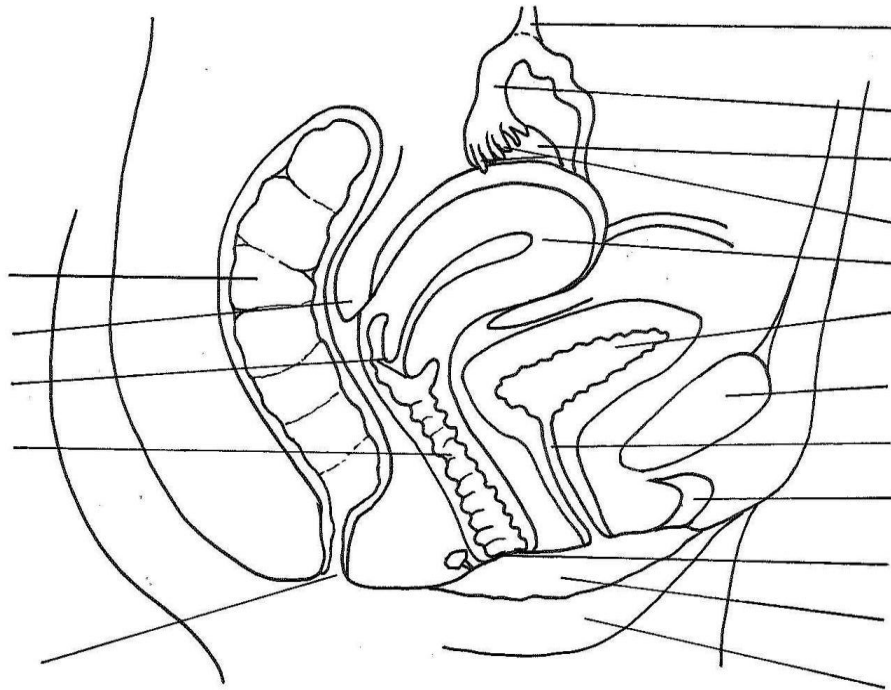
c. _____

15. Name a disease associated with the male GU system.

The Female GU system

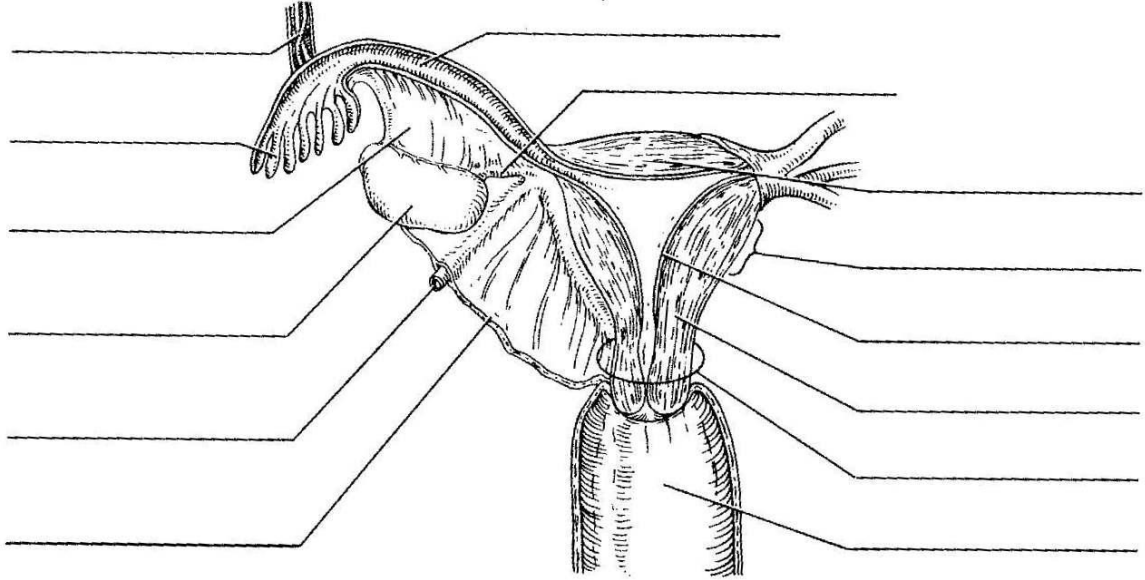
16. The role of the female genitals is to _____

17. Fill in the blanks:
Reproductive organs of the female male (sagittal view)



18. Fill in the blanks:

Frontal section of a portion of the female reproductive system



19. Briefly describe the function of the following structures:

a. Vagina _____

b. Ovary _____

c. Fimbriae _____

d. Fallopian tubes _____

e. Uterus _____

f. Ligaments _____

20. Name and briefly describe the 3 stages of the menstrual cycle:

21. The menstrual cycle is hormonally controlled by 2 hormones called _____ and _____.

22. What is ovulation and how is it regulated? _____

23. In what region of the female reproductive system does fertilization normally occur?

24. What is an ectopic pregnancy? _____

25. Name a disease associated with the female reproductive system.