Instructor Set up

Station One: **Fetal pig specimen**

Question 1: Male

Question 1: Female

Question 2: Question: d. kidney

Question 2: Question: c. Nephron

Station Two:

Question 3: Image: Proximal Convoluted Tubule

Question 3: Image: Distal Convoluted Tubule

Question 3: Image: Collecting Duct

Station Three:

Question 4: Image: lobule of testis

Question 4: Image: rete testis

Question 4: Image: seminiferous tubules

Question 5: Question: ejaculatory duct

Question 5: Question: prostatic urethra

Question 5: Question: penile (or spongy) urethra

Station Four

Question Six: **Microscope**: Ovarian Cortex

Question Six: **Microscope**: Interstitial cells

Question Seven: Image: directional terms

Snout: b. anterior

Umbilicus: b. ventral

Tail: e. caudal

Spine: a. dorsal

Station Five

**Fetal pig specimen**

Question Eight: marker at stomach

Question Eight: marker at duodenum

Question Eight: marker at colon

Question Nine: Image: c. clitoris

Question Nine: Image: b. External Urethral Orifice

Question Nine: Image: c. Vestibular (Bartholin’s) Glands

Station Six

Question Ten: **Microscope**: Urinary bladder slide, transitional epithelium in view

Question Eleven: Image: Testis

Question Eleven: Image: Ovary

Station Seven

Question Twelve: **Kidney**: marker at a. renal pyramid

Question Twelve: **Kidney**: marker at c. column

Question Thirteen: Image: a. primordial follicle

Question Thirteen: Image: e. corpus albicans

Question Thirteen: Image: c. corpus luteum

Station Eight

Question Fourteen: **Microscope**: Kidney cortex @ 400X for (a) renal corpuscle

Question Fifteen: Image: d. Areola

Question Fifteen: Image: b. Lactiferous duct

Question Fifteen: Image: b. Lactiferous sinus

Station Nine

Question Sixteen: Human Torso Model: Marker at renal artery

Question Sixteen: Human Torso Model: Marker at renal vein

Question Seventeen: Question: b. cilia

Question Seventeen: Question: d. fertilization

Station Ten

Question Eighteen: **Fetal Pig**: Marker at thymus

Question Eighteen: **Fetal Pig**: Marker at thyroid gland

Question Nineteen: Image: e. bulbourethral gland

Question Nineteen: Image: c. prostate gland

Question Nineteen: Image: a. seminal vesicle

Station Eleven

Question Twenty: **Kidney**: Marker at cortex

Question Twenty: **Kidney**: Marker at medulla

Question Twenty one: Image: b. trigone

Question Twenty one: Image: c. Detrusor muscle

Station Twelve

Question Twenty two: Image: d. cavernosum

Question Twenty two: Image: c. spongiosum

Question twenty three: **Fetal pig**: Marker at Aorta (near heart)

Question twenty three: **Fetal pig**: Marker at Right Ventricle

Station Thirteen

Question twenty four: **Fetal** **pig**: Marker at Liver

Question twenty four: **Fetal** **pig**: Marker at Lung

Question twenty five: Image: d. fimbriae

Question twenty five: Image: b. infindibulum

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

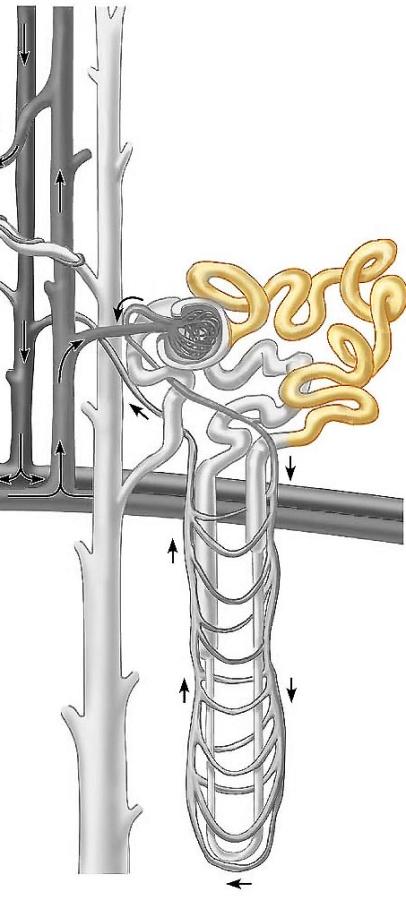
1. Circle one: male female
2. Circle one: a b c d e
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Circle one: a b c d e
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. Circle one: a b c d e
8. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
9. Circle one: a b c d e
10. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
11. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
12. Circle one: a b c d e
13. Circle one: a b c d e
14. Circle one: a b c d e
15. Circle one: a b c d e
16. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
17. Circle one: a b c d e
18. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
19. Circle one: a b c d e
20. Circle one: a b c d e
21. Circle one: a b c d e
22. Circle one: a b c d e
23. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
24. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
25. Circle one: a b c d e

Station One

1. Is this fetal pig male or female?
2. Which is the primary organ of the renal system?
   1. Adrenal gland
   2. Glomerulus
   3. Juxtaglomerular apparatus
   4. Kidney
   5. Urinary bladder

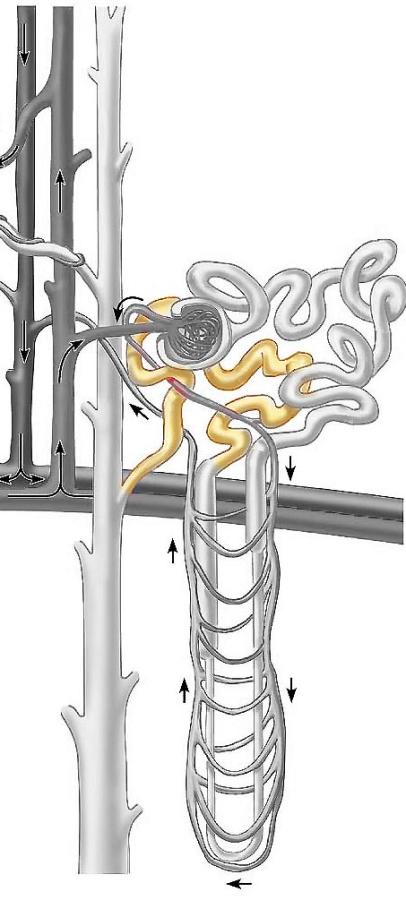
Station One

1. Is this fetal pig male or female?
2. Which structure acts as the functional unit within the kidney
   1. Fovea centralis
   2. Macula profunda
   3. Nephron
   4. Renal pelvis
   5. Collecting duct

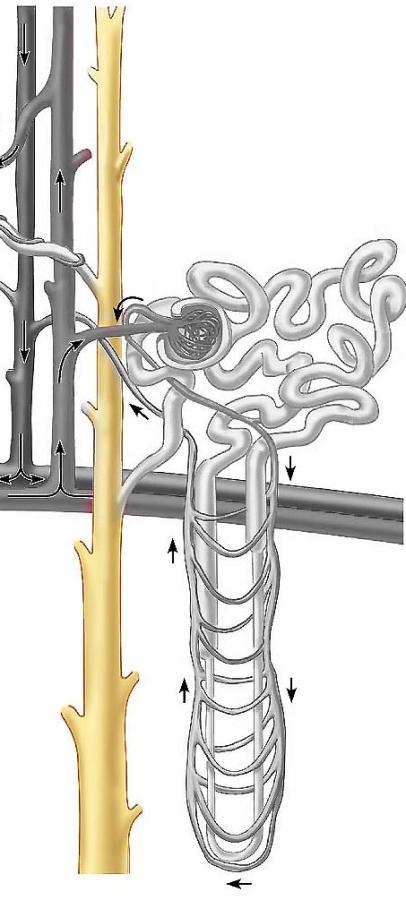
Station Two

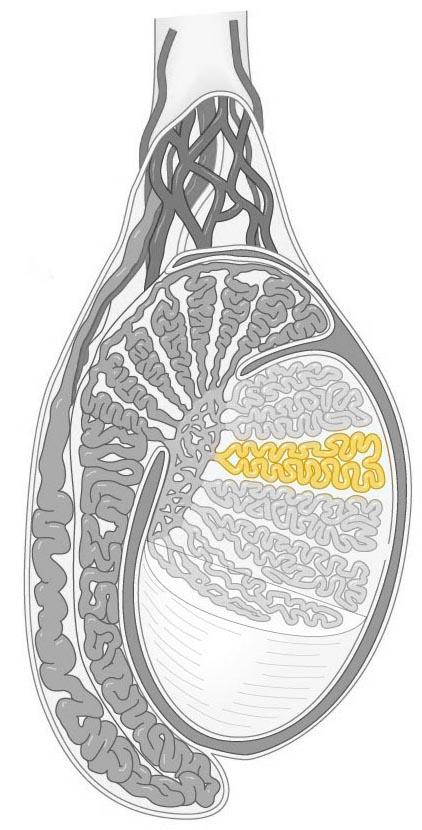
1. Identify the structure. Write the full name (no abbreviations) on your answer sheet.

Station Two

3.  Identify the structure. Write the full name (no abbreviations) on your answer sheet.

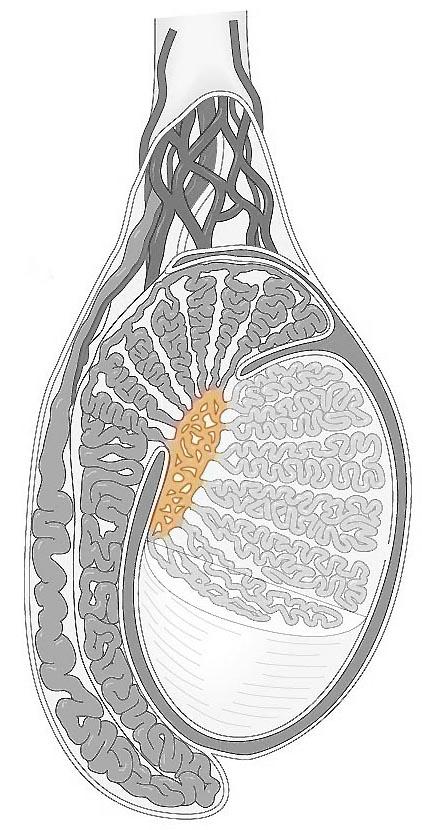
Station Two

3.  Identify the structure. Write the full name (no abbreviations) on your answer sheet.

Station Three

1. Identify the image
   1. Ovarian cortex
   2. Rete testis
   3. Lobule of testis
   4. Adrenal medulla
   5. Interstitial tubules
2. Identify the structure missing in the sequence below

**Vas deferens 🡪 \_\_\_\_\_\_\_\_\_\_\_\_\_ 🡪 prostatic urethra 🡪 membranous urethra 🡪 penile urethra**

Station Three

4. Identify the image

* 1. Ovarian cortex
  2. Rete testis
  3. Lobule of testis
  4. Adrenal medulla
  5. Interstitial tubules

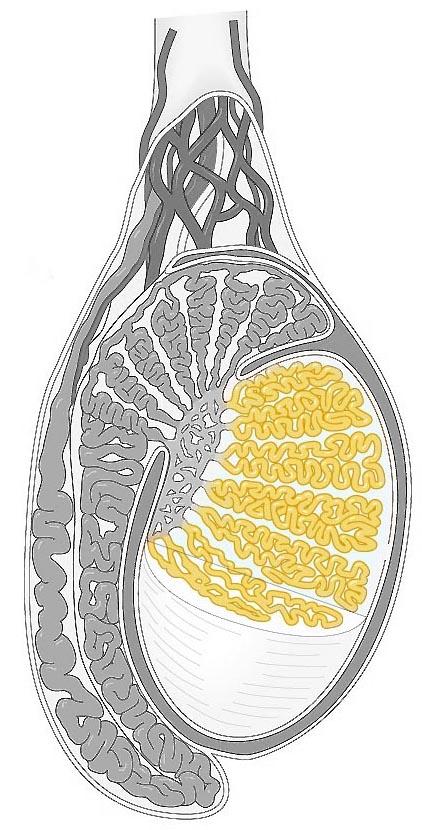
1. Identify the structure missing in the sequence below

**Vas deferens 🡪 ejaculatory duct 🡪 \_\_\_\_\_\_\_\_\_\_\_\_\_\_🡪 membranous urethra 🡪 penile urethra**

Station Three

4. Identify the image

* 1. Ovarian cortex
  2. Rete testis
  3. Seminiferous tubules
  4. Adrenal medulla
  5. Interstitial cells



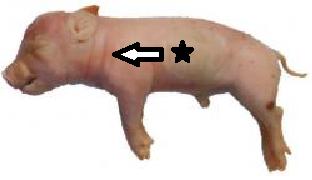
5. Identify the structure missing in the sequence below

**Vas deferens 🡪 ejaculatory duct 🡪 prostatic urethra 🡪 membranous urethra 🡪 \_\_\_\_\_\_\_**

Station Four

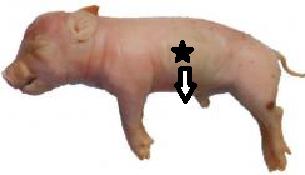
6. Identify the image in the field of view

7. Use the star on the fetal pig as your starting point. If you locate a structure in the direction of the arrow, for example, the snout, which directional term is most appropriate?

1.  Dorsal
2. Ventral
3. Anterior
4. Posterior
5. Caudal

Station Four

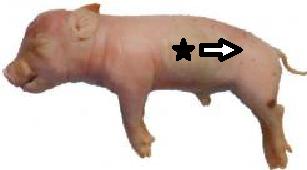
6. Identify the image in the field of view

7. Use the star on the fetal pig as your starting point. If you locate a structure in the direction of the arrow, for example, the umbilicus, which directional term is most appropriate?

1. Dorsal
2. Ventral
3. Anterior
4. Posterior
5. Caudal

Station Four

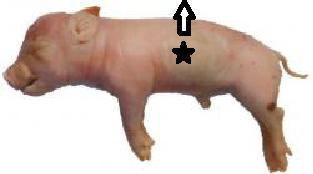
6. Identify the image in the field of view

7. Use the star on the fetal pig as your starting point. If you locate a structure in the direction of the arrow, for example, the tail, which directional term is most appropriate?

1. Dorsal
2. Ventral
3. Anterior
4. Cranial
5. Caudal

Station Four

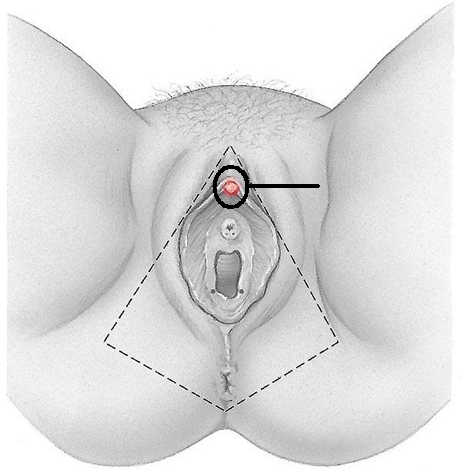
6. Identify the image in the field of view

7. Use the star on the fetal pig as your starting point. If you locate a structure in the direction of the arrow, for example, the spine, which directional term is most appropriate?

1. Dorsal
2. Ventral
3. Anterior
4. Cranial
5. Caudal

Station Five

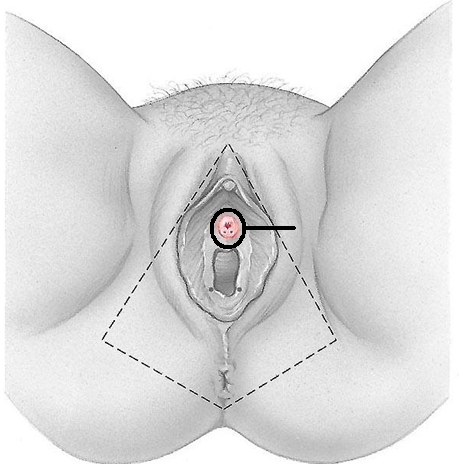
1. Identify the structure on the fetal pig
2. Identify the structure in the image



* 1. Labia minora
  2. Mons pubis
  3. Clitoris
  4. Fornix
  5. External os

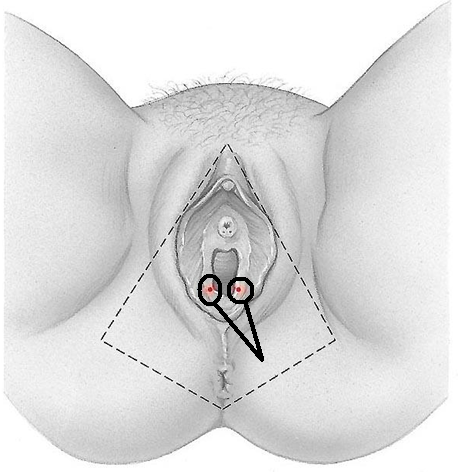
Station Five

1. Identify the structure on the fetal pig
2. Identify the structure in the image
3. Labia majora
4. External urethral orifice
5. Vaginal canal
6. Peroneal apex
7. Prepuce



Station Five

1. Identify the structure on the fetal pig
2. Identify the structure(s) in the image
3. Fornix
4. Anal glands
5. Vestibular glands
6. Mons pubis
7. Internal os



Station Six

1. Identify the image in the field of view
2.  Identify the structure

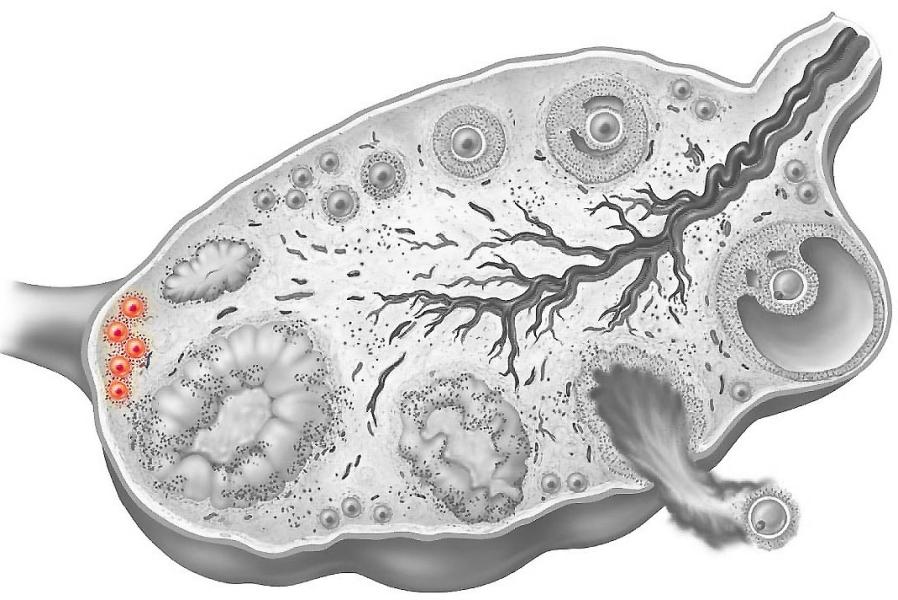
Station Six

10 Identify the image in the field of view

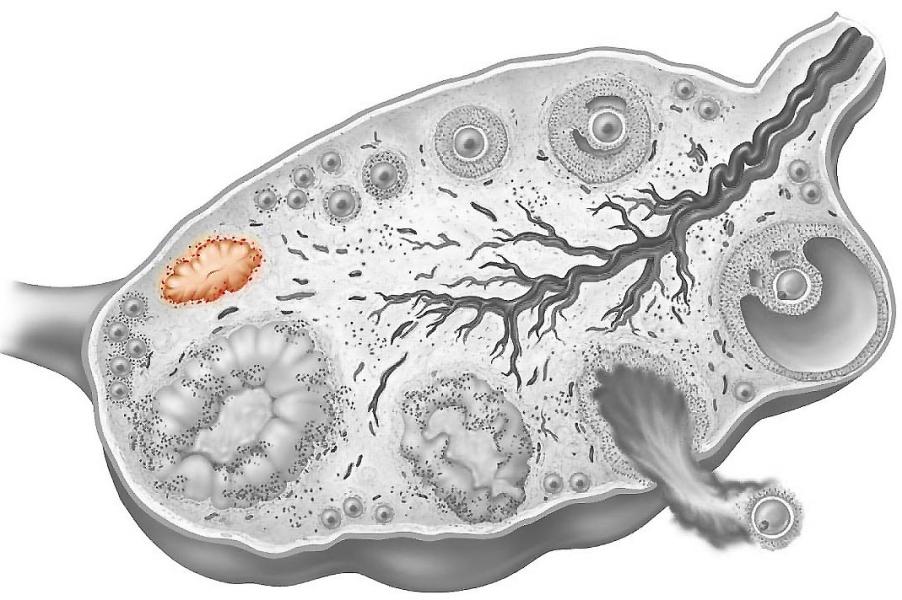
11. Identify the structure



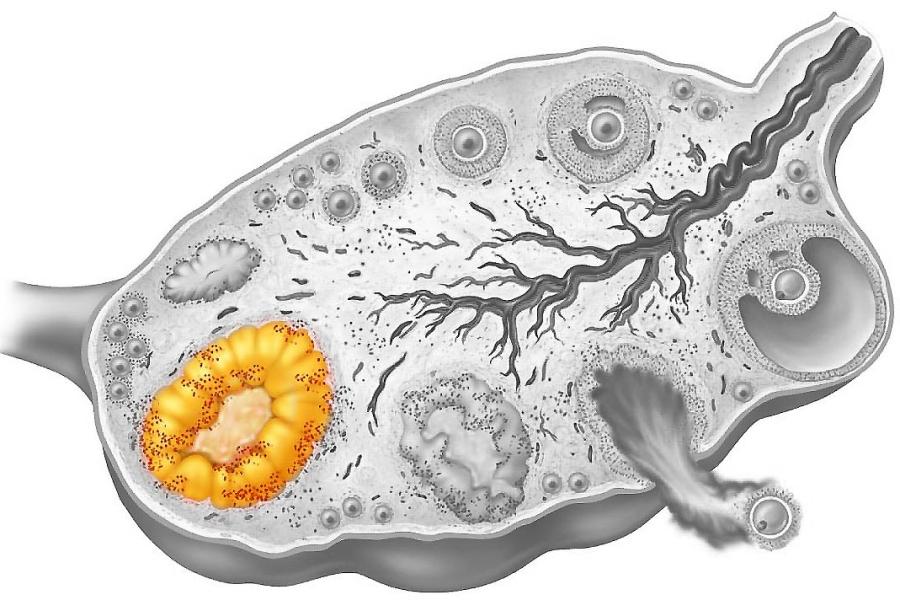
Station Seven

1. Identify the structure at the marker
2. Renal pyramid
3. Renal pelvis
4. Renal Column
5. Renal papilla
6. Renal capsule
7. Identify the structure on the image
8.  Primordial follicle
9. Primary follicle
10. Secondary follicle
11. Secondary oocyte
12. Corpus albicans

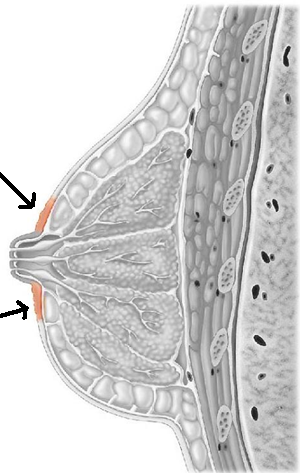
Station Seven

1. Identify the structure at the marker
2. Renal pyramid
3. Renal pelvis
4. Renal Column
5. Renal papilla
6. Renal capsule
7.  Identify the structure on the image
8. Primordial follicle
9. Secondary oocyte
10. Corpus luteum
11. Graafian follicle
12. Corpus albicans

Station Seven

1. Identify the structure at the marker
2. Renal pyramid
3. Renal pelvis
4. Renal Column
5. Renal papilla
6. Renal capsule
7.  Identify the structure on the image
8. Primordial follicle
9. Secondary oocyte
10. Corpus luteum
11. Graafian follicle
12. Corpus albicans

Station Eight

1. Identify the structure in the field of view
   1. Renal corpuscle
   2. Secondary follicle
   3. Graafian follicle
   4. Seminiferous tubule
   5. Transitional epithelium
2. Identify the structure
   1. Nipple
   2. Lactiferous duct
   3. Alveolar lobe
   4. Areola
   5. Adipose layer

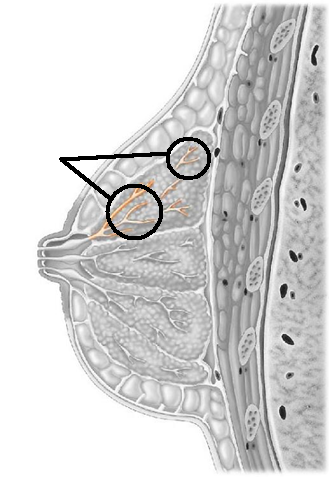
Station Eight

14. Identify the structure in the field of view

1. Renal corpuscle
2. Secondary follicle
3. Graafian follicle
4. Seminiferous tubule
5. Transitional epithelium

15. Identify the structure

1. Nipple
2. Lactiferous duct
3. Alveolar lobe
4. Areola
5. Adipose layer



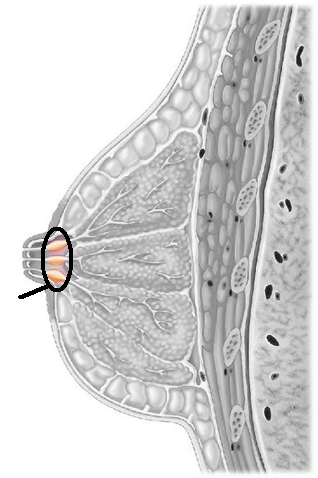
Station Eight

14. Identify the structure in the field of view

1. Renal corpuscle
2. Secondary follicle
3. Graafian follicle
4. Seminiferous tubule
5. Transitional epithelium

15. Identify the structure

1. Gubernaculum
2. Lactiferous sinus
3. Alveolar lobe
4. Areola
5. Adipose layer



Station Nine

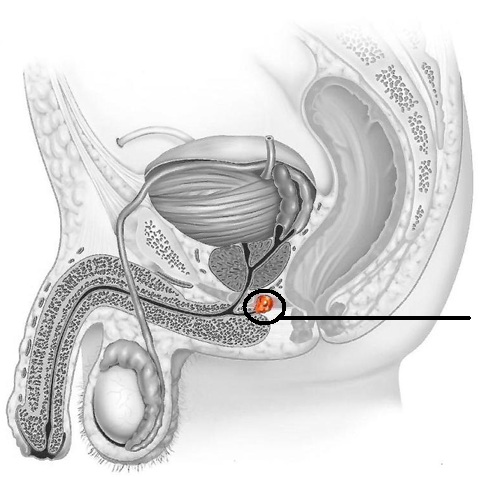
1. Identify the image at the marker
2. Which structure in the lining of the fallopian tube assists with the transportation of the oocyte?
   1. Flagella
   2. Cilia
   3. Microvilli
   4. Mucus
   5. Papillae

Station Nine

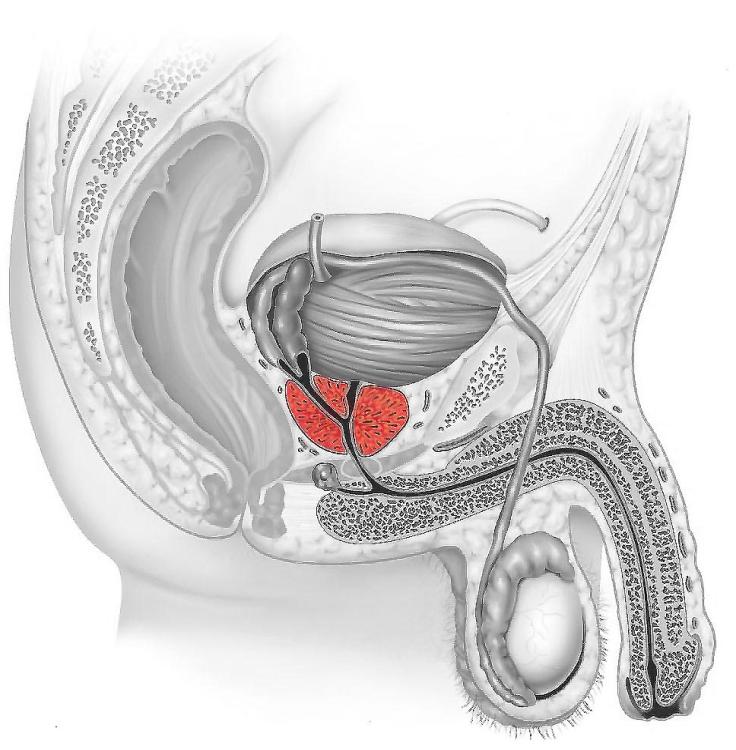
1. Identify the image at the marker
2. Which event is necessary for the final meiotic division of the oocyte?
   1. Elevated FSH
   2. An acrosomal reaction
   3. Depressed progesterone levels
   4. Fertilization
   5. Gastrulation

Station Ten

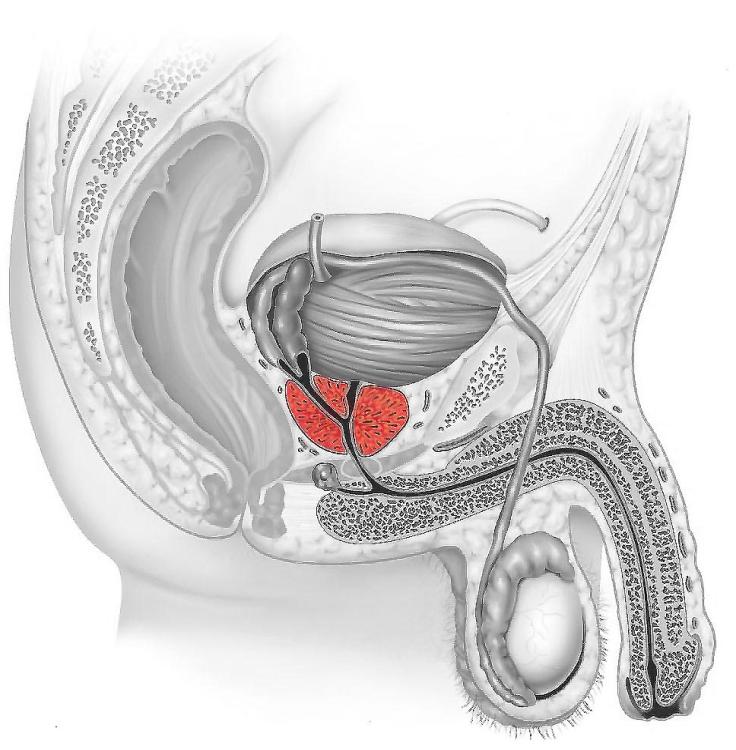
1. Identify the **region** at the marker
2. Identify the structure
   1. Seminal vesicle
   2. Vestibular gland
   3. Prostate gland
   4. Epididymis
   5. Bulbourethral gland



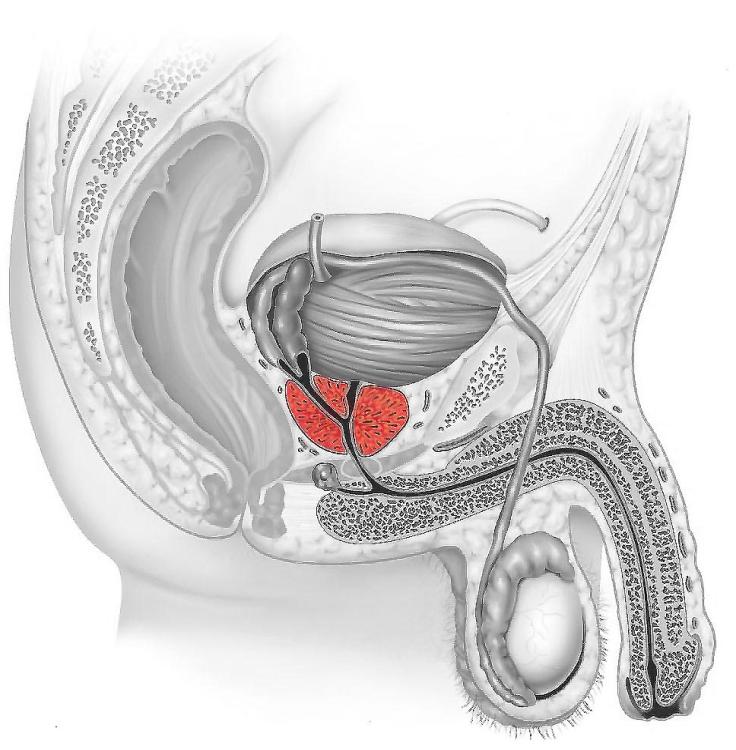
Station Ten

1. Identify the **region** at the marker
2. Identify the structure
   1. Seminal vesicle
   2. Vestibular gland
   3. Prostate gland
   4. Epididymis
   5. Bulbourethral gland

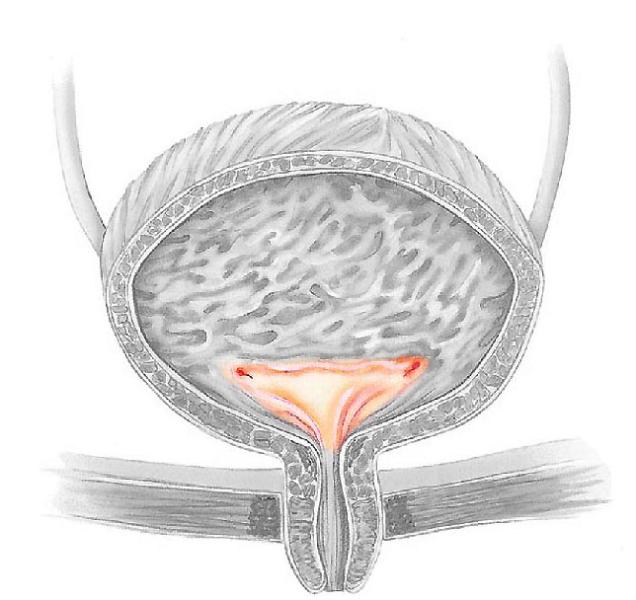
Station Ten

1. Identify the **region** at the marker
2. Identify the structure
   1. Seminal vesicle
   2. Vestibular gland
   3. Prostate gland
   4. Epididymis
   5. Bulbourethral gland

Station Ten

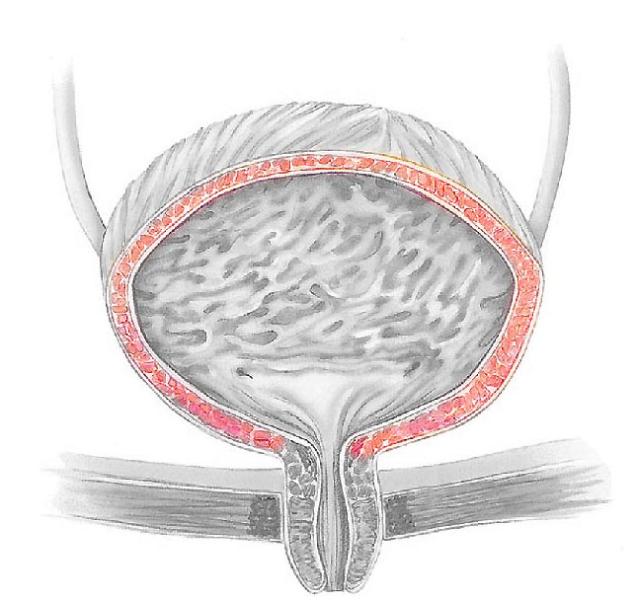
1. Identify the **region** at the marker
2. Identify the structure
   1. Seminal vesicle
   2. Vestibular gland
   3. Prostate gland
   4. Epididymis
   5. Bulbourethral gland

Station Eleven

1. Identify the region in which the marker is located
   1. Capsule
   2. Glomerulus
   3. Cortex
   4. Hilum
   5. Medulla
2. Identify the structure
   1.  Internal urethral sphincter
   2. Trigone
   3. Internal os
   4. External os
   5. External urethral sphincter

Station Eleven

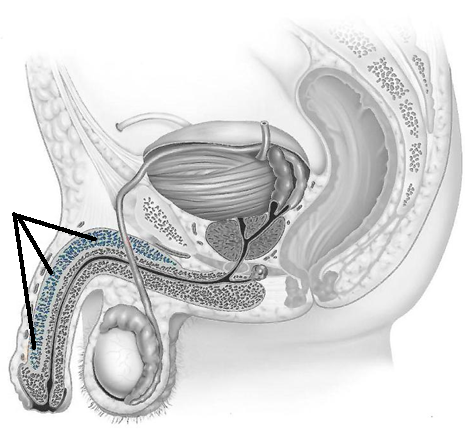
1. Identify the region in which the marker is located
   1. Capsule
   2. Glomerulus
   3. Cortex
   4. Hilum
   5. Medulla



1. Identify the structure
   1. Internal urethral sphincter
   2. Trigone
   3. Detrusor muscle
   4. External urethral sphincter
   5. External adventitia

Station Twelve

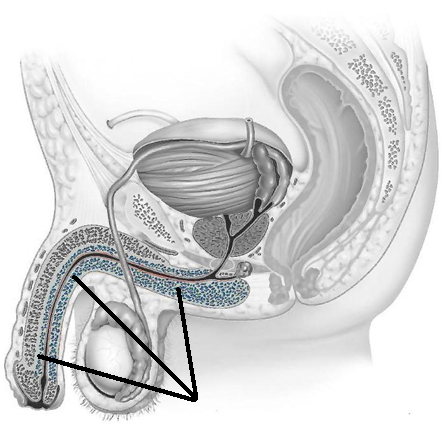
1. Identify the structure
   1. Prepuce
   2. Glans penis
   3. Corpus spongiosum
   4. Corpus cavernosum
   5. Gubernaculums



1. Identify the structure at the marker

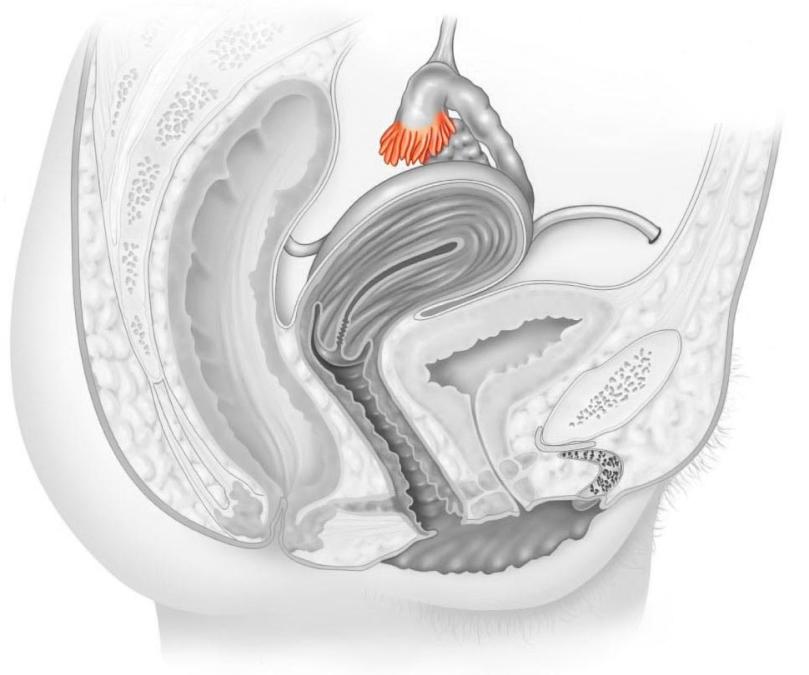
Station Twelve

1. Identify the structure
   1. Prepuce
   2. Glans penis
   3. Corpus spongiosum
   4. Corpus cavernosum
   5. Gubernaculum



1. Identify the structure at the marker

Station Thirteen

1. Identify the organ at the marker
2. Identify the structure
   1. Round ligament
   2. Infindibulum
   3. Gubernaculum
   4. Fimbriae
   5. Ampulla

Station Thirteen

1. Identify the organ at the marker
2. Identify the structure
   1. Round ligament
   2. Infindibulum
   3. Gubernaculum
   4. Fimbriae
   5. Ampulla

