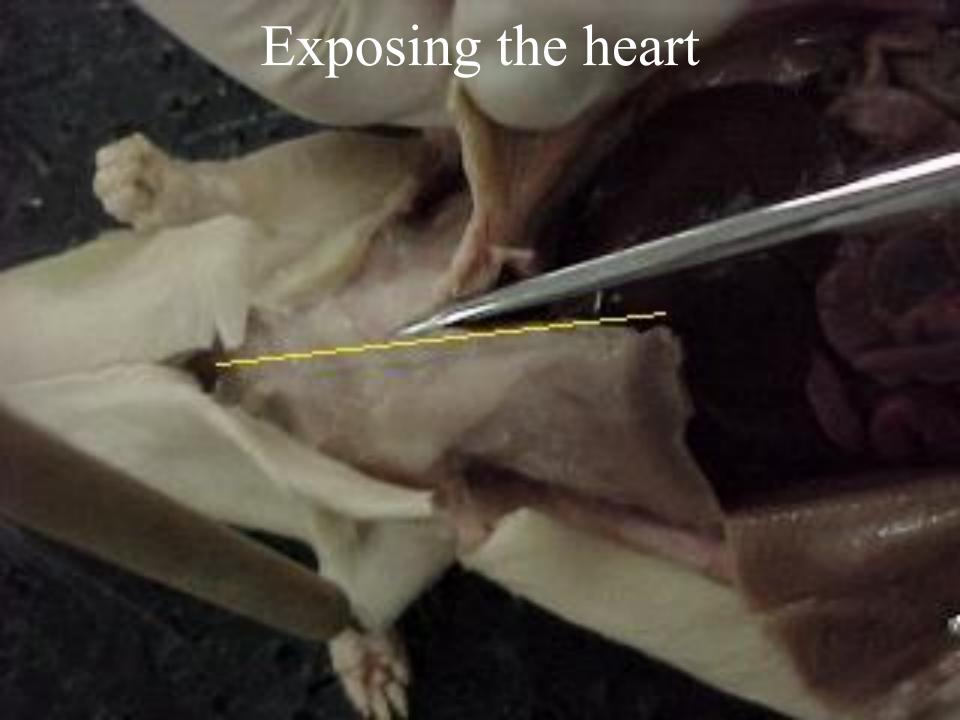
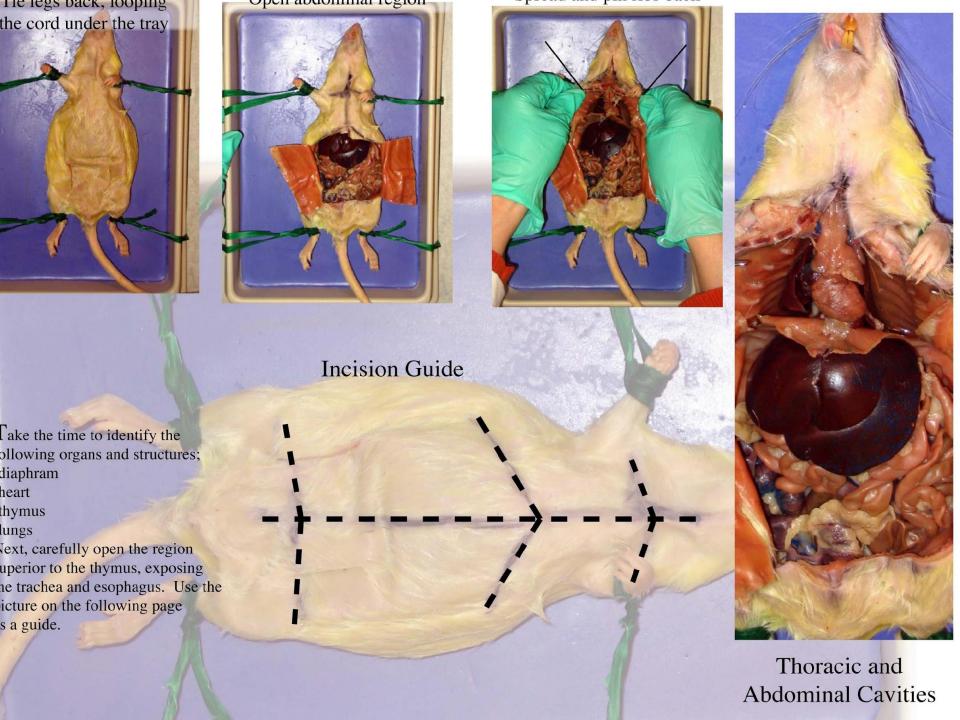
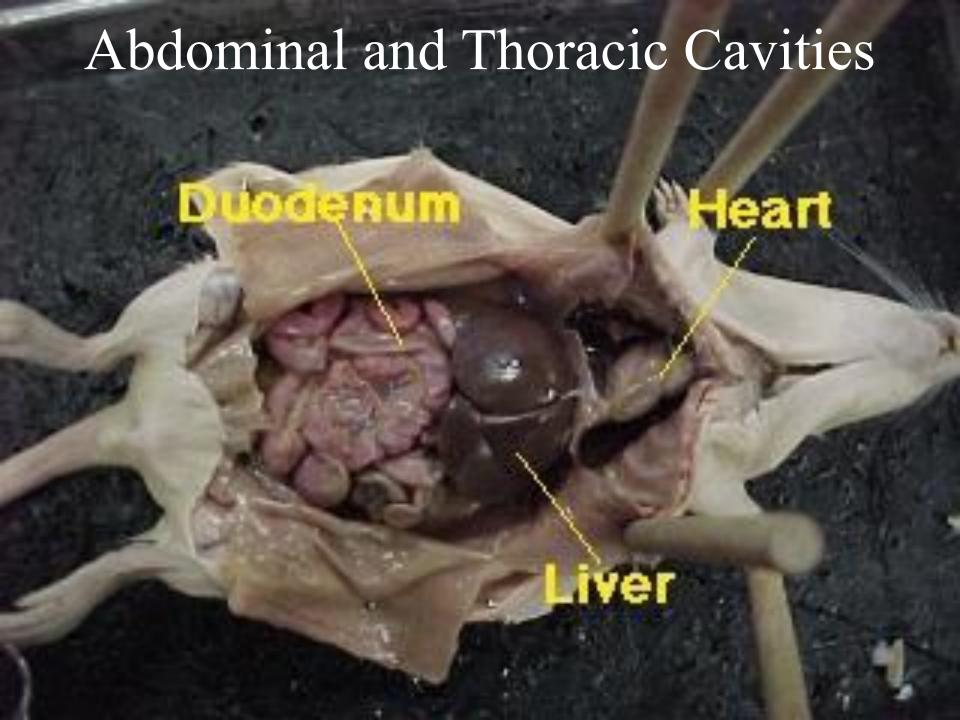
Rat Dissection

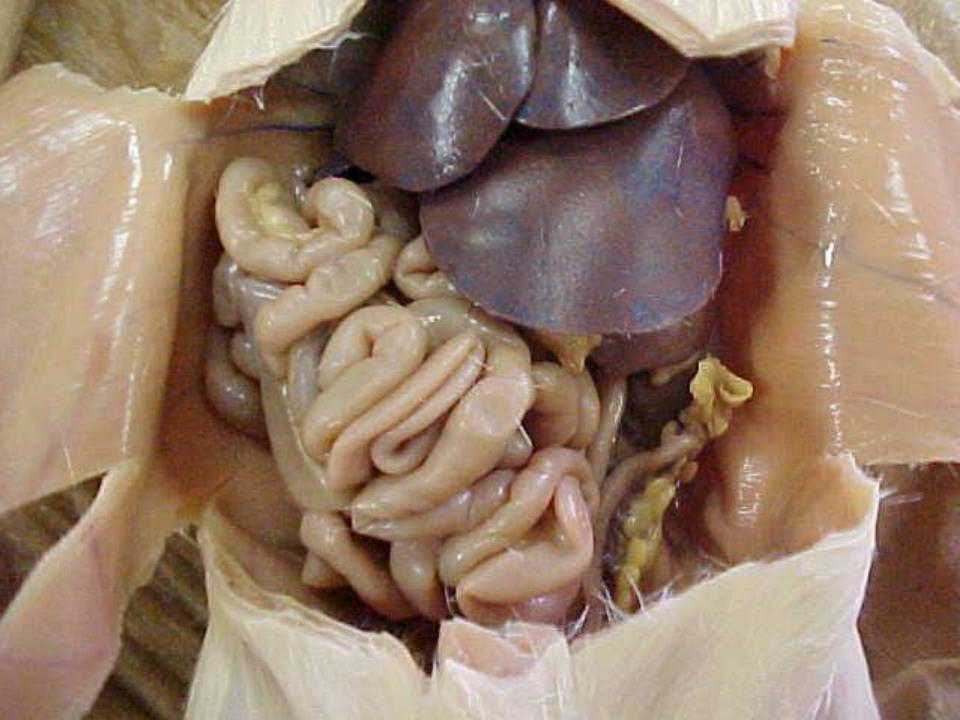






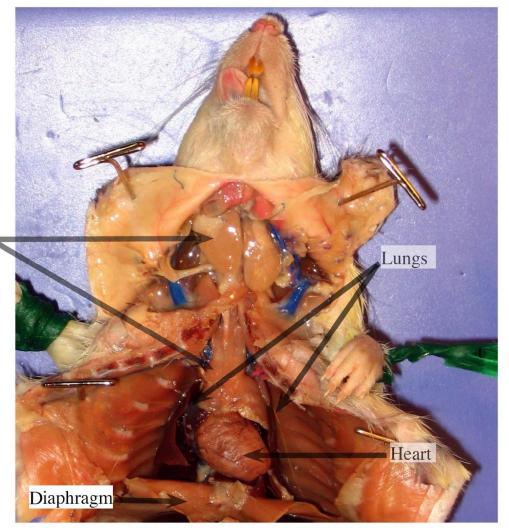


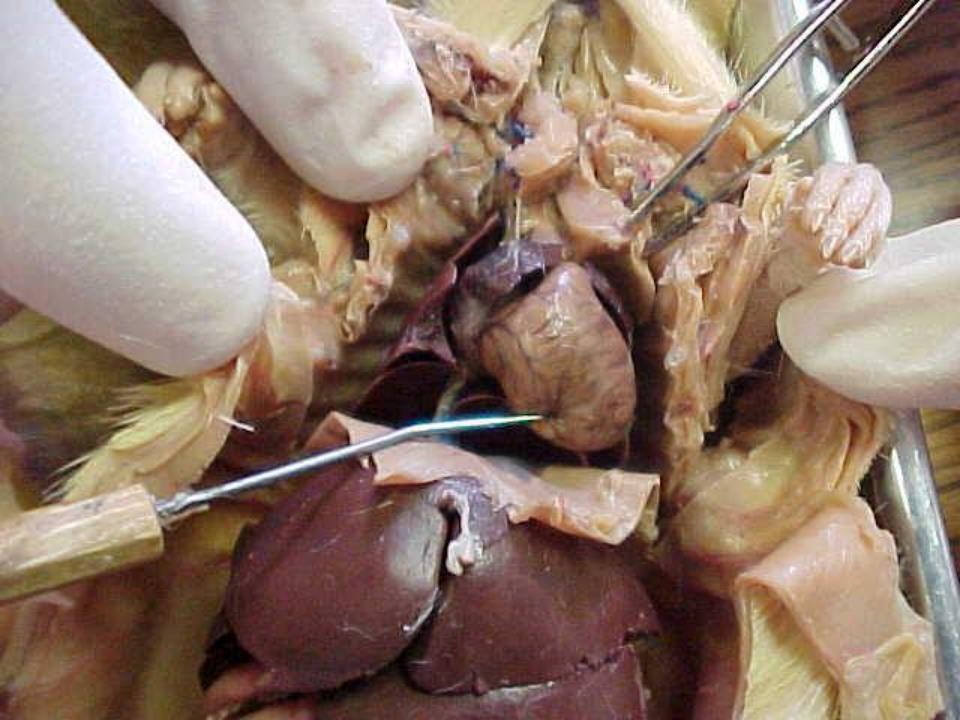


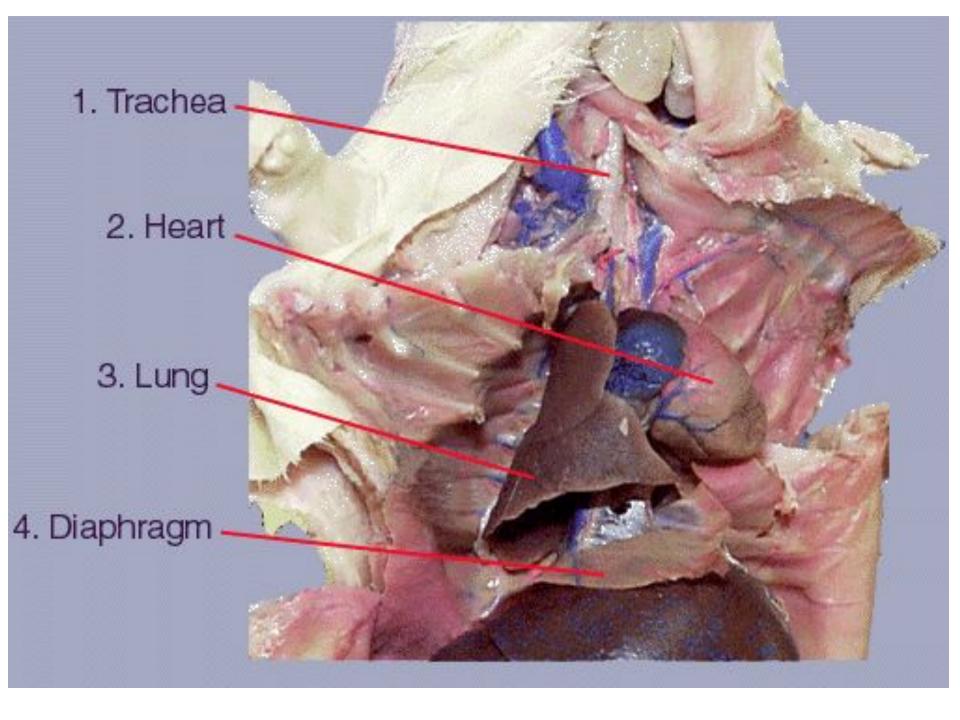


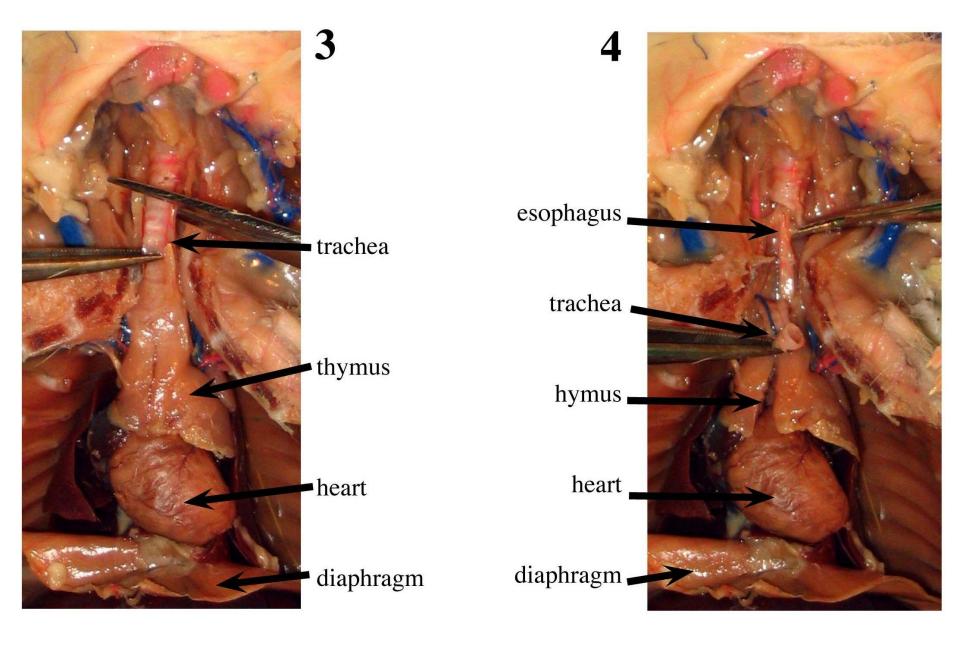
1 Make Sure your incisions are superficial. Only cut deep enough to remove the skin without damaging the organs beneath. Pin the skin back, exposing the cervical area.

2 Locate the thymus, then carefully remove the thymus to expose the ribbed trachea. After locating the trachea, clip it with a scissors, being sure not to sever the esophagus directly below. This will expose the esophagus.

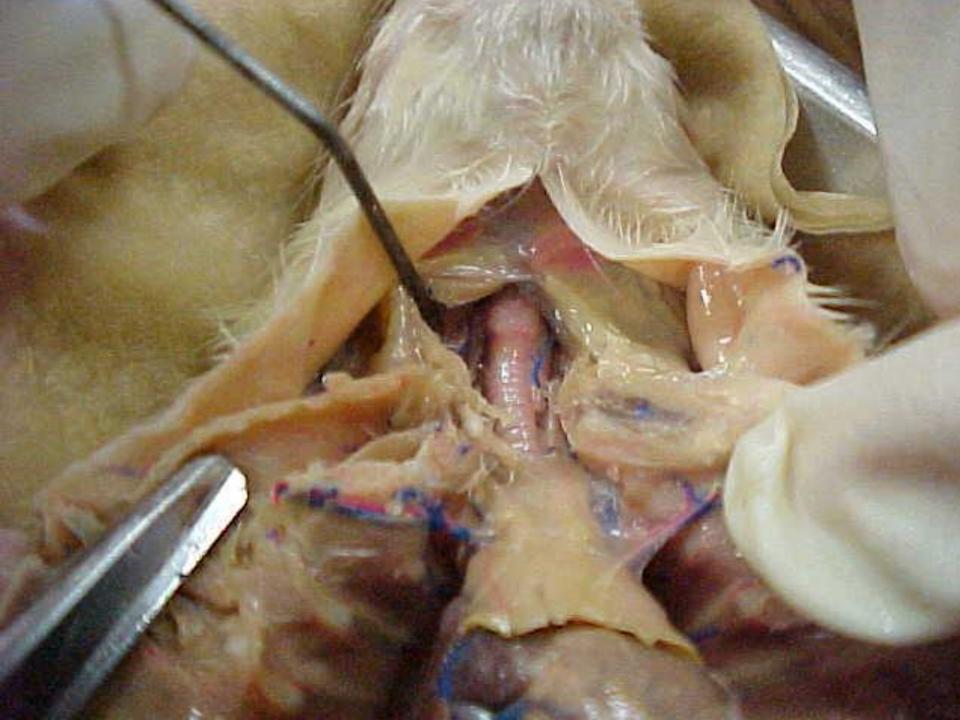




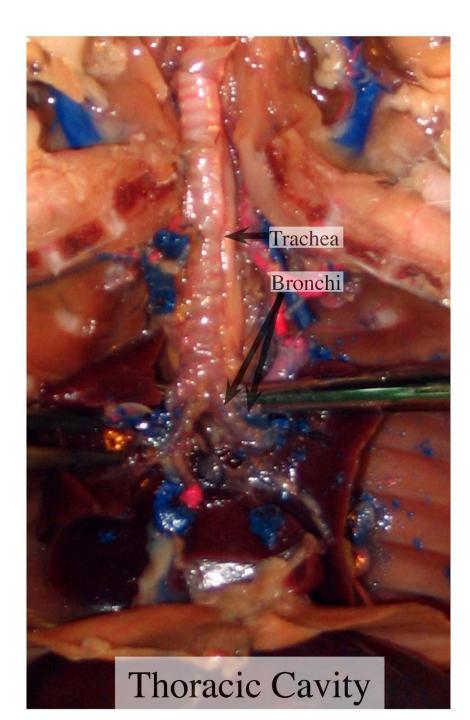


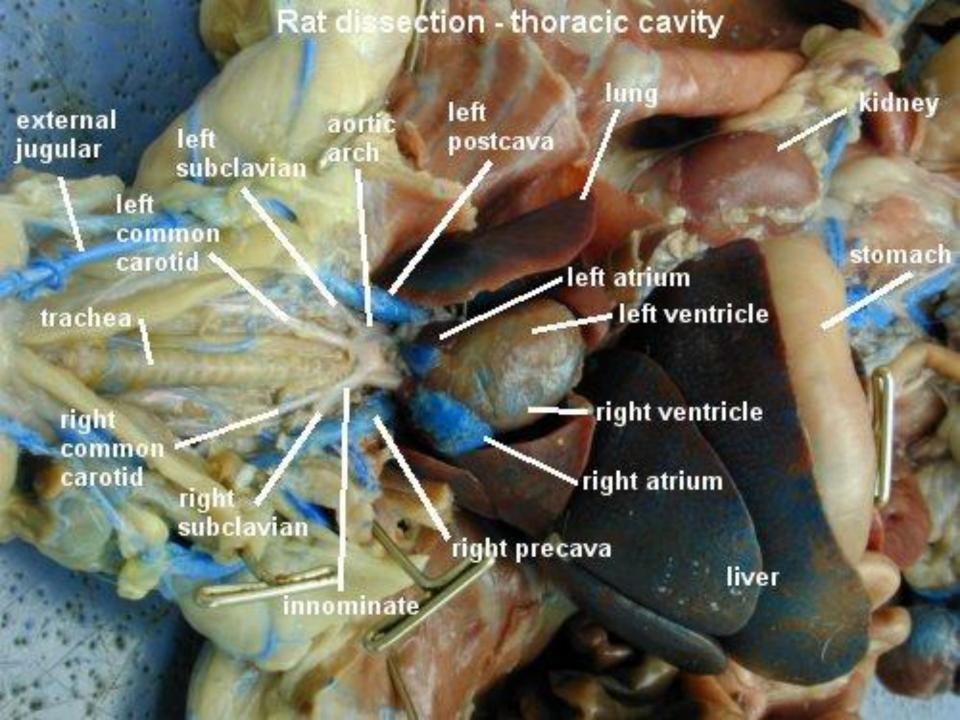




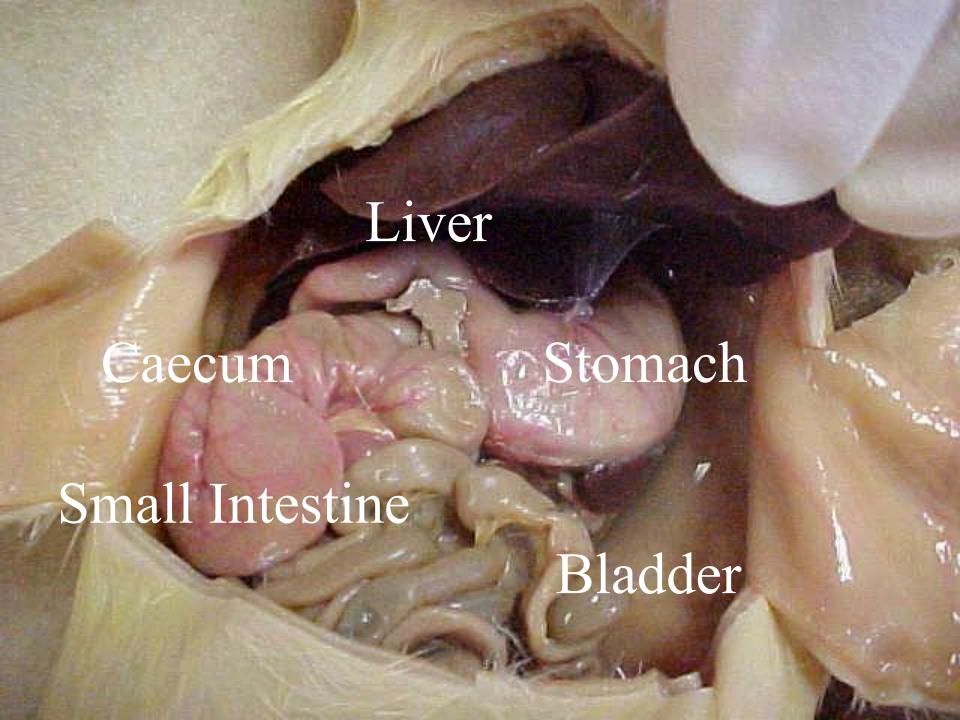


You can then locate the superior vena cava (blue) as you remove the heart, exposing the trachea as it splits to become the bronchi on the way into the lungs.

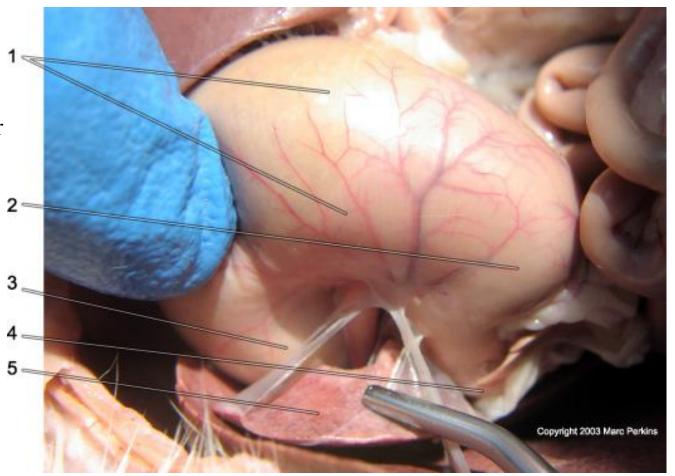








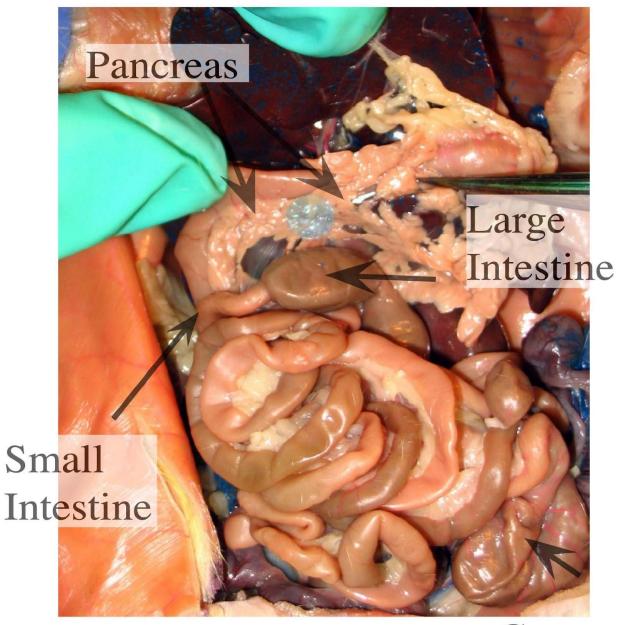
- 1. Stomach Body
- 2. Pylorus
- 3. Fundus
- 4. Pyloric Sphincter
- 5. Liver



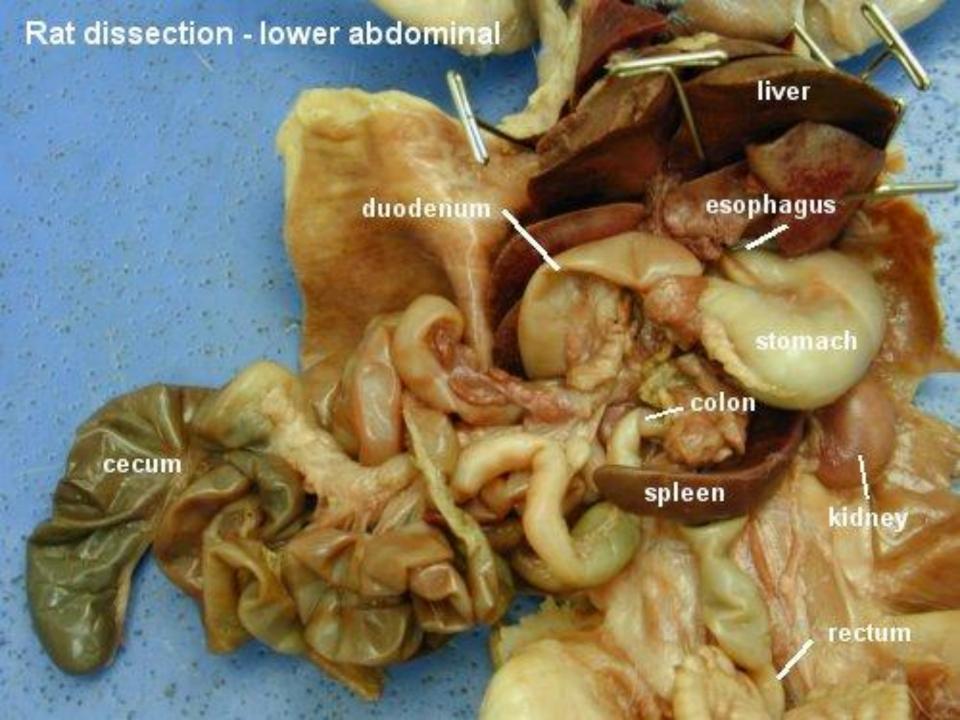
Follow the digestive tract.

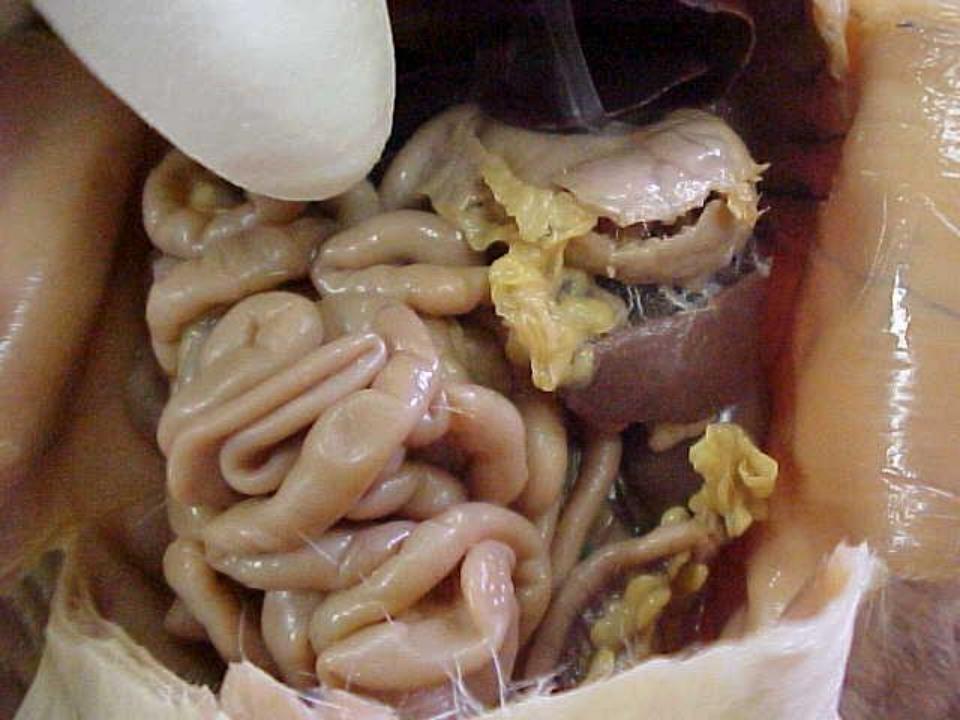
- -oral cavity
- -esophagus
- -stomach
- -small intestine (pull to reveal the mesentary)
- -cecum
- -large intestine
- -rectum
- -anus



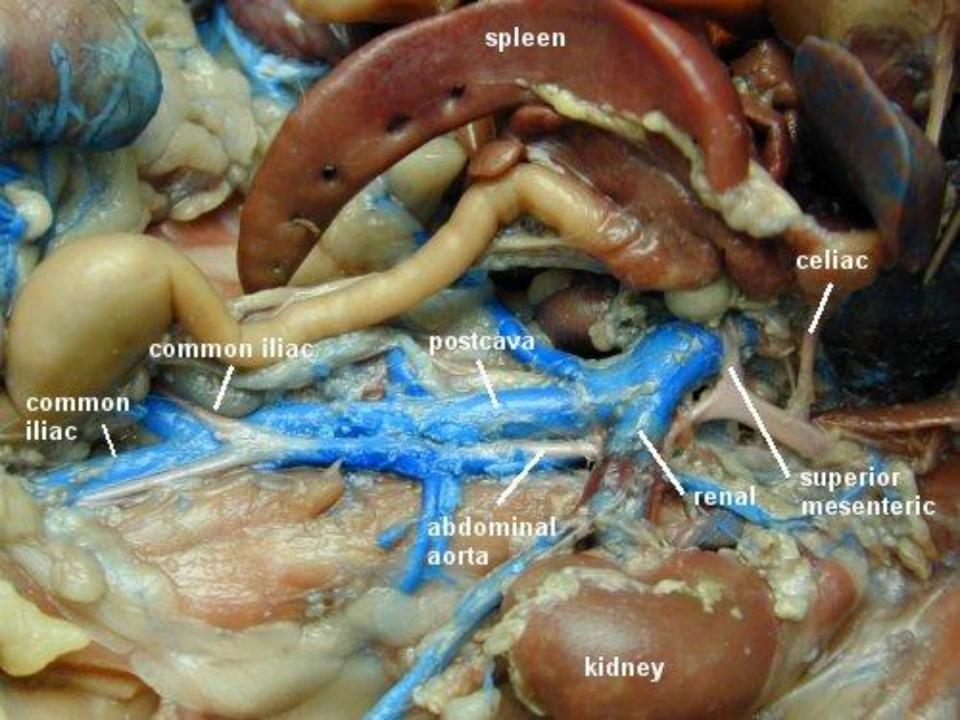


Cecum

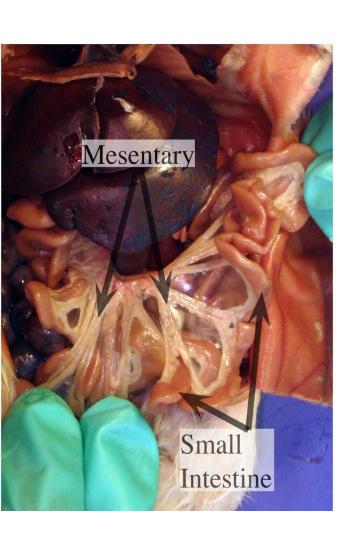








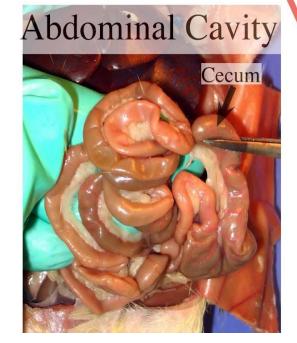


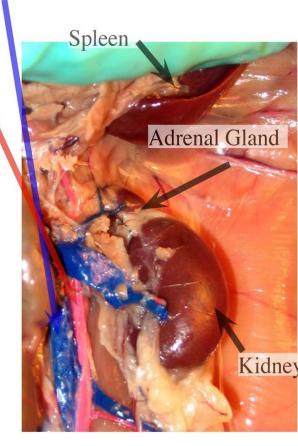


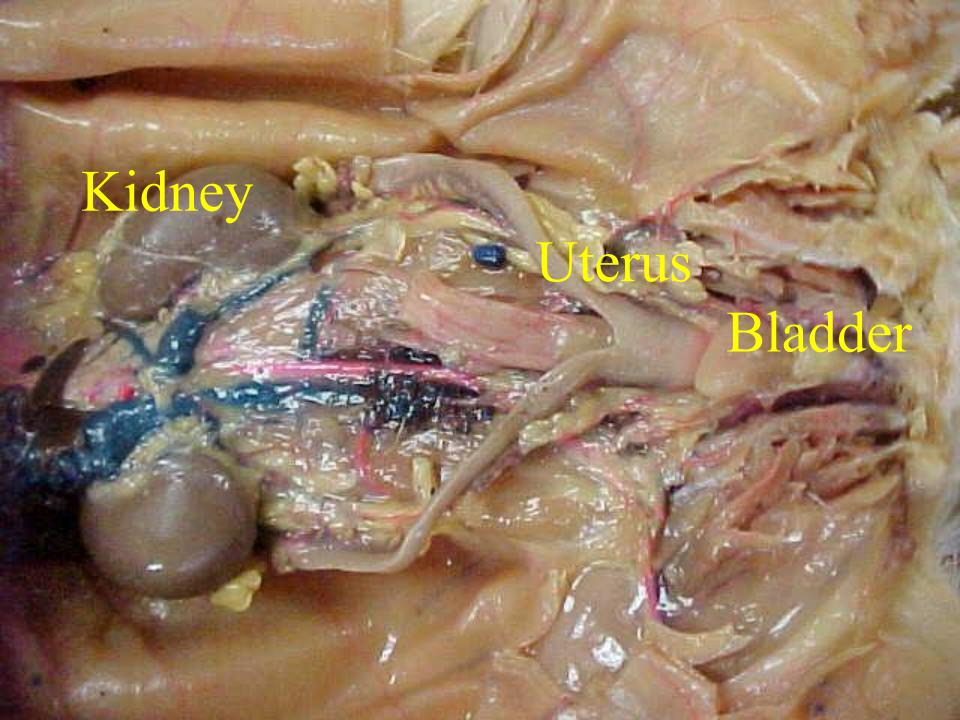
Then locate the

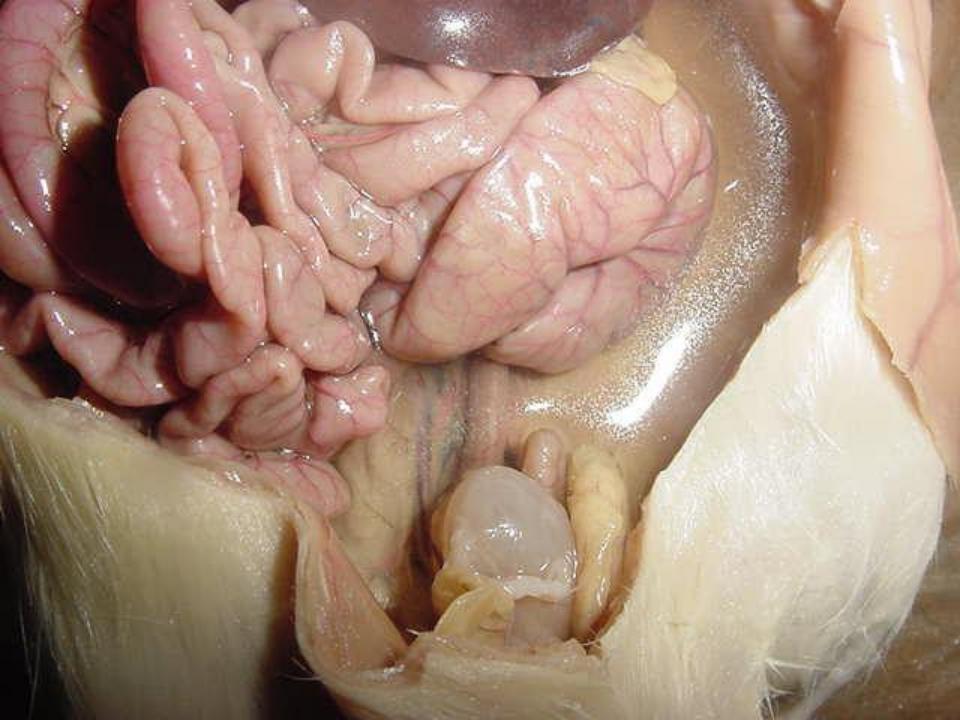
- -pancreas-spleen
- -kidney and ureter
- -adrenal gland
- -inferior vena cava

-descending aotra



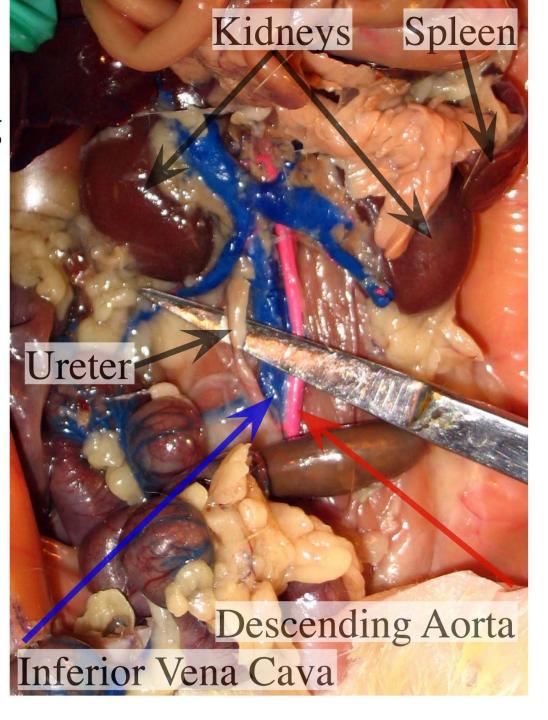




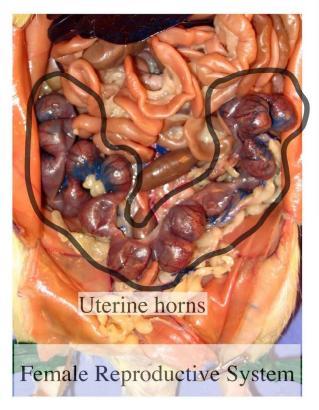


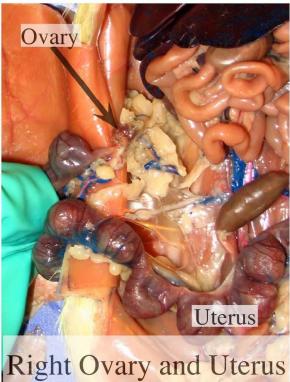
Find the remaining organs; -urinary bladder

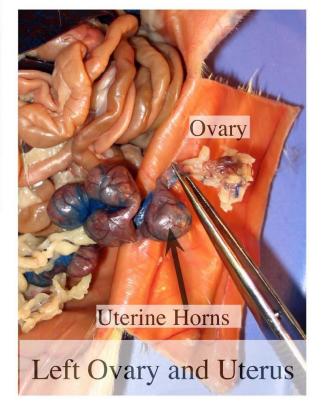
-ureter

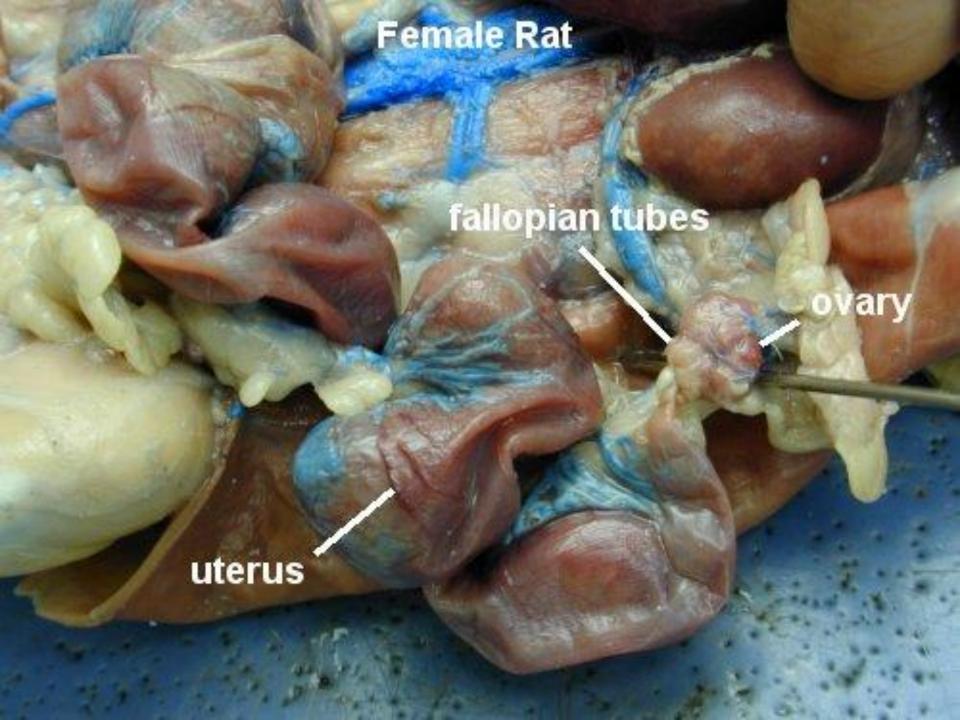


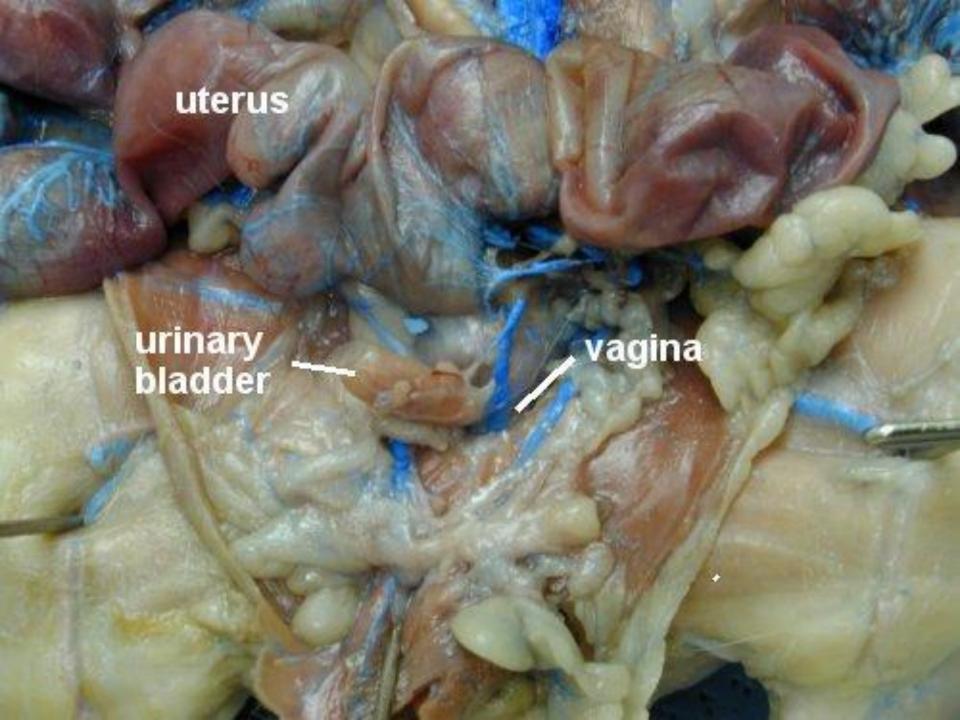
Female Rat- If you have a female rat, the reproductive organs are already exposed. Find the uterine horns and ovaries. It is not uncommon for rats (like the one used in this atlas) to be pregnant and your rat may have a litter of fetuses in the uterine horns.





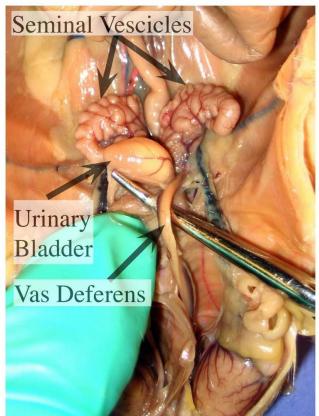




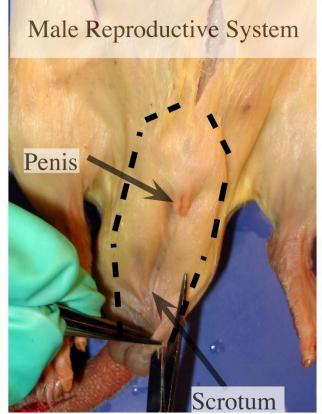


Male Rat- You will have to make two incisions as seen in the illustration on the right. Join these incisions to the incisions made in the abdominal region. This will expose the testes. Find the following; -seminal vescicles -scrotum -vas deferens -penis

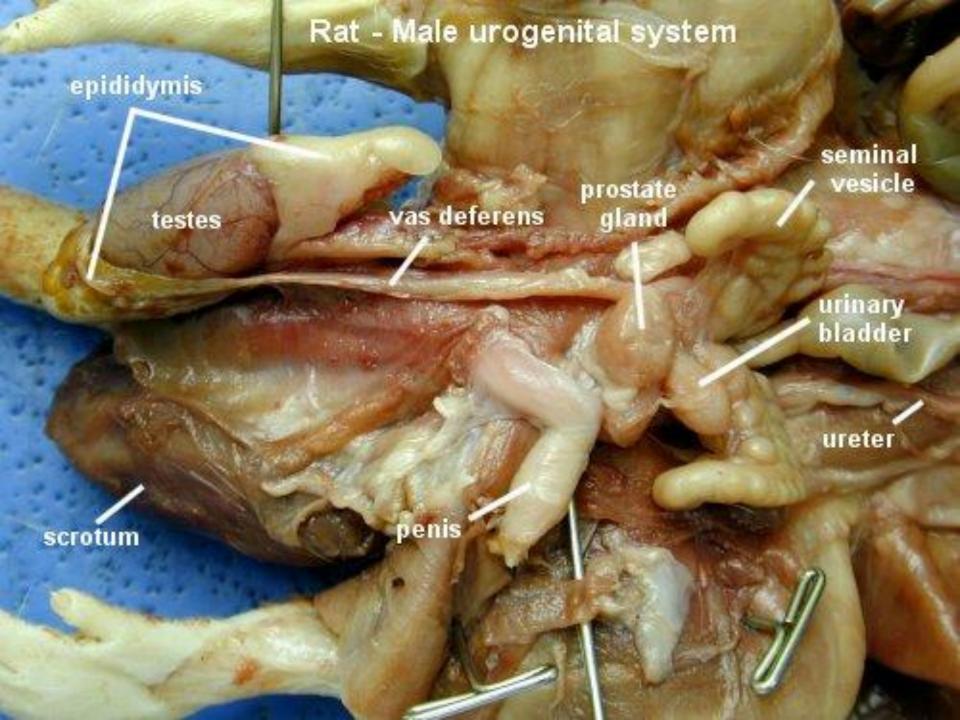
-prostate

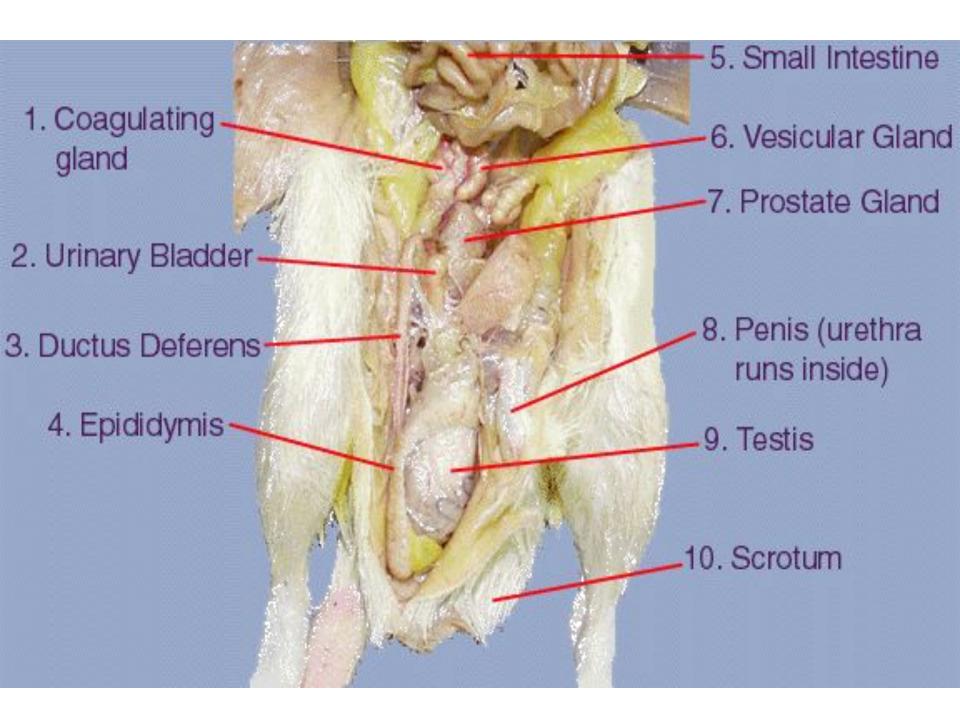


-testes









Brain

