

Go to: <http://www.whitman.edu/biology/vpd/main.html>



External Anatomy

1. Click on Anatomical Reference. Label the following terms on the picture above: caudal region, pelvic region, pectoral region, cranial region, umbilical cord, anterior, posterior, dorsal, and ventral
2. Click on Sexing your Pig. Briefly explain how you tell if your pig is male or female.

Digestive System

Click on Digestive System, then click on the pig's head.

Name the structures commonly known as nostrils.

Name the structures commonly known as taste buds.

Describe the two palates that are found in the mouth.

When you look into the pharynx of the pig, what three structures will you be able to see?

Making the first abdominal incision, cutting barely into the skin will expose what structures?

What does cutting deeper allow you to see?

What organ structures can initially be seen once the peritoneal membrane has been cut away?

What happens in the small intestine?

What happens in the large intestine?

Even though the large intestine is larger in diameter, it is actually much _____ than the small intestine.

Where will you find the gall bladder (use the picture to help you describe its location)?

Once the liver is removed, what muscle can be seen?

What must you do in order to see the stomach?

The spleen can be found just to the left of the stomach. What is the function of the spleen?

Describe where you will find the rectum and pancreas.

What are the mesenteries?

Circulatory System

Click on Circulatory System.

Rotate the view to see the pig's lungs and heart from the side and from the front. Why is the thymus gland so large in the fetal pig?

What is the trachea?

What is the aorta?

Click on Respiratory System.

List the structures found in the upper respiratory tract.

List the structures found in the lower respiratory tract.

What structures can be seen when the lung is carefully cut in a cross section?

Urogenital System

Click on Excretory System.

Underneath the digestive organs you will find the kidneys. What is the function of the kidneys?

Through what structures is the urine transported to the bladder?

What is the purpose of the bladder?

Click on Reproductive System

Click on Female.

In addition holding the eggs, what else do the ovaries produce?

Click on Male.

What is tightly packed into the testes?

Nervous System

Click on Nervous System

Click on the lumbar section

What structure is exposed when the vertebrae are removed?

Click the cervical section

Why are the muscles in the pig's neck so thick in the neck?

Click the cranial section

Once the skull pieces have been removed, what membrane can be seen?