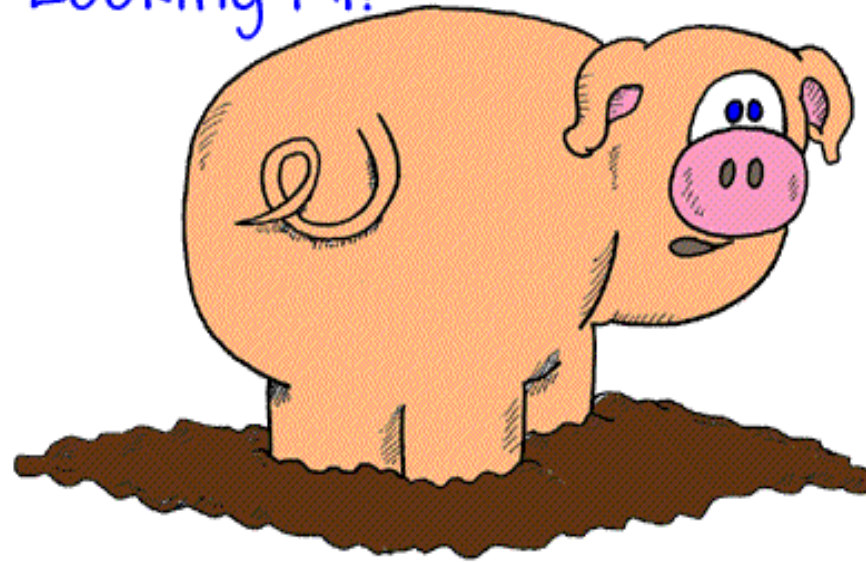


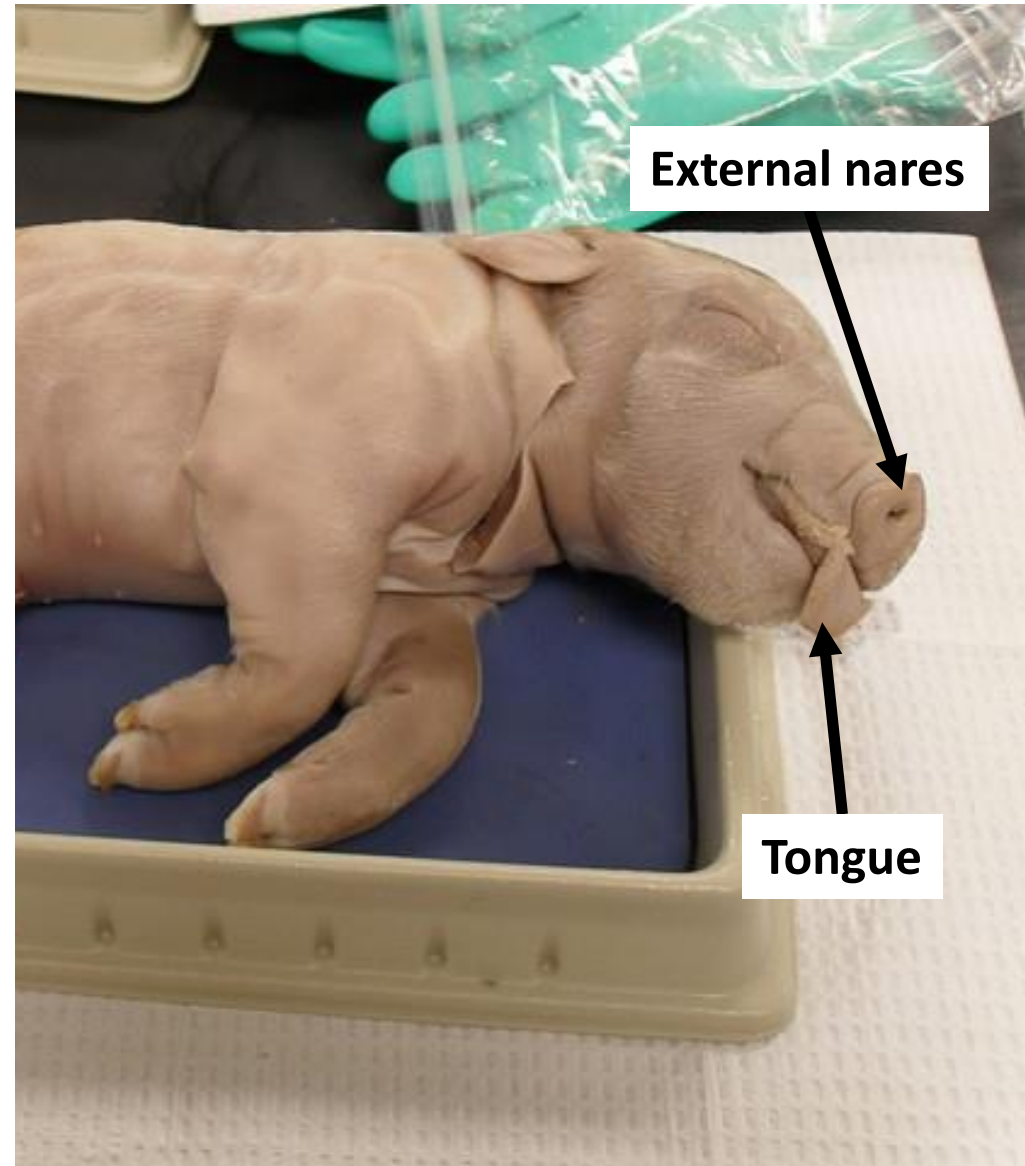
Fetal Pig Dissection

Hey, what are you
Looking At?



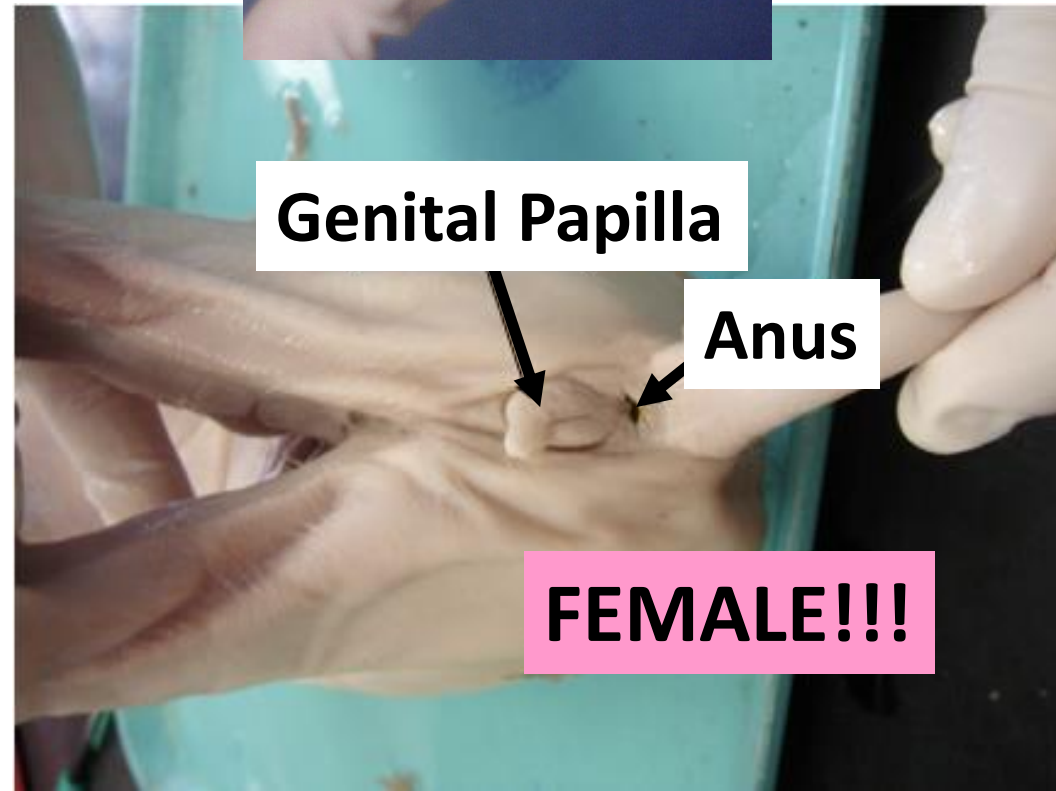
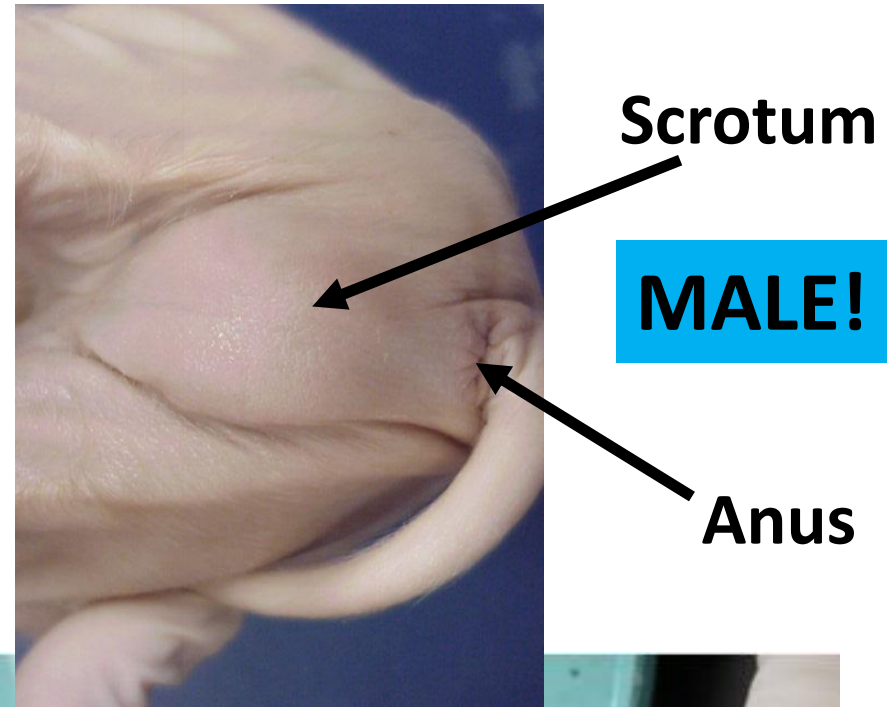
External Observations

- Look for the umbilical cord
 - Try to find the umbilical arteries/veins that connected its blood supply to mom via the placenta
- **External nares** (remember what those are?)
- **Tongue**



External Observations

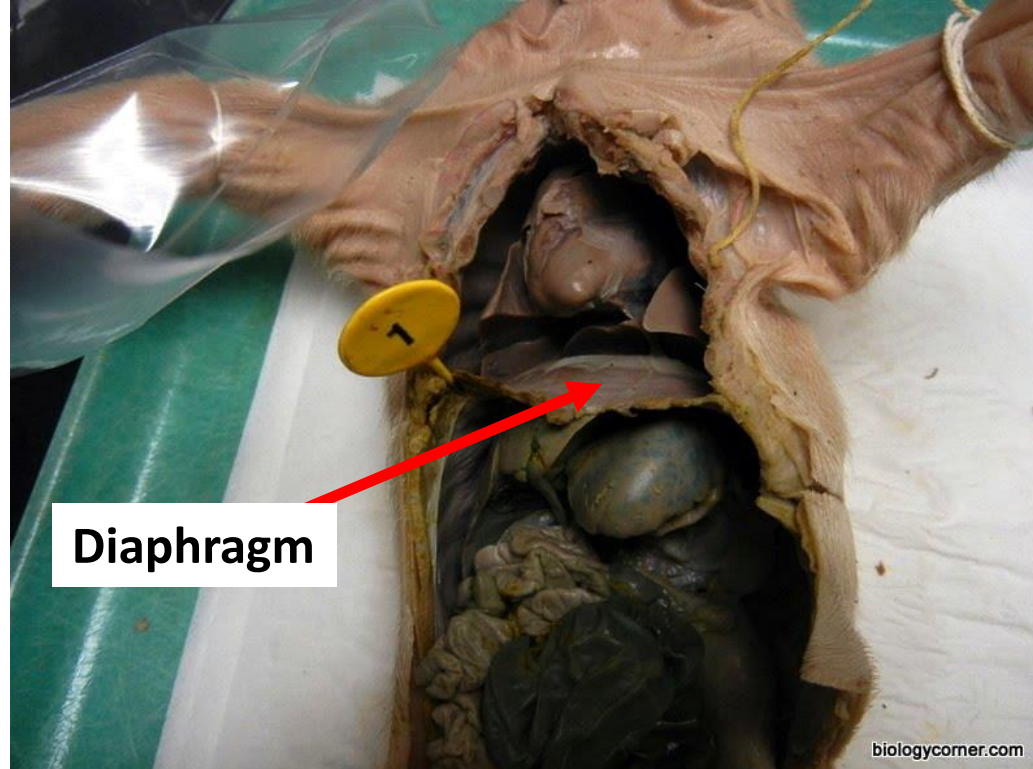
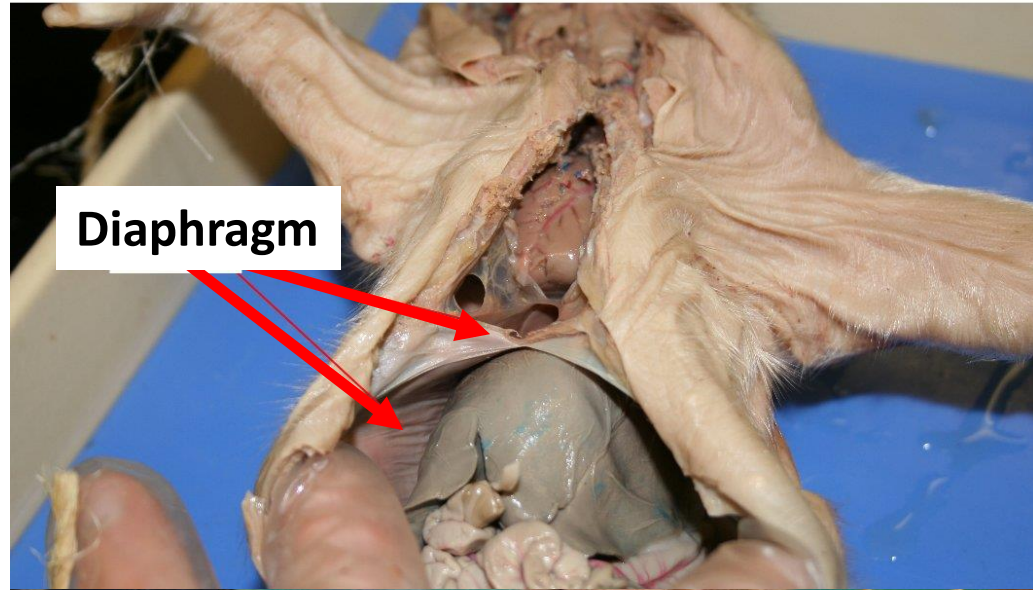
- Boy or Girl?
 - Look under the tail.
 - Find anus (hole)
 - Look below anus...
 - if you see a SMOOTH swollen sac of skin – you have found the **SCROTUM** and you have a male!
 - If you see an obvious folded area of skin. You have found the **GENITAL PAPILLA** and you have female!

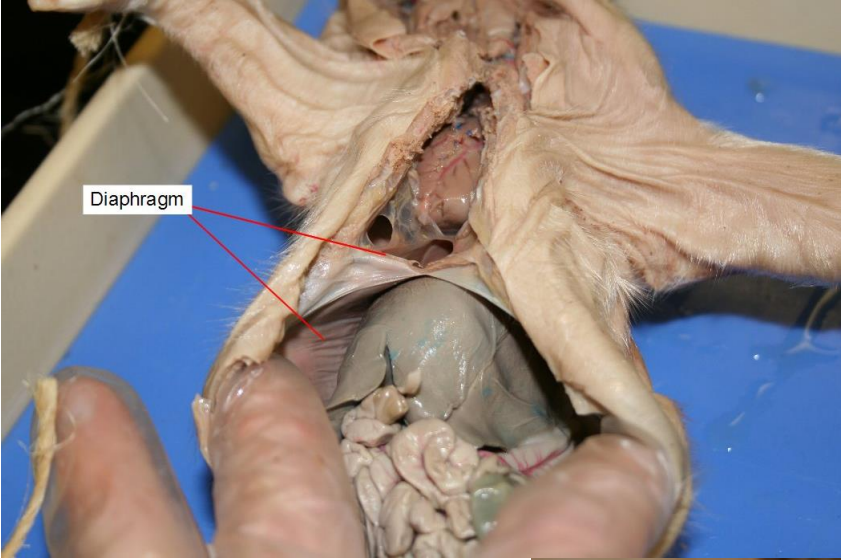


Diaphragm

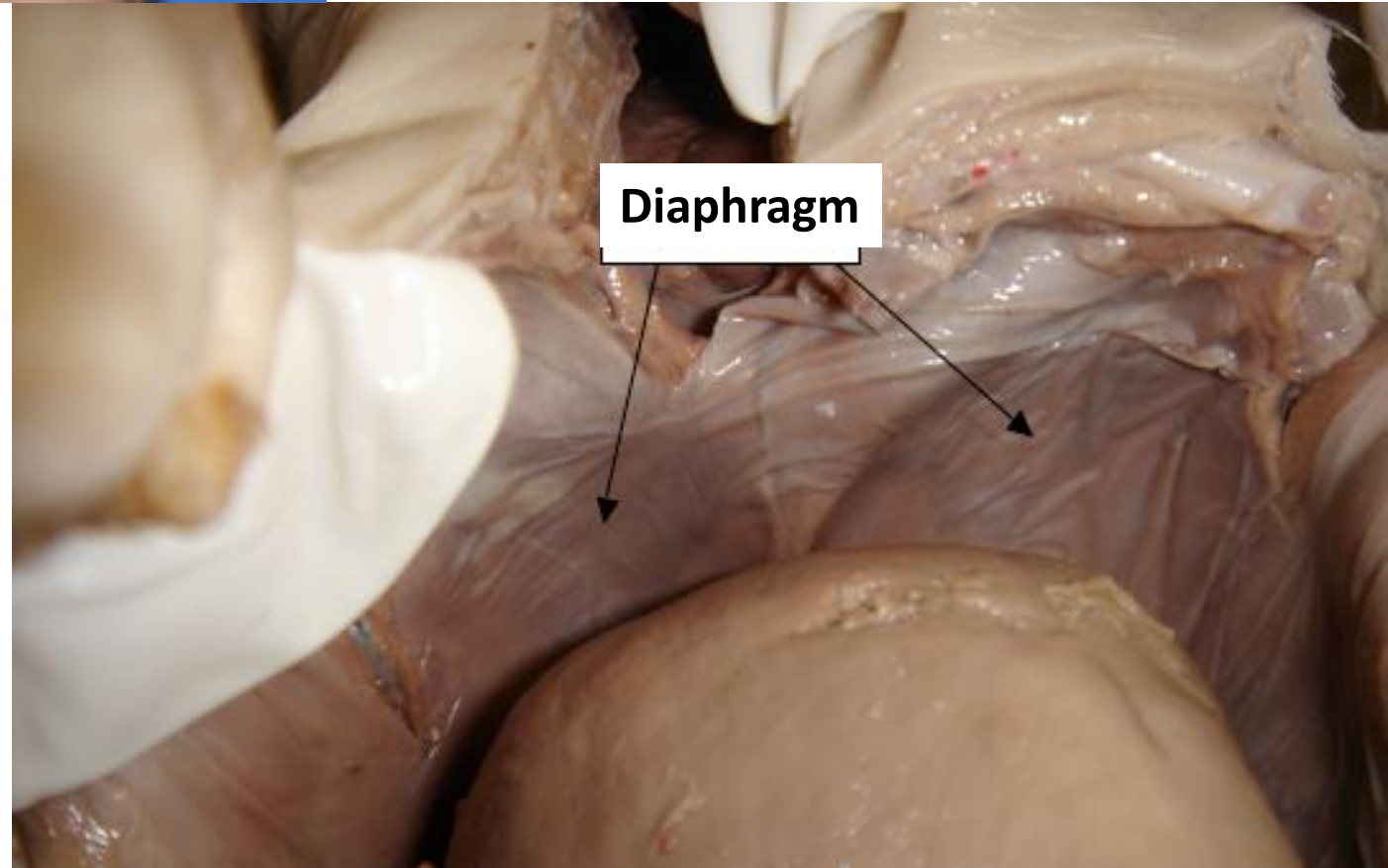
- The Diaphragm looks like a “flap” of muscle that hangs over the liver and stomach

The diaphragm attaches to the body wall and separates the abdominal cavity from the lung (pleural) and heart (pericardial) cavities. Contraction of the diaphragm forces air into the lungs.





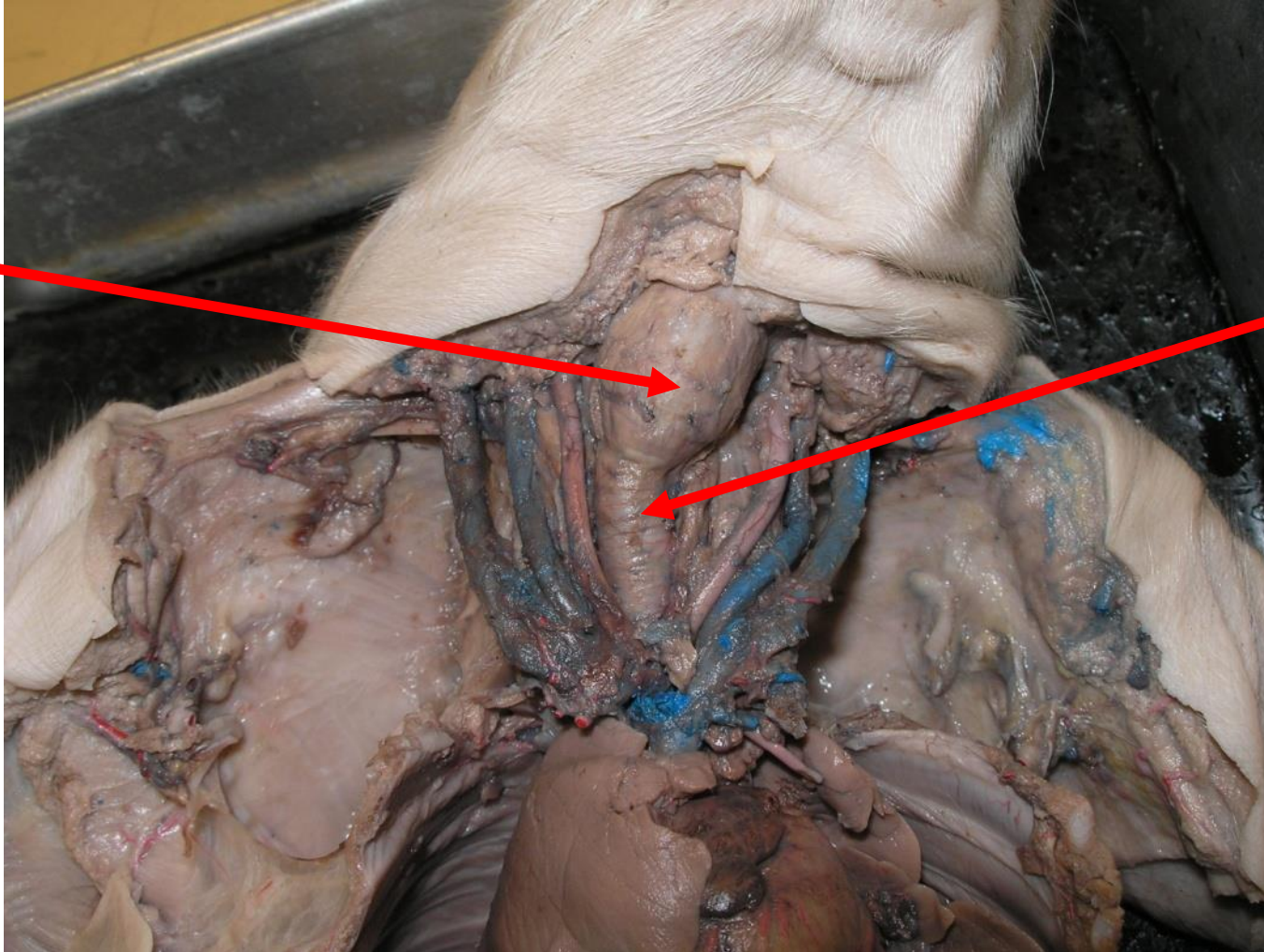
More Diaphragm

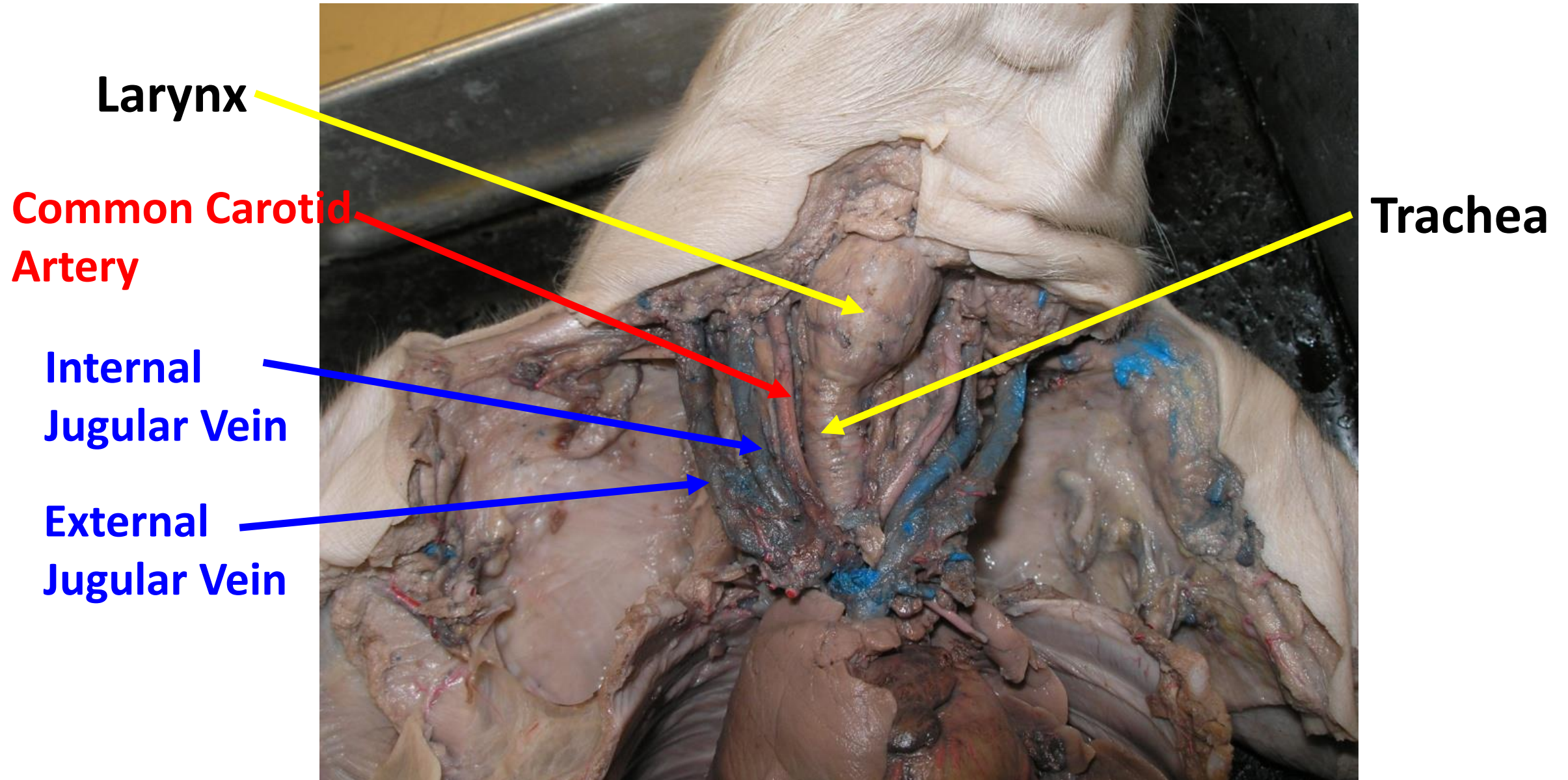


Larynx/Trachea/Neck Vessels

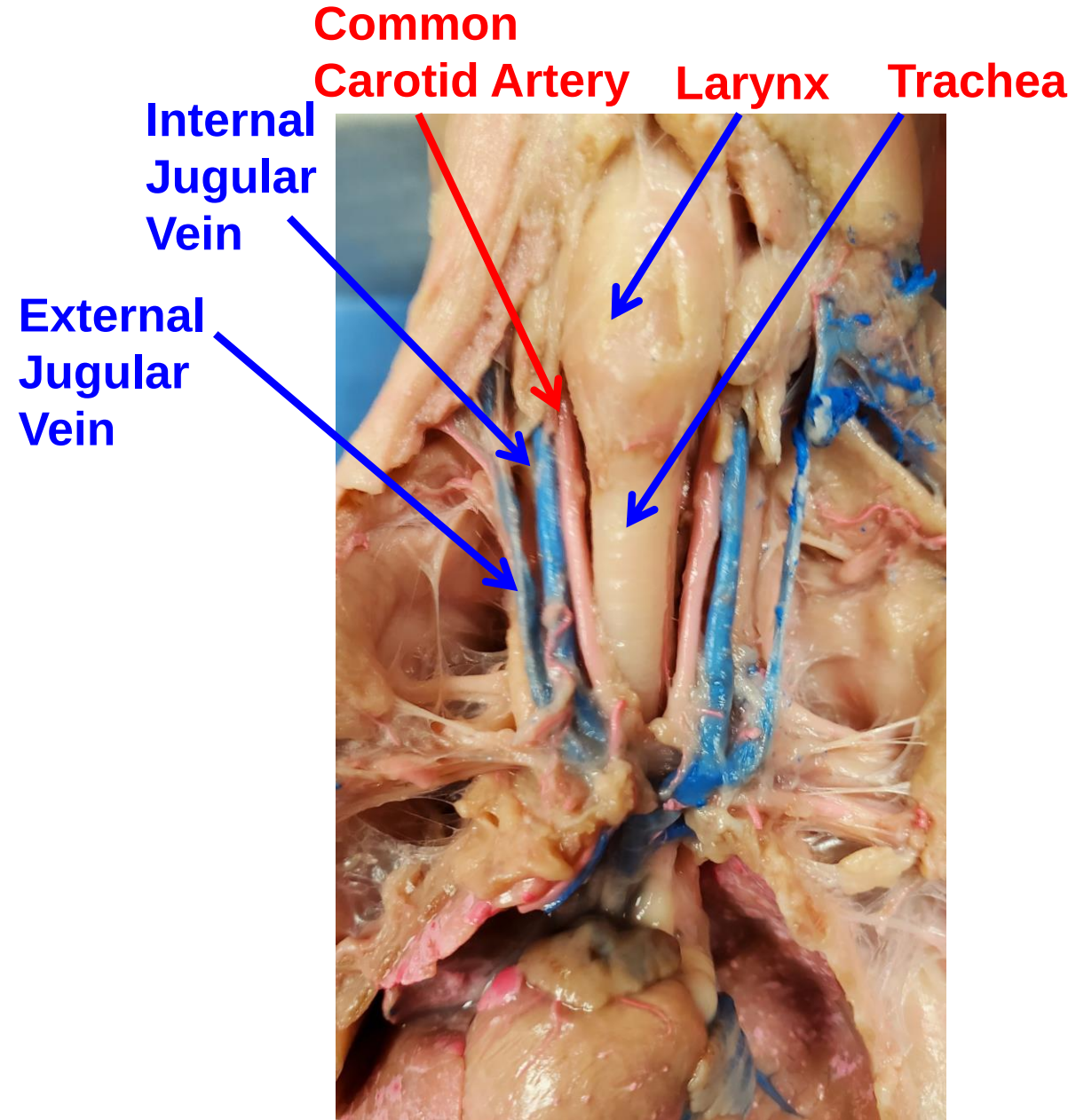
Larynx

Trachea

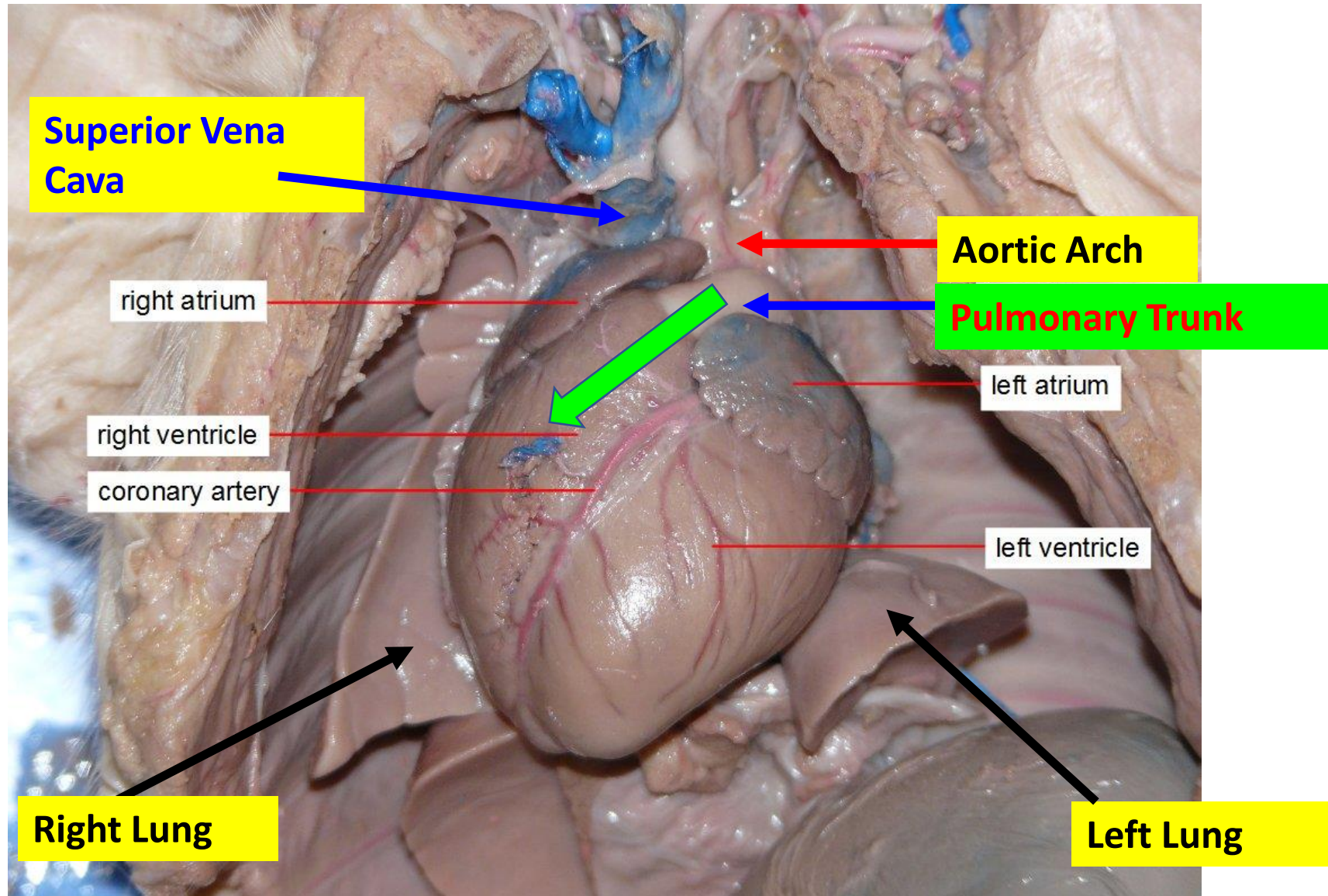




Larynx/Trachea/Neck Vessels



Heart & Lungs

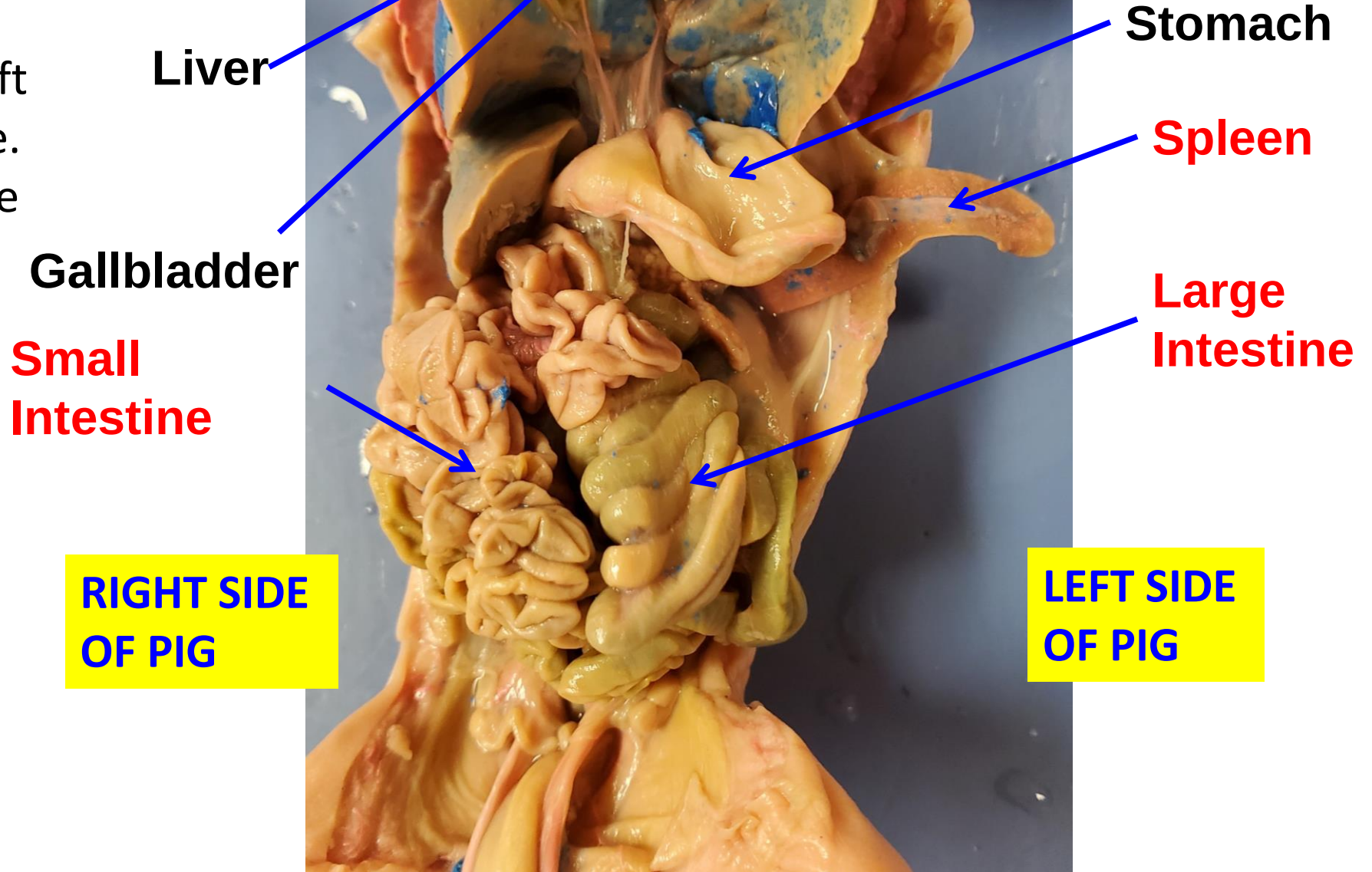


The Abdominal Cavity

In a human, the large intestine is found along the right side, top, and left side of the small intestine. How is the small and large intestine arranged in the fetal pig?

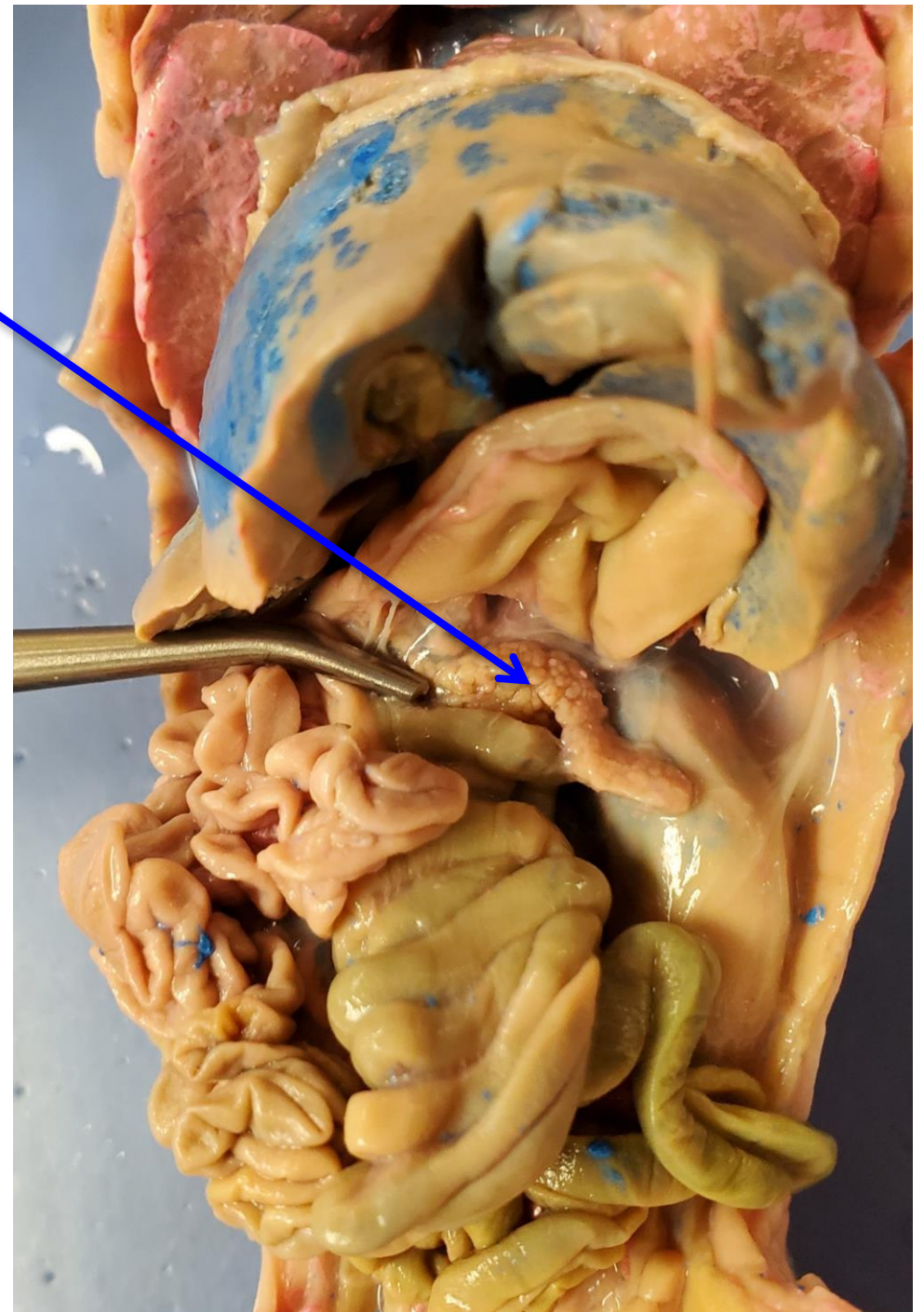
ANSWER:

The small intestine is to the right of the large intestine

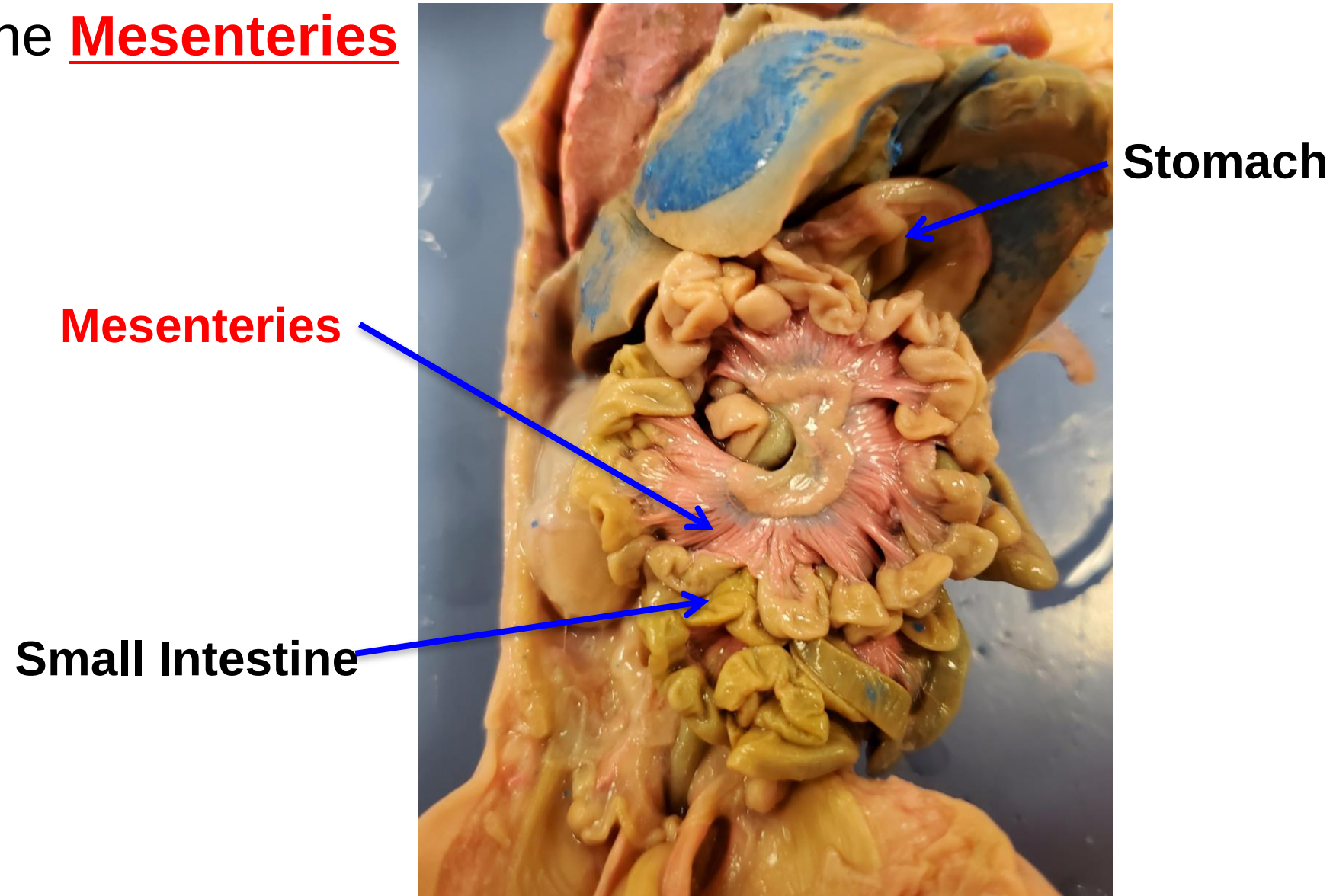


the pancreas is located behind
the stomach

Pancreas



Spread the small intestine apart and note the "pink fan" made mostly of connective tissue found holding the small intestine together in a clump is called the **Mesenteries**



Kidney

**Inferior Vena
Cava**

Ureter

**SUMMARY of
retroperitoneal
organs/structures**

**RIGHT SIDE
OF PIG**

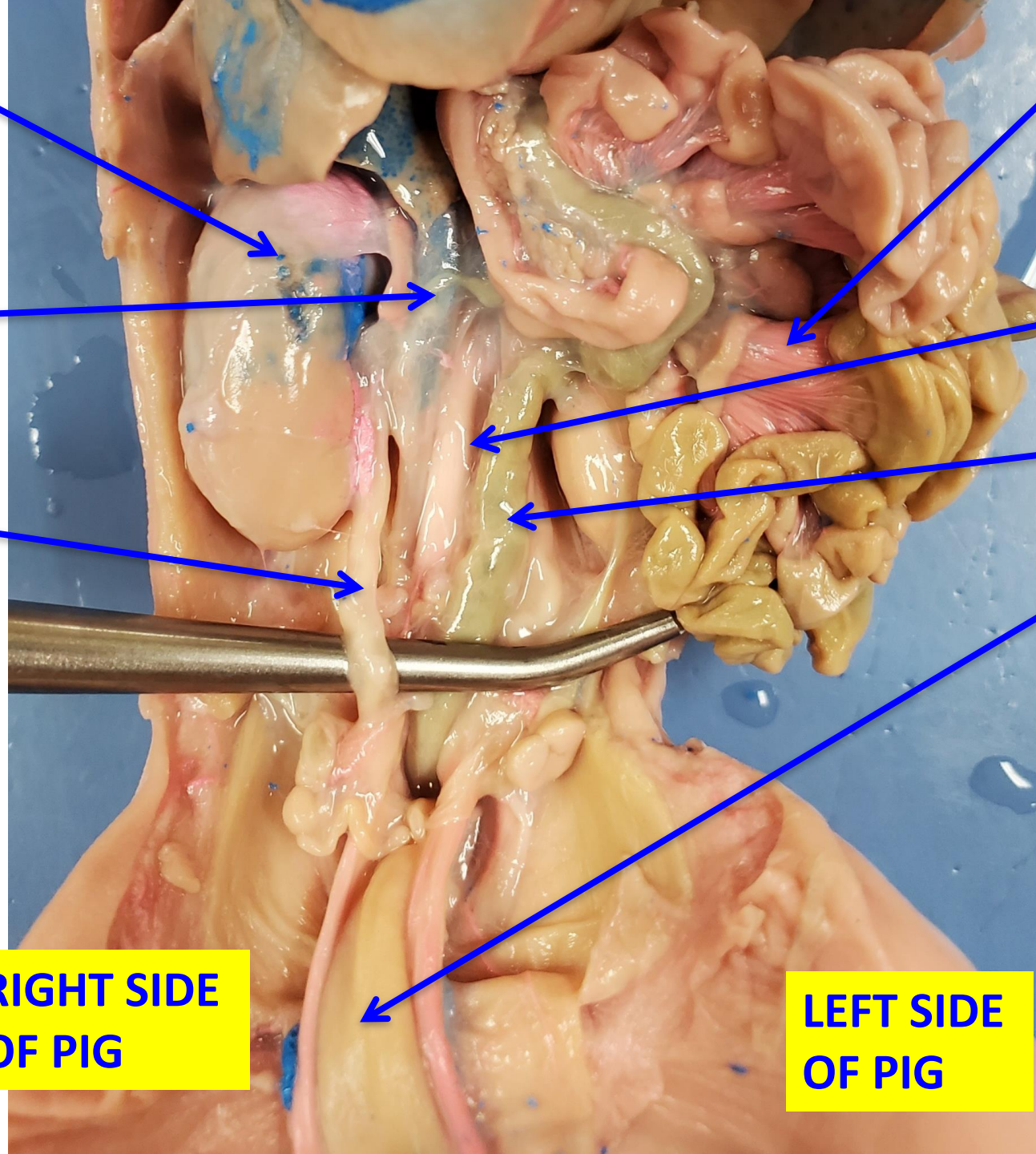
Mesenteries

**Abdominal
Aorta**

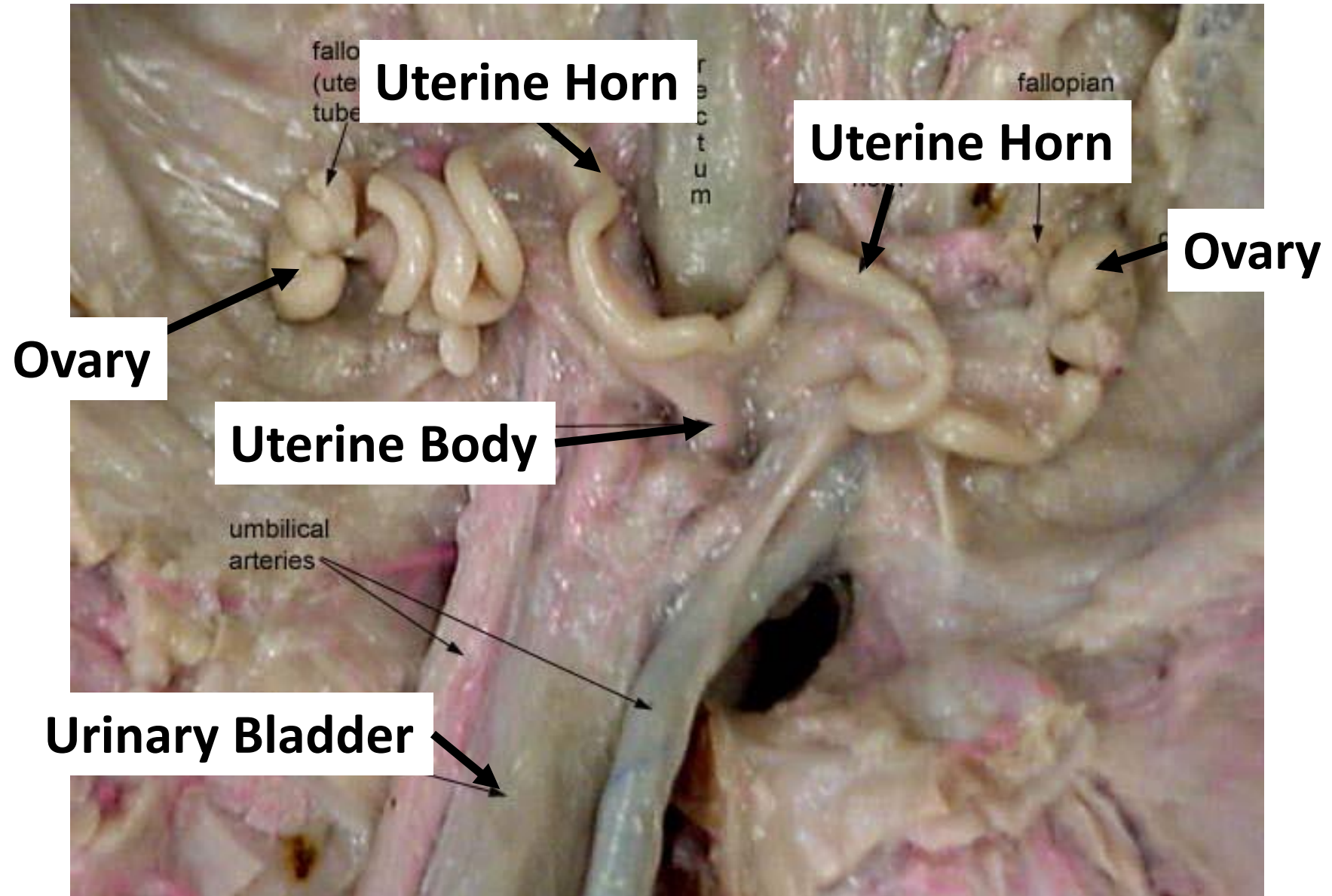
Rectum

**Urinary
Bladder**

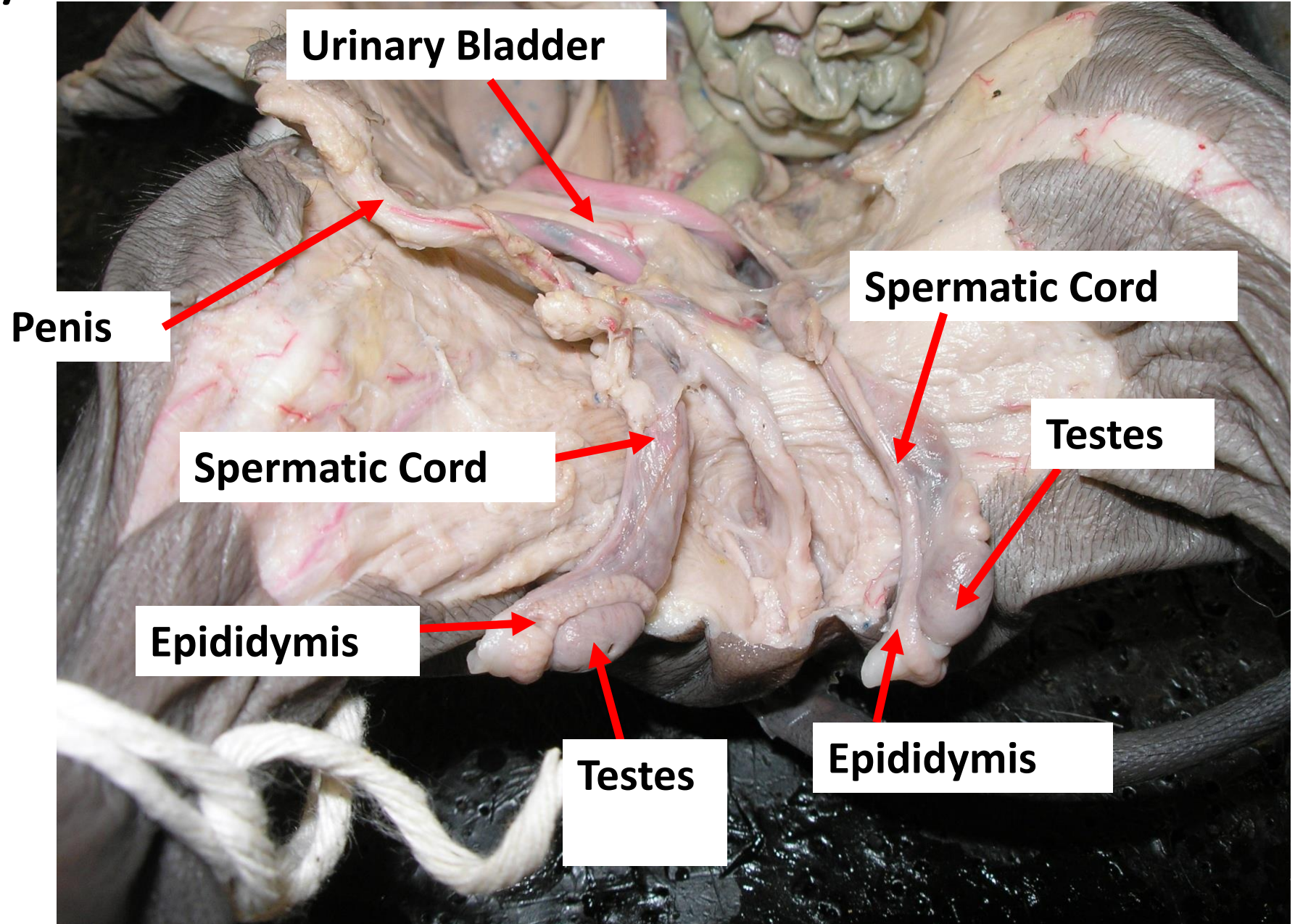
**LEFT SIDE
OF PIG**



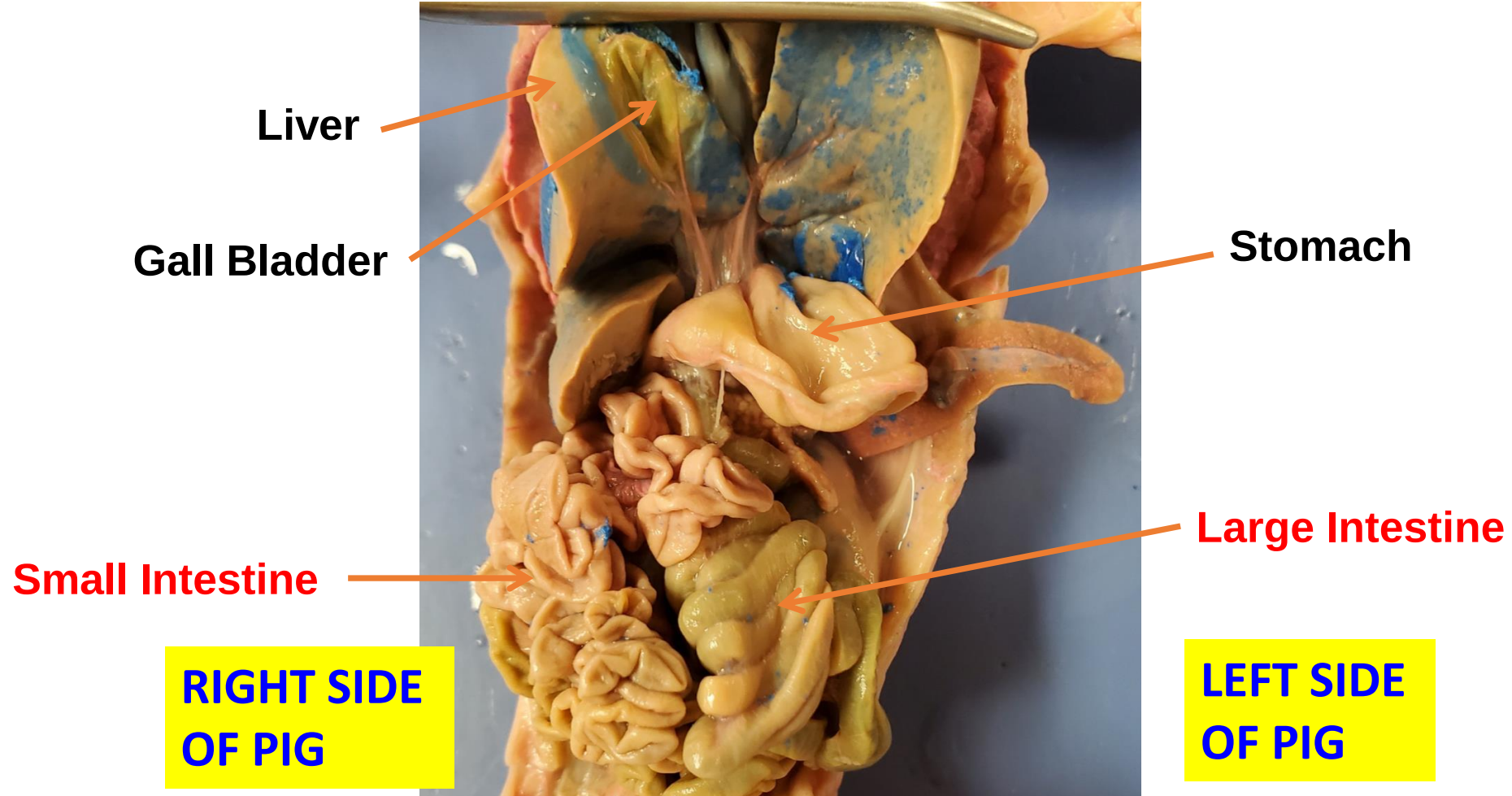
Reproductive System - FEMALE



Reproductive System - MALE



Poll 4: In a human, the large intestine is found along the right side, top, and left side of the small intestine. How is the small and large intestine arranged in the fetal pig?



ANSWER:

The small intestine is to the right of the large intestine

