**Laboratory Learning Outcomes and Objectives**

**Laboratory 10: Basic mammalian ANATOMY 1: Fetal Pig External Features, Respiratory, and Digestive Systems (DISSECTION)**

*After completion of this laboratory session, and with 70% accuracy on the first laboratory quiz, the student should be able to:*

1. External Anatomy:
   1. Compare the external anatomy of a fetal pig to the external anatomy of a human (e.g. limbs)
   2. Know the language of anatomy
2. Oral Cavity and Pharynx:
   1. Find and identify the teeth, tongue, and hard and soft palates, including the epiglottis, Identify and state a function for the glottis, nasopharynx, and esophagus
   2. Name the two pathways that cross in the pharynx
3. Neck Region: Find, identify and state a function for the thymus, the larynx, and the thyroid gland, trachea and esophagus.
4. Thoracic and Abdominal Incisions: List the major organs of the thoracic cavity and the major organs of the abdominal cavity
5. Thoracic Cavity:
   1. Identify the three compartments and the organs of the thoracic cavity,
   2. Find and identify the diaphragm
   3. Locate and identify major arteries and veins in the thoracic cavity
6. Abdominal Cavity:
   1. Find, identify and state a function for the liver, stomach, spleen, gallbladder, pancreas, large and small intestines
   2. Use anatomical terms to describe where these organs are positioned in relation to one another
   3. Locate and identify major arteries and veins in the abdominal cavity
7. Human Anatomy:
   1. Associate each organ with a particular system of human body,
   2. Compare the number of lobes in the lungs of the pig to those of the human being

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