

## ***Bio& 241: Unit 1 lab 1***

### **Language of Anatomy and Organ systems Lab**

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#### **Make sure you can find the following surface anatomy landmarks:**

##### Anterior Surface:

Abdominal region	Acromial	Antebrachial	Antecubital
Axillary	Brachial	Buccal	Carpal
Cephalic	Cervical	Coxal	Crural
Deltoid	Facial	Femoral	Frontal
Hallux	Inguinal	Mammary	Manus
Mental	Nasal	Oral	Orbital
Otic	Palmar	Patellar	Pedal
Pelvic	Perineal	Peroneal	Phalangeal
Pollex	Pubic	Sternal	Tarsal
Thoracic	Umbilical		

##### Posterior Surface:

Calcaneal	Cephalic	Dorsum	Gluteal
Lumbar	Occipital	Olecranal	Plantar
Popliteal	Sacral	Sural	Vertebral
Gluteal cleft	Gluteal fold		

##### Planes/Sections :

Frontal	Midsagittal	Oblique	Parasagittal
Transverse			

#### **Make sure that you can identify the following Body Cavities and identify Organs found in them:**

##### Dorsal Body Cavity:

Cranial	Spinal or Vertebral
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##### Ventral Body Cavity:

Abdominal	Pelvic	Abdominopelvic	Pericardial
Pleural	Thoracic		

#### **Be sure you can correctly use the following Directional terms:**

Superior/Inferior (Cephalic/Caudal)	Anterior/Posterior (Ventral/Dorsal)		
Medial/Lateral	Intermediate	Proximal/Distal	Superficial/Deep
Ipsilateral/Contralateral			

#### **Be able to place organs into the Abdominal Quadrants and Abdominopelvic regions:**

##### Quadrants:

Left Lower	Left Upper	Right Lower	Right Upper
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Abdominopelvic Regions:

Epigastric	Hypochondriac (L & R)	Hypogastric
Inguinal (L & R)	Lumbar (L & R)	Umbilical

**Be able to identify the following Serous membranes and cavities:**

Peritoneal cavity	Parietal Peritoneum	Visceral Peritoneum
Pericardial cavity	Parietal Pericardium	Visceral Pericardium
Pleural cavity	Parietal Pleura	Visceral Pleura

**Know the Organ systems of the body and their basic functions listed in your textbook. Be able to identify the following organs on models and charts:**

Endocrine system:

Thyroid	Adrenal glands	Ovaries	Testes
Pancreas	Pineal gland	Pituitary gland	

Cardiovascular System:

Heart	Artery	Vein
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Lymphatic System:

Spleen	Thymus	Lymph nodes
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Respiratory System:

Pharynx	Larynx	Trachea	Bronchi
Lungs			

Digestive System:

Oral Cavity	Esophagus	Small intestine	Large intestine
Liver	Pancreas	Stomach	Rectum
Anus	Appendix		

Urinary System:

Kidneys	Ureters	Bladder	Urethra
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Reproductive System:

Testes	Scrotum	Penis	Ovaries
Uterus	Vagina	Clitoris	Labia

Other Structures and Terms:

Diaphragm	Retroperitoneal	Mediastinum
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