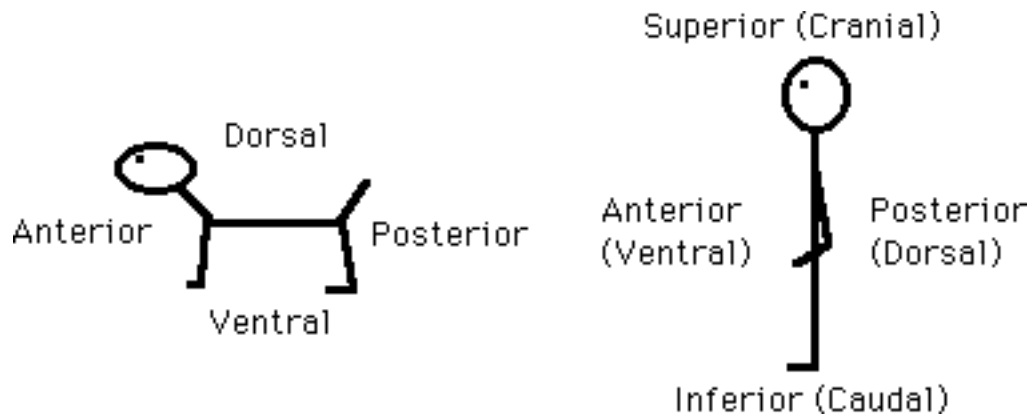


Introduction to the Human Body

1. Definitions (Page 2)
 - A. Anatomy
 - B. Physiology

2. Levels of Structural Organization (Pages 2-5) See handout as well.
 - A. Chemical Level
 - B. Cellular Level
 - C. Tissue Level
 - D. Organ Level
 - E. System Level
 - F. Organism

3. Essential Anatomical Terminology (Pages 6 - 13)
 - Anatomical Position (Figure 1.3)
 - A. Directional Terminology (Pages 6 ff)
 - i. Superior / Inferior
 - ii. Dorsal / Ventral



- iii. Anterior / Posterior (see figure 2.6; page 29)
- iv. Medial / Lateral
- v. Proximal / Distal
- vi. Superficial / Deep

B. Planes (Page 8 - 9)

- i. Frontal Plane
- ii. Sagittal Plane
- iii. Transverse Plane
- iv. Oblique Plane

C. Major Body Regions (Page 8, figure 1.4)

- i. Cephalic
- ii. Nasal
- iii. Buccal
- iv. Oral
- v. Cervical

- vi. Sternal
- vii. Axillary
- viii. Brachial
- viv. Antebrachial
- x. Abdominal
- xi. Umbilical
- xii. Inguinal
- xiii. Pubic

D. Body Cavities (Page 9 - 12) (See also handout on Body Cavities)

- i. Dorsal Body Cavity
 - a. Cranial Cavity
 - b. Spinal Cavity

ii. Ventral Body Cavity

- * Diaphragm

- * Viscera

a. Thoracic Body Cavity

- Mediastinum

- Pericardial Cavity

- * Parietal Pericardium

- * Visceral Pericardium

- * Pericardial Fluid

- * Pleural Body Cavity

- * Parietal Pleura

- * Visceral Pleura

- * Pleural Fluid

b. Abdominopelvic Cavity (Page 11 - 13; See also handout)

- General Regions of Abdominopelvic Cavity

- * Abdominal Cavity

- * Pelvic Cavity

- Parietal Peritoneum

- Visceral Peritoneum

- Mesentery
- Peritoneal Fluid
- Intraperitoneal
- Retroperitoneal

4. Homeostasis (See handout on Homeostasis and Stress) (Pages 13 - 16)

A. Feedback Systems (Page 13-16)

- i. Negative Feedback System
- ii. Positive Feedback System

B. Stress

- i. Stress and Aging

C. Disease (Page 15)

- i. Stress and Aging