

Learning Objectives

Terms Related to..

- Anatomical Positions
- Planes
- Trunk
- Upper limb
- Lower limb
- Embryology

Continued...

- Body movements
- Muscles
- Vessels
- Bones
- Body Cavities
- Clinical Anatomy



Figure 2.22. In the anatomical position, the body is erect, the feet parallel, the eyes directed forward, and the arms to the sides with the palms directed forward. (a) anterior view; (b) lateral view; and (c) posterior view.



Anterior view



Lateral view

The anatomical position. All terms of direction are made in reference to a persons standing in anterior view.

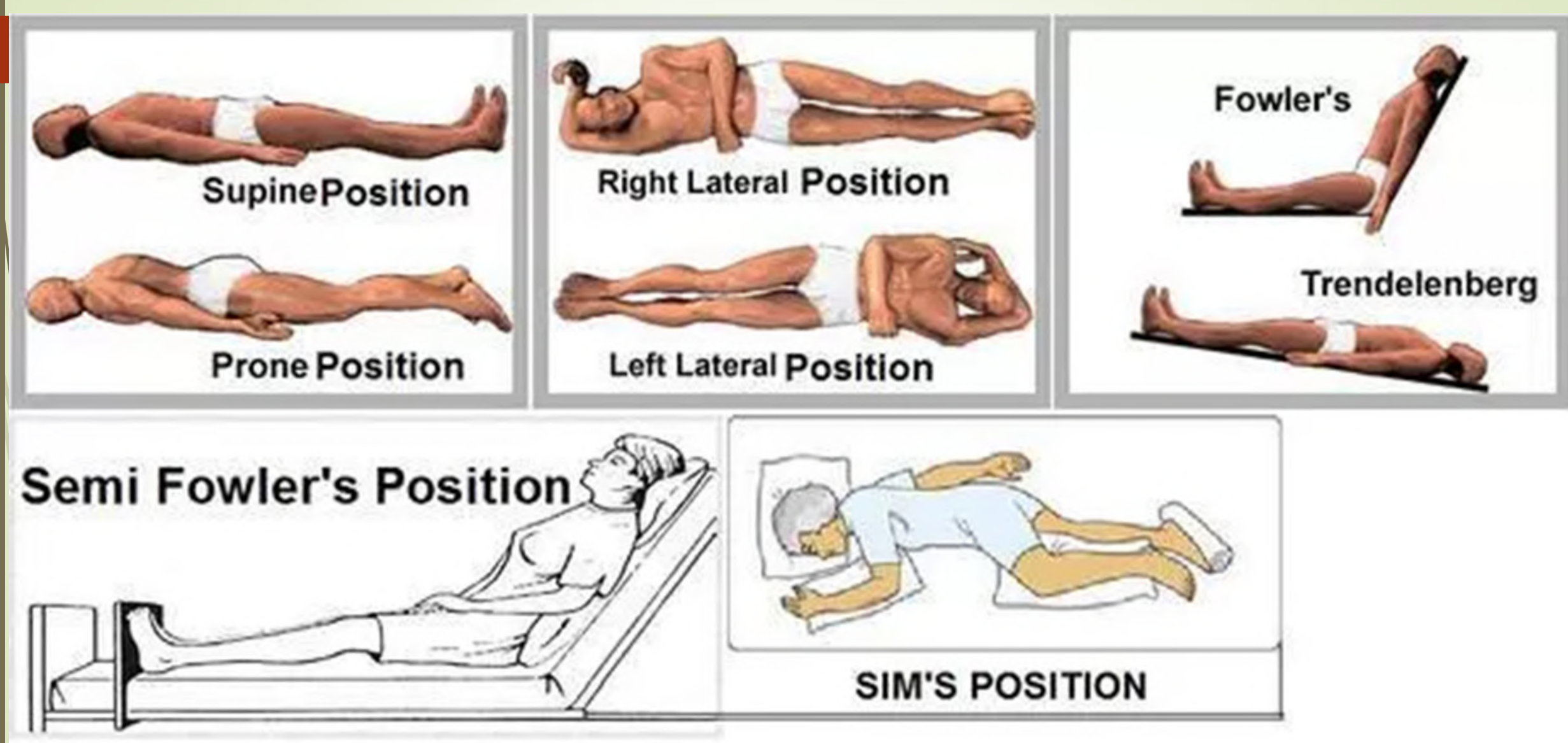


Figure 2 Lithotomy position.

Notes: The participant's pelvis was positioned on a BIG-MAT2000P3BS® sheet placed on the operating table mattress. The 3 cm mattress was made from flexible polyurethane foam in a single-layer structure; the table was an electric operating table class IB®.



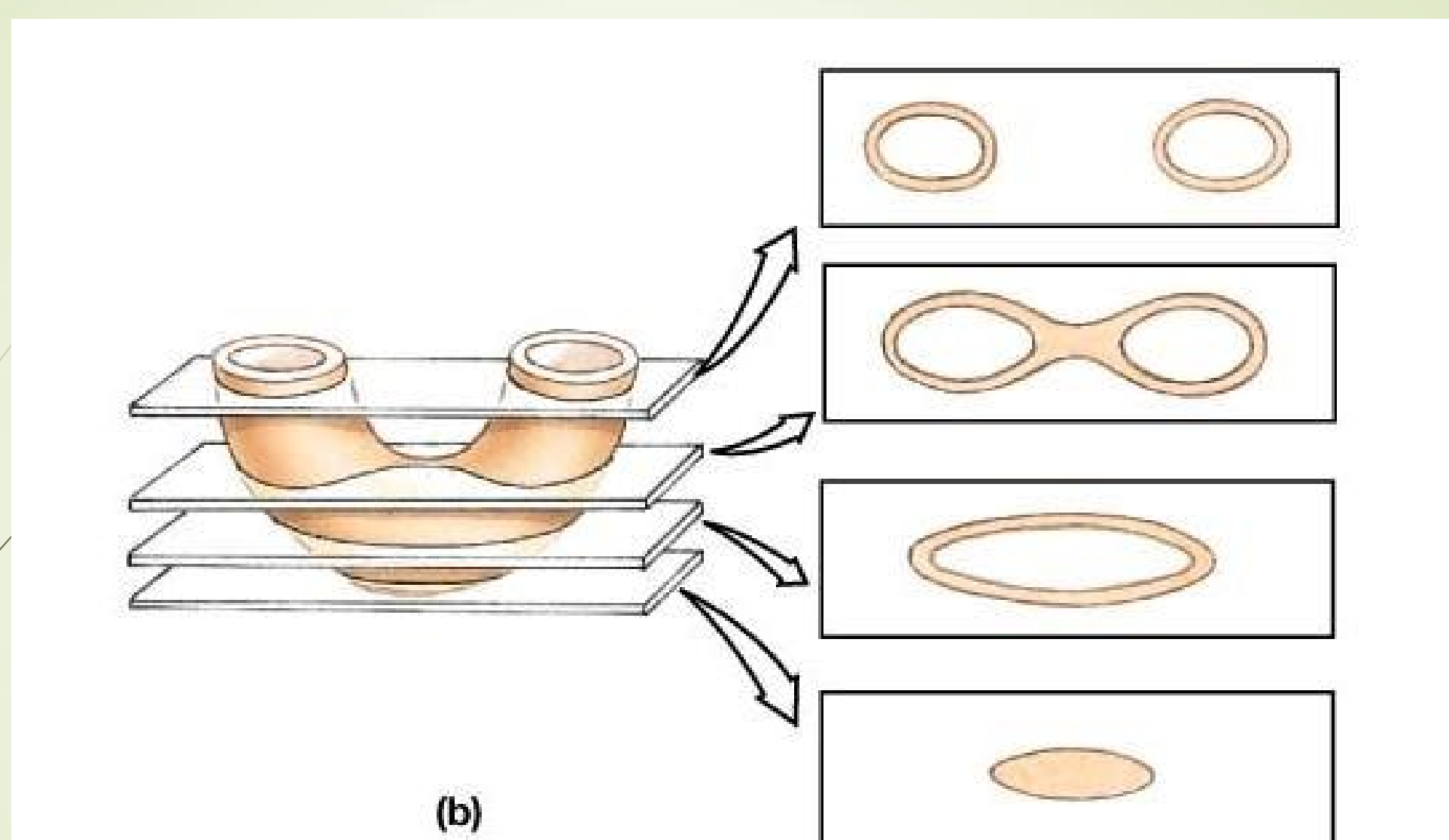
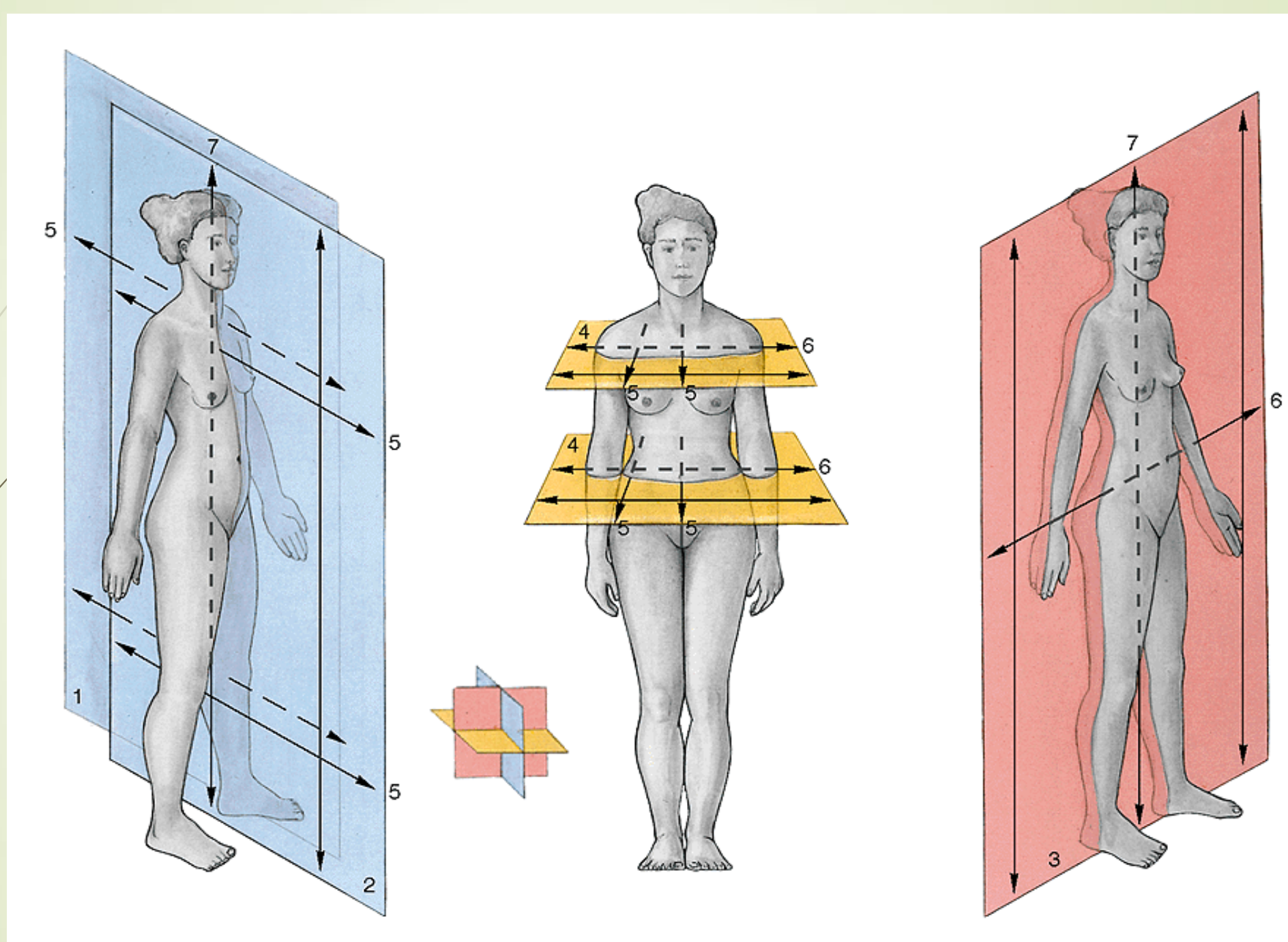
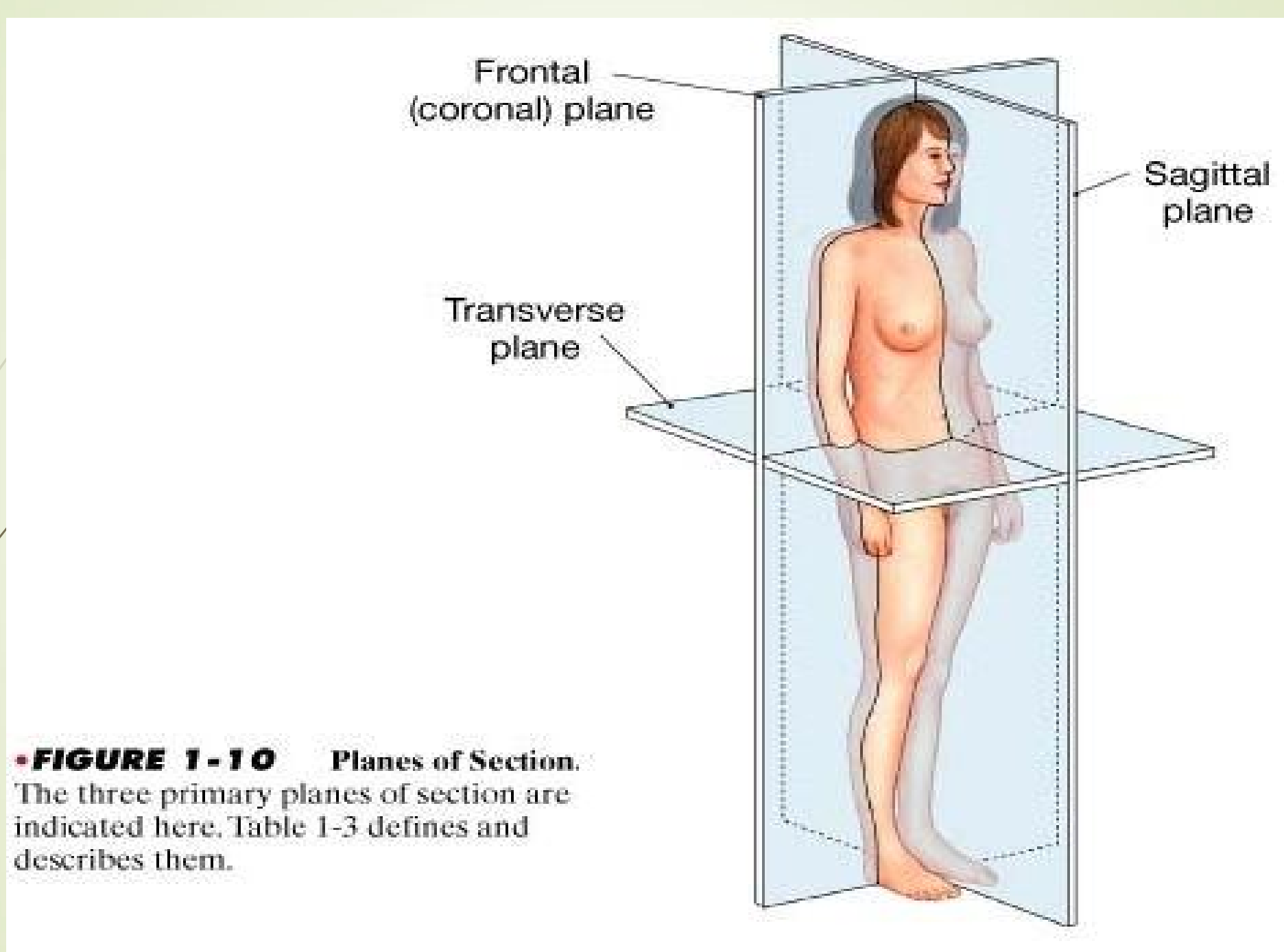
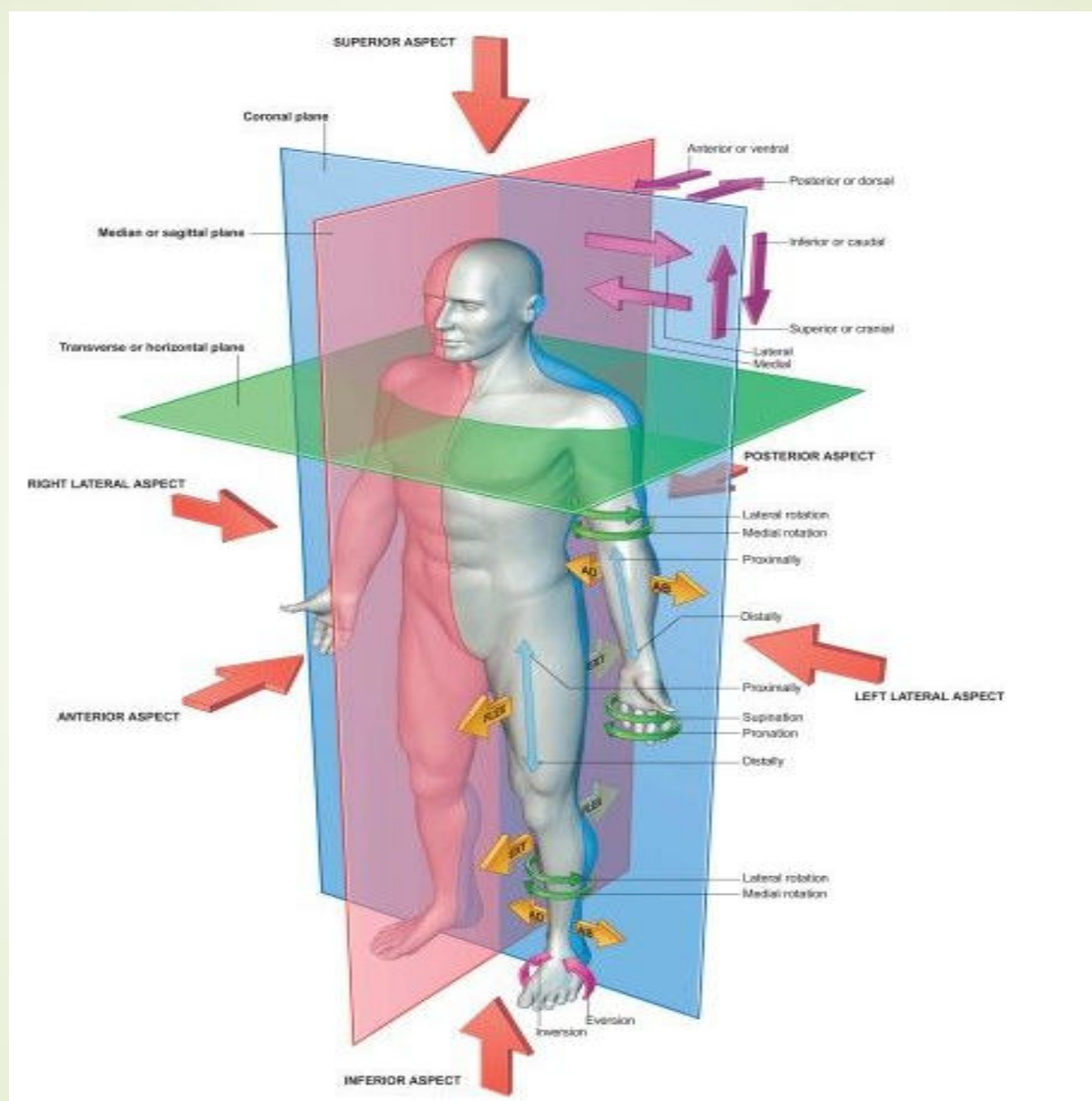
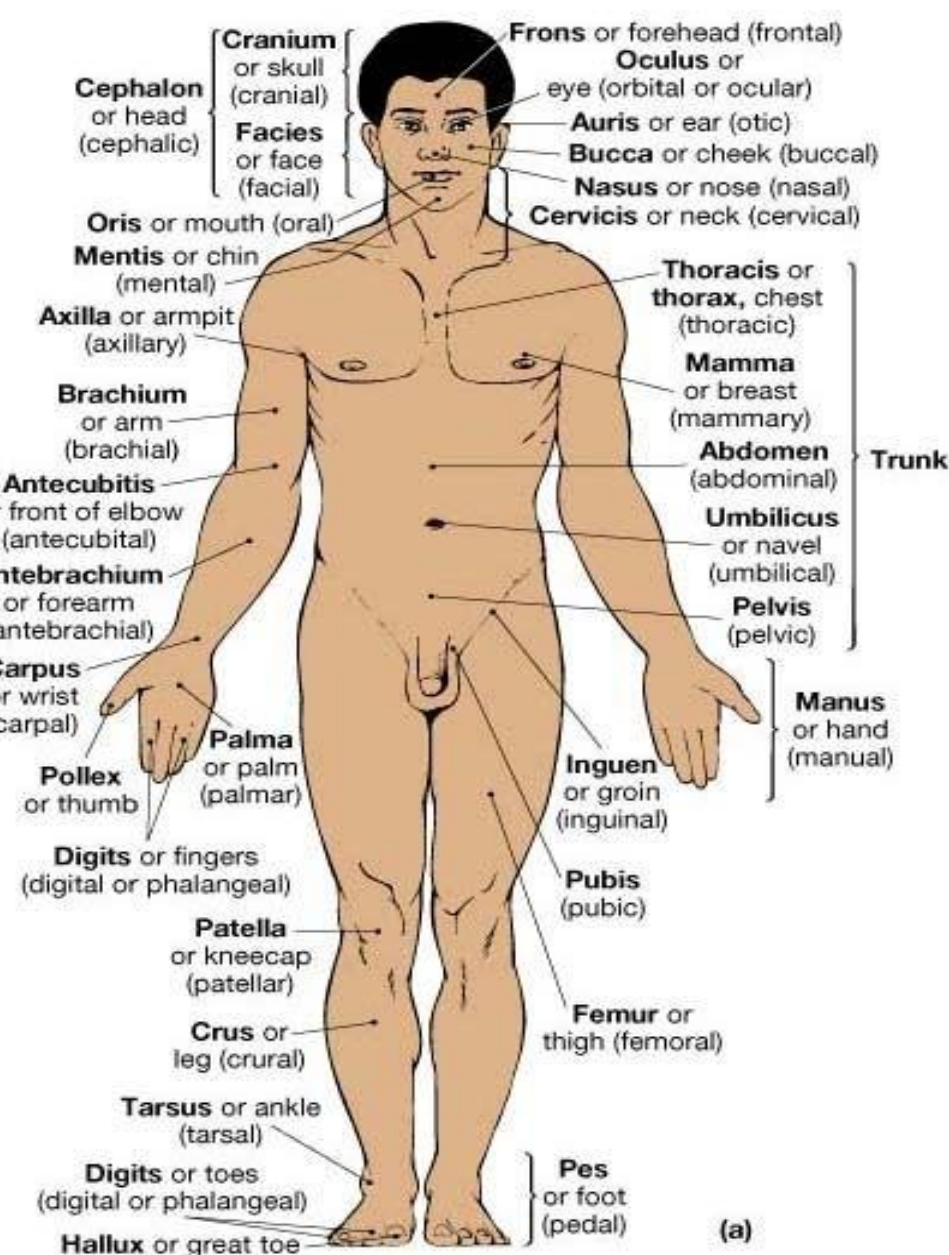
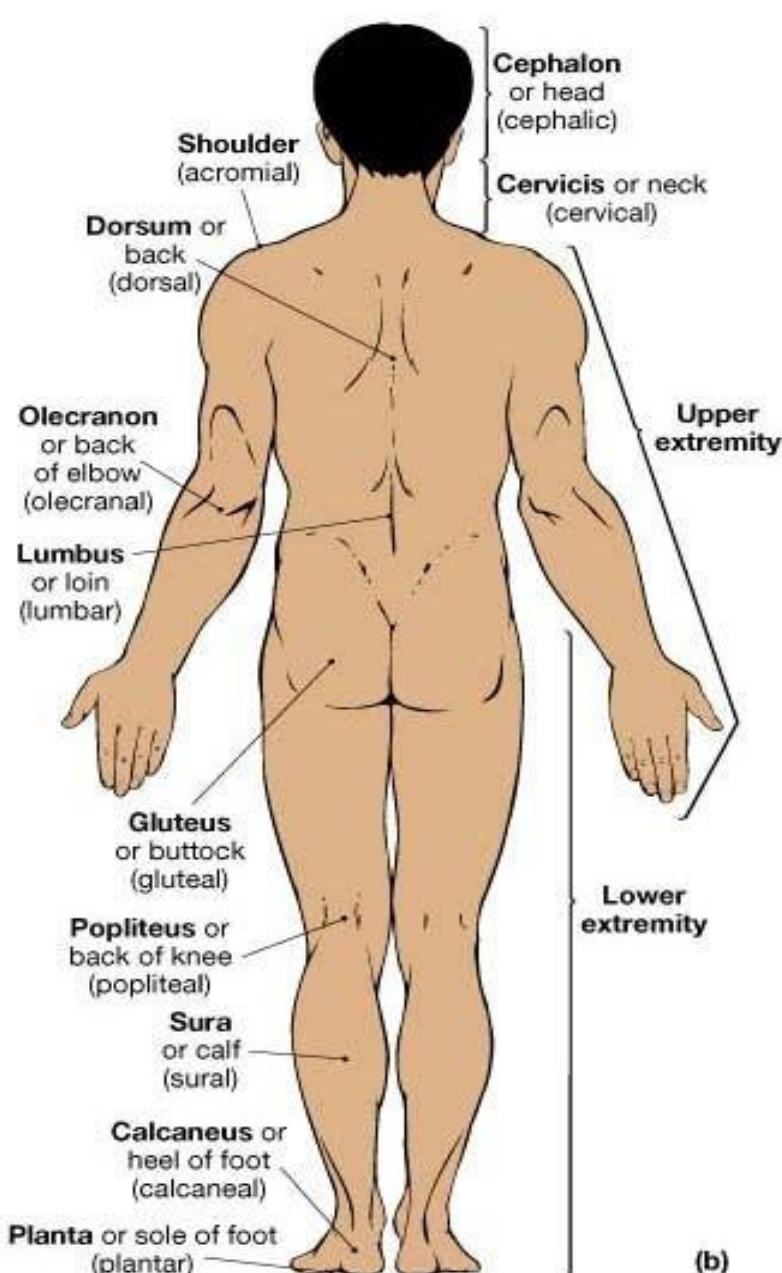


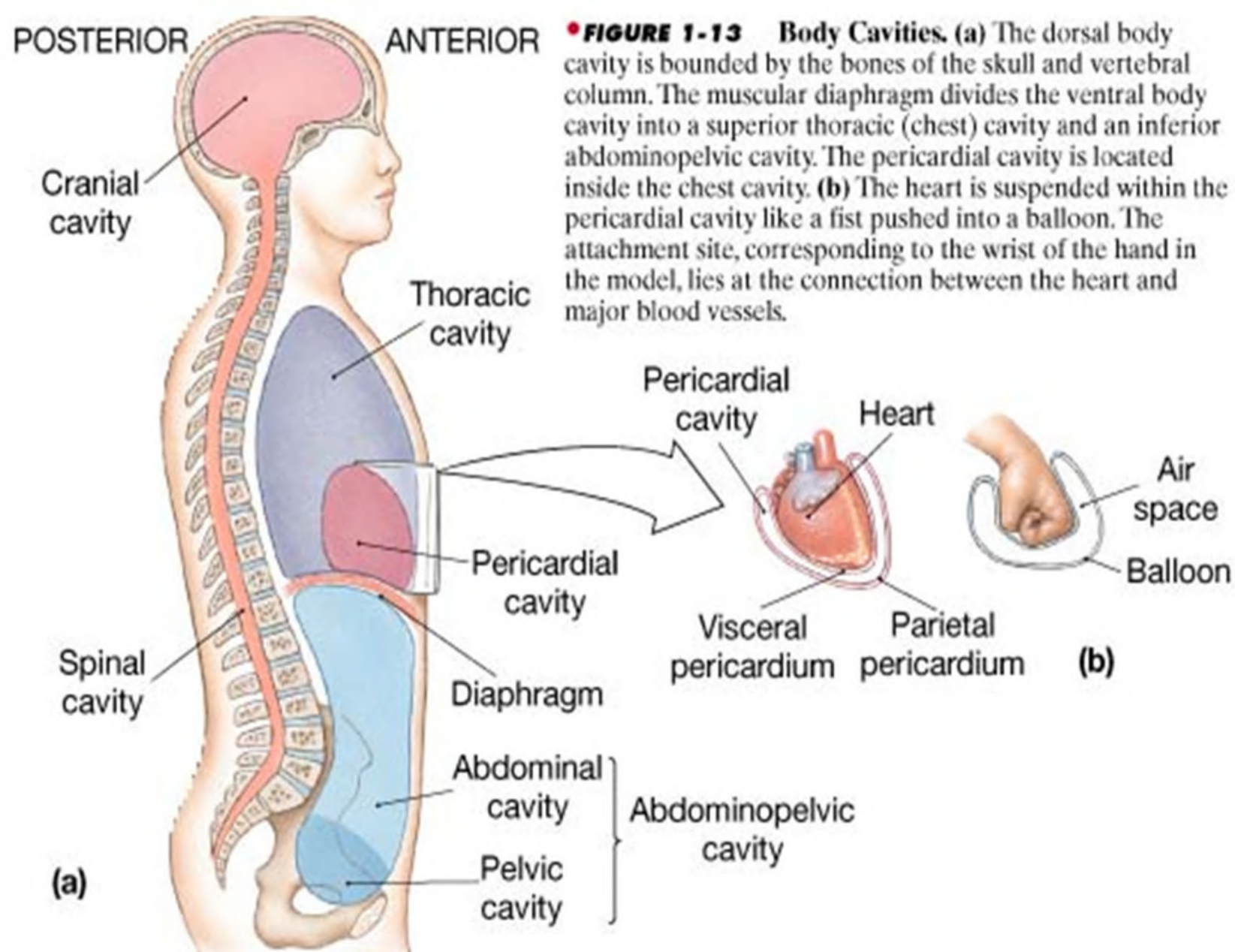
FIGURE 1-11 Sectional Planes and Visualization. (b) More complete pictures can be assembled by taking a series of sections at small intervals. This process is called serial reconstruction.



• **FIGURE 1-7 Anatomical Landmarks.** The anatomical terms are shown in boldface type, the common names in plain type, and the anatomical adjectives in parentheses.

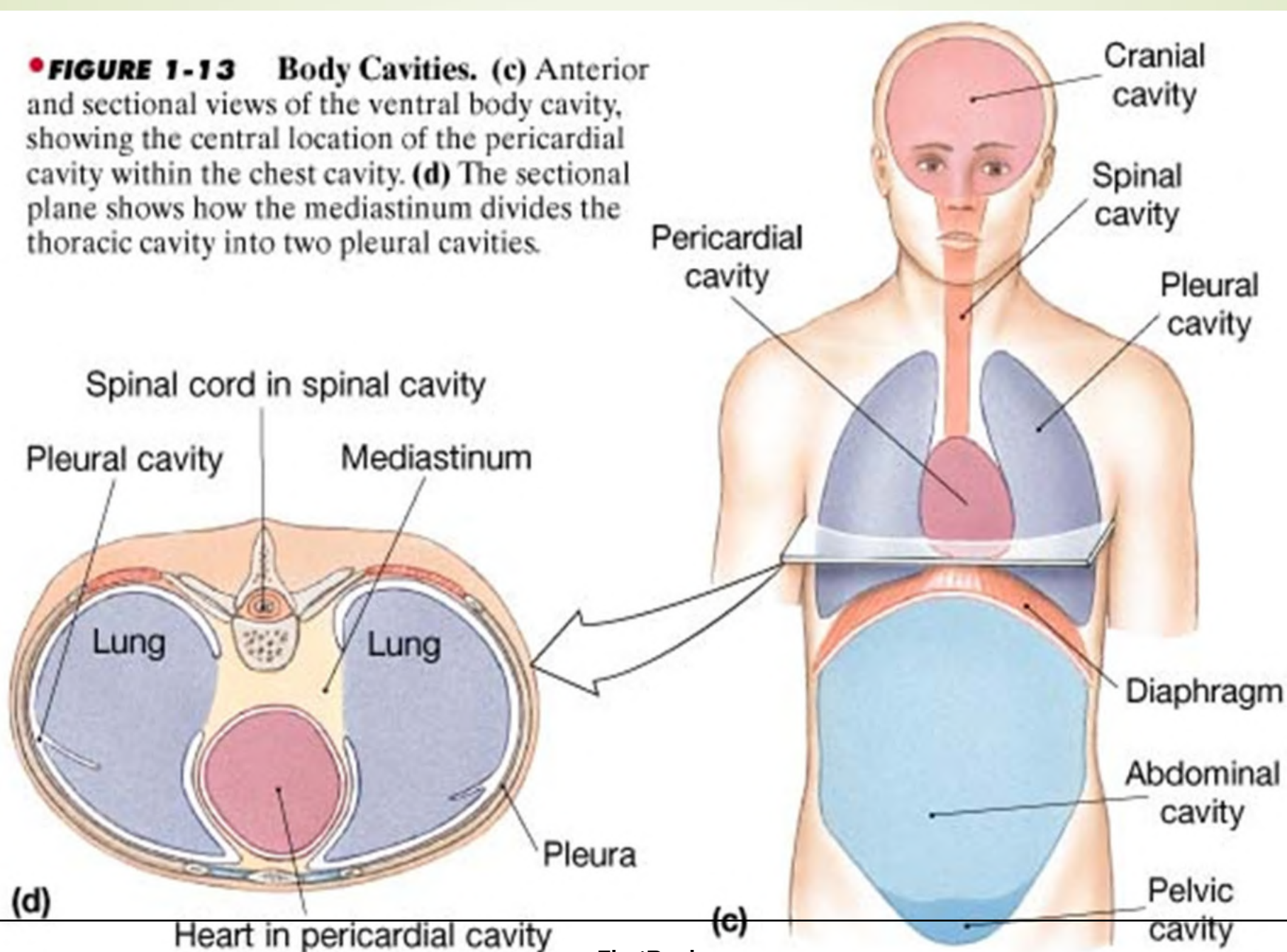


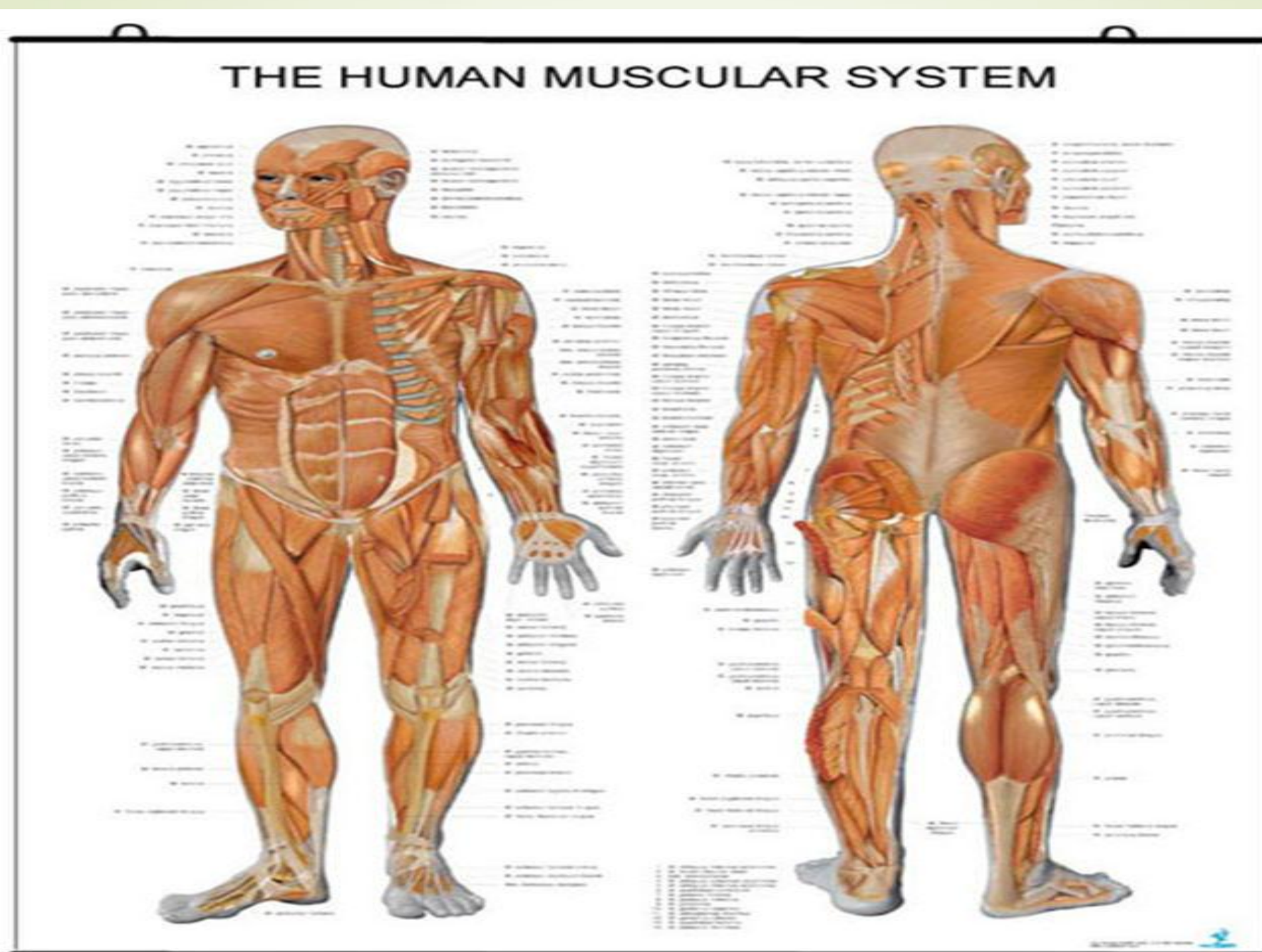
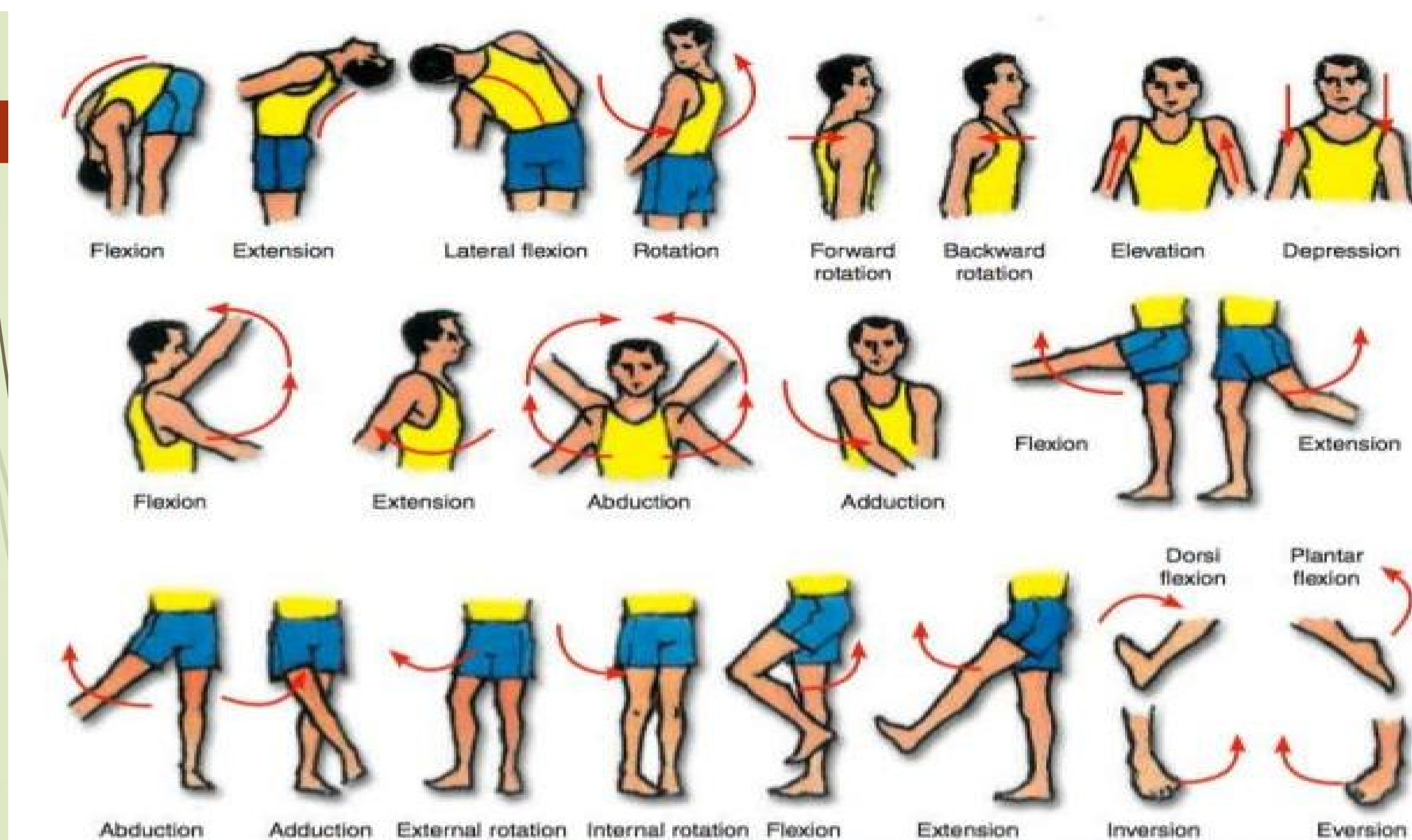
• **FIGURE 1-7 Anatomical Landmarks.** The anatomical terms are shown in boldface type, the common names in plain type, and the anatomical adjectives in parentheses.



• **FIGURE 1-13 Body Cavities.** (a) The dorsal body cavity is bounded by the bones of the skull and vertebral column. The muscular diaphragm divides the ventral body cavity into a superior thoracic (chest) cavity and an inferior abdominopelvic cavity. The pericardial cavity is located inside the chest cavity. (b) The heart is suspended within the pericardial cavity like a fist pushed into a balloon. The attachment site, corresponding to the wrist of the hand in the model, lies at the connection between the heart and major blood vessels.

• **FIGURE 1-13 Body Cavities.** (c) Anterior and sectional views of the ventral body cavity, showing the central location of the pericardial cavity within the chest cavity. (d) The sectional plane shows how the mediastinum divides the thoracic cavity into two pleural cavities.

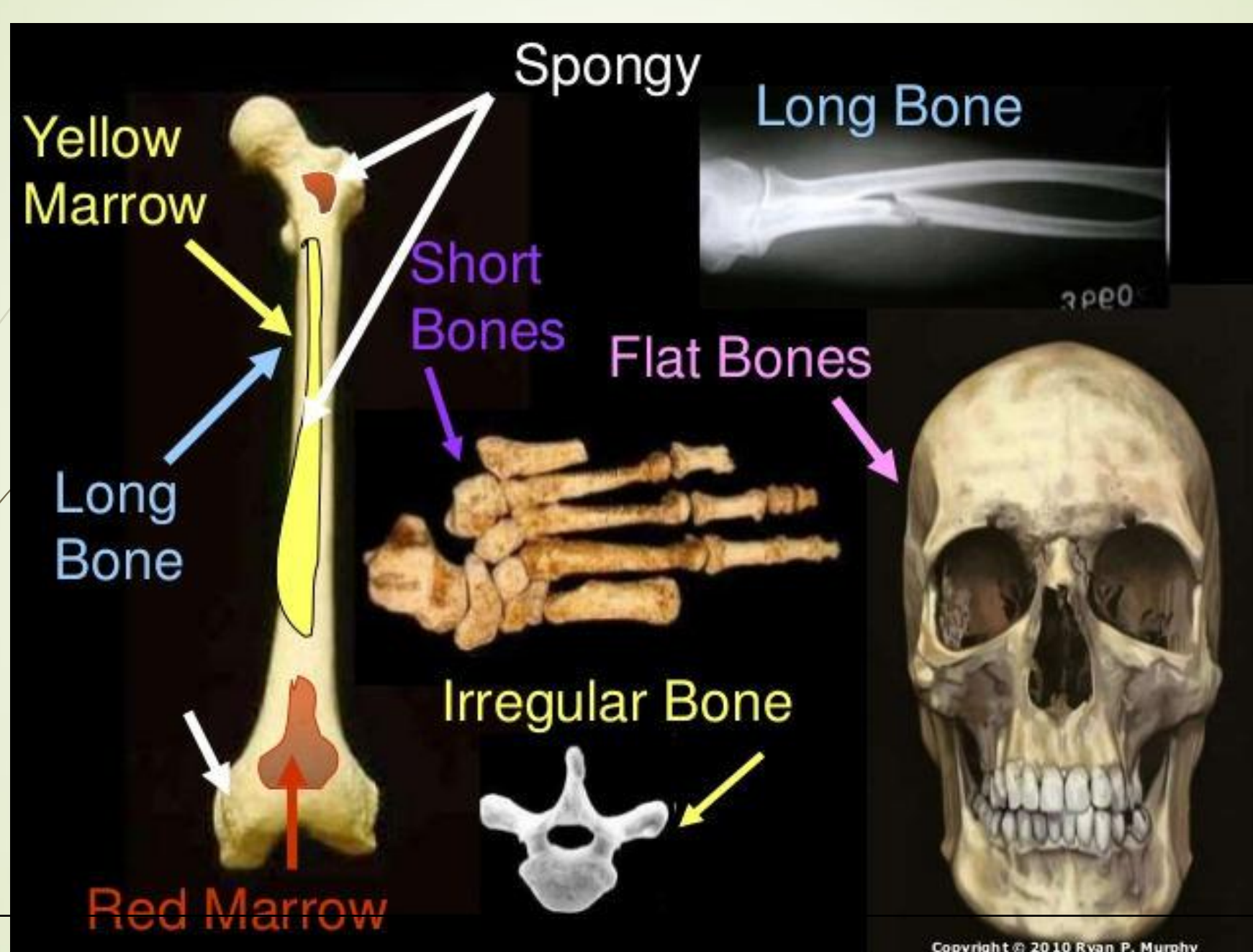




What would happen if humans did not have bones?

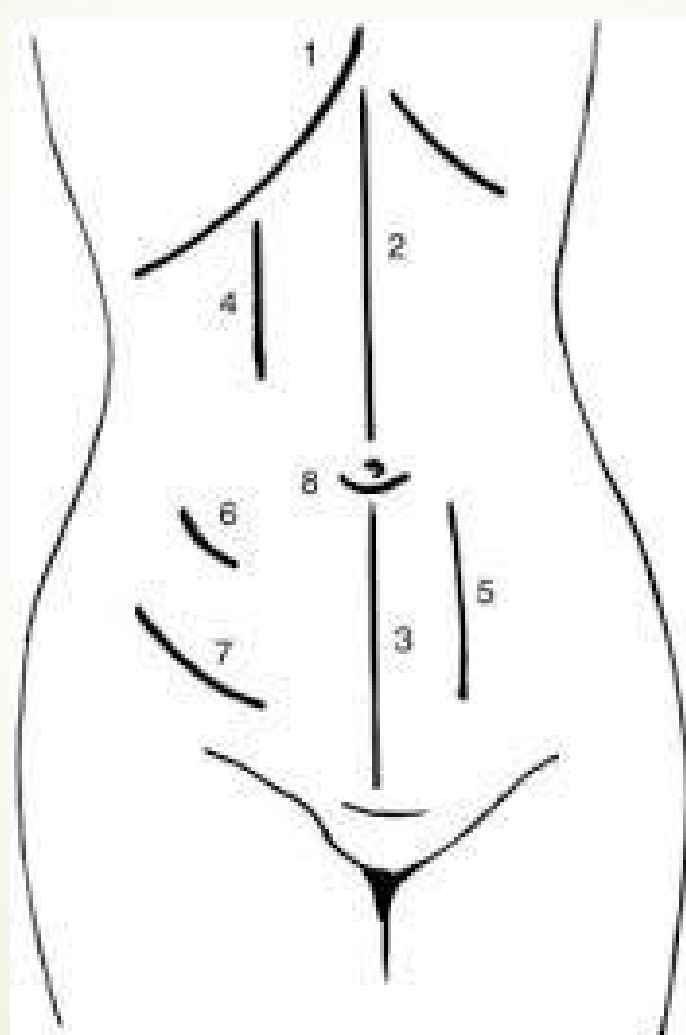
Psychrolutes microporos AMS 142771-001

Just call me Blob!



Mental Exercise

Name the Incisions by using anatomical Terms



Name Different Positions at Different Joints

