

Anatomical Terminology- Lab

Purpose:

Sometimes the beginning anatomy and physiology student feels a bit overwhelmed by the amount of medical vocabulary. New words of medical significance seem to constitute an entirely new language and must be mastered along with a whole series of equally new scientific concepts.

The purpose of this lesson is to expand on some basic anatomical vocabulary by offering practice in working with contemporary medical terminology.

If you are going into a health care profession, this lesson should serve as a springboard for your future exposure to medical terminology. If you are not planning on a health care profession, this exercise should provide basic background material for some of the terminology you will encounter as you explore the fields of anatomy and physiology.

Materials: List of prefixes and suffixes, answer sheet

Procedure:

1. Study your lists of prefixes and suffixes common to anatomical and physiological terms. The forms given here are in their most common prefix or suffix form. Sometimes a prefix or suffix can be used as a different part of a word and still retain the original meaning. Sometimes, too, you will notice that an additional letter or symbol has been added to a known stem to smooth out the pronunciation of the word. Don't let that worry you!
2. Keep in mind, too, that this list is not complete. Unfortunately, some prefixes and suffixes are not included. Be certain to add to this list any additional prefixes or suffixes you find. Also, in your studies you may encounter numerous examples of words that you think you might know but that do not seem to be exactly what you have learned. Carefully examine such terms and be confident in determining whether the altered form is what you think it is. Some very similar terms have very different meanings but others are exactly what you think they are. If you know the basic meanings, you will usually be able to determine what the derived meanings are.
3. Remember, very few new words exist in anatomy and physiology. Most words are combinations of words you already know.
4. Use the list of prefixes and suffixes. Take apart each of the following words and define the components on your data sheet. What do you think is a logical definition of the word?

- | | | |
|-----------------------|-------------------|------------------------|
| a. Megakaryocyte | i. Mesoderm | r. Glycosuria |
| b. Rhinoplasty | j. Polysaccharide | s. Arthroscopy |
| c. Antiseptic | k. Myeloblast | t. Physiology |
| d. Psychosomatic | l. Hepatocyte | u. Otorhinolaryngology |
| e. Muscular dystrophy | m. Atelectasis | v. Orchidectomy |
| f. Aseptic | n. Autolysis | w. Interdental |
| g. Pyorrhea | o. Lipoma | x. Hyperglycemia |
| h. Osteocyte | p. Neuralgia | y. Hydrocephalia |
| | q. Cholecystitis | |

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Answer Sheet

Define Parts

- a. _____
- b. _____
- c. _____
- d. _____
- e. _____
- f. _____
- g. _____
- h. _____
- i. _____
- j. _____
- k. _____
- l. _____
- m. _____
- n. _____
- o. _____
- p. _____
- q. _____
- r. _____
- s. _____
- t. _____
- u. _____
- v. _____
- w. _____
- x. _____
- y. _____

Most Logical Definition

- a. _____
- b. _____
- c. _____
- d. _____
- e. _____
- f. _____
- g. _____
- h. _____
- i. _____
- j. _____
- k. _____
- l. _____
- m. _____
- n. _____
- o. _____
- p. _____
- q. _____
- r. _____
- s. _____
- t. _____
- u. _____
- v. _____
- w. _____
- x. _____
- y. _____