

Колеги, задачата за **8- ма** седмица е следната:

На стр. 143 **Table 8-1 Word parts pertaining to Drug**

В първата колонка са т.н. **терминообразуващи елементи –suffixes, prefixes, roots** за които сме говорили първия семестър. В тази таблица те се отнасят за лекарства .

1.**Преведете** на български значението на всеки елемент

2.Направете **exercise 8-1** след таблицата

Срок 12.04.

Лека работа и бъдете здрави.

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| | |
|---|--|
| contraindication <i>kon-tra-in-di-KĀ-shun</i> | A factor that makes the use of a drug undesirable or dangerous |
| efficacy <i>EF-i-ka-sē</i> | The power to produce a specific result; effectiveness |
| generic name | The nonproprietary name of a drug, that is, a name that is not privately owned or trademarked; usually a simplified version of the chemical name; not capitalized |
| potentiation <i>pō-ten-shē-Ā-shun</i> | Increased potency created by two drugs acting together |
| prescription (Rx) <i>prē-SKRIP-shun</i> | Written and signed order for a drug with directions for its administration |
| side effect | An undesirable effect of treatment with a drug or other form of therapy |
| substance dependence | A condition that may result from chronic use of a drug, in which a person has a chronic or compulsive need for a drug regardless of its adverse effects; dependence may be psychological or physical |
| synergy <i>SIN-er-jē</i> | Combined action of two or more drugs working together to produce an effect greater than any of the drugs could produce when acting alone; also called synergism (<i>SIN-er-jizm</i>) |
| tolerance | A condition in which chronic use of a drug results in loss of effectiveness and the dose must be increased to produce the original response |
| trade name | The brand name of a drug, a registered trademark of the manufacturer; written with a capital letter |
| withdrawal | A condition that results from cessation or reduction of a drug that has been used regularly |

TABLE 8-1 Word Parts Pertaining to Drugs

| WORD PART | MEANING | EXAMPLE | DEFINITION OF EXAMPLE |
|-----------------|---------------------------------|--|--|
| SUFFIXES | | | |
| -lytic | dissolving, reducing, loosening | anxiolytic <i>ang-zī-ō-LIT-ik</i> | agent that reduces anxiety |
| -mimetic | mimicking, simulating | sympathomimetic <i>sim-pa-thō-mi-MET-ik</i> | mimicking the effects of the sympathetic nervous system |
| -tropic | acting on | inotropic <i>in-ō-TROP-ik</i> | acting on the force of muscle contraction (<i>in/o</i> means "fiber") |
| PREFIXES | | | |
| anti- | against | antidote <i>AN-ti-dōt</i> | substance that counteracts a poison |

TABLE 8-1 Word Parts Pertaining to Drugs, *continued*

| WORD PART | MEANING | EXAMPLE | DEFINITION OF EXAMPLE |
|----------------------------|----------------------|---|--|
| contra- | against | contraceptive <i>kon-tra-SEP-tiv</i> | preventing conception |
| counter- | opposite, against | countercurrent <i>kown-ter-KUR-ent</i> | flowing in an opposite direction |
| ROOTS | | | |
| alg/o, algi/o, algesi/o | pain | algesic <i>al-JĒ-sik</i> | painful |
| chem/o | chemical | chemotherapy <i>kĕ-mō-THER-a-pĕ</i> | treatment with drugs |
| hypn/o | sleep | hypnosis <i>hip-NŌ-sis</i> | an altered state with increased responsiveness to suggestion |
| narc/o | stupor | narcotic <i>nar-KOT-ik</i> | drug that induces stupor |
| pharmac/o | drug | pharmacy <i>FAR-ma-sĕ</i> | the science of preparing and dispensing drugs, or the place where these activities occur |
| pyr/o, pyret/o | fever | antipyretic <i>an-ti-pĭ-RET-ik</i> | counteracting fever |
| tox/o, toxic/o | poison, toxin | toxic <i>TOK-sik</i> | poisonous |
| vas/o | vessel | vasomotor <i>vas-ō-MŌ-tor</i> | pertaining to change in vessel diameter |



Exercise 8-1

Identify and define the suffix in each of the following words:

| | Suffix | Meaning of Suffix |
|---|--------|-------------------|
| 1. thrombolytic (<i>throm-bō-LIT-ik</i>) | _____ | _____ |
| 2. parasympathomimetic (<i>par-a-sim-pa-thō-mi-MET-ik</i>) | _____ | _____ |
| 3. chronotropic (<i>kron-ō-TROP-ik</i>) | _____ | _____ |

Using the prefixes listed in Table 8-1, write the opposite of each of the following words:

| | |
|-----------------|-------|
| 4. pyretic | _____ |
| 5. indicated | _____ |
| 6. inflammatory | _____ |
| 7. balance | _____ |
| 8. septic | _____ |
| 9. conception | _____ |

Identify and define the root in each of the following words:

| | Root | Meaning of Root |
|----------------|-------|-----------------|
| 10. hypnotic | _____ | _____ |
| 11. toxicity | _____ | _____ |
| 12. chemistry | _____ | _____ |
| 13. narcosis | _____ | _____ |
| 14. pharmacist | _____ | _____ |

Define each of the following words:

| | |
|----------------------|-------|
| 15. vasoconstriction | _____ |
| 16. pharmacology | _____ |
| 17. gonadotropic | _____ |
| 18. antitoxin | _____ |

| ABBREVIATIONS | | | | |
|------------------------------------|--|-----------------|---|----------------------------------|
| Drugs and Drug Formulations | | | | |
| APAP | Acetaminophen | ac | Before meals (Latin, <i>ante cibum</i>) | |
| ASA | Acetylsalicylic acid (aspirin) | ad lib | As desired (Latin, <i>ad libitum</i>) | |
| cap | Capsule | aq | Water (Latin, <i>aqua</i>) | |
| elix | Elixir | bid | Twice a day (Latin, <i>bis in die</i>) | |
| FDA | Food and Drug Administration | c̄ | With (Latin, <i>cum</i>) | |
| INH | Isoniazid (antitubercular drug) | cc | Cubic centimeter | |
| MED(s) | Medicine(s), medication(s) | D/C, dc | Discontinue | |
| NCCAM | National Center for Complementary and Alternative Medicine | ds | Double strength | |
| NSAID(s) | Nonsteroidal anti-inflammatory drug(s) | gt(t) | Drop(s) (Latin, <i>gutta</i>) | |
| ODS | Office of Dietary Supplements | hs | At bedtime (Latin, <i>hora somni</i>) | |
| OTC | Over-the-counter | IM | Intramuscular(ly) | |
| PDR | <i>Physicians' Desk Reference</i> | IU | International unit | |
| Rx | Prescription | IV | Intravenous(ly) | |
| supp | Suppository | mcg | Micrograms | |
| susp | Suspension | mg | Milligrams | |
| tab | Tablet | LA | Long-acting | |
| tinct | Tincture | NS | Normal saline | |
| USP | <i>United States Pharmacopeia</i> | p | After, post | |
| ung | Ointment | pc | After meals (Latin, <i>post cibum</i>) | |
| Dosages and Directions | | | po | By mouth (Latin, <i>per os</i>) |
| ā | Before (Latin, <i>ante</i>) | pp | Postprandial (after a meal) | |
| āā | Of each (Greek, <i>ana</i>) | prn | As needed (Latin, <i>pro re nata</i>) | |
| | | qam | Every morning (Latin, <i>quaque ante meridiem</i>) | |
| | | qd | Every day (Latin, <i>quaque die</i>) | |
| | | qh | Every hour (Latin, <i>quaque hora</i>) | |
| | | q ____ h | Every ____ hours | |