



BAKER COLLEGE
STUDENT LEARNING OUTCOMES
DHY1610 Pharmacology for the Dental Hygienist
2 Semester Hours

Student Learning Outcomes and Enabling Objectives

1. Name the reference sources for their patient's medications.
2. Identify the generic and brand names of common medications.
3. Describe the actions of different classes of drugs.
 - a. Describe log-dose effects.
 - b. Describe routes of administration.
 - c. Describe pharmacokinetics.
4. List the adverse reactions of drugs.
 - a. List side effects.
 - b. List adverse reactions.
 - c. List interactions.
5. Identify the indications for common medications.
6. List the components of a prescription.
7. Compare and contrast the sympathetic nervous system and the parasympathetic nervous system (Autonomic Nervous System).
8. Identify the indications, dental considerations, and examples of autonomic drug classes.
 - a. Identify cholinergic drugs.
 - b. Identify anticholinergic drugs.
 - c. Identify adrenergic drugs.
 - d. Identify adrenergic blocking agents.
9. Compare and contrast nonopioid medications.
 - a. Compare and contrast Salicylates.
 - b. Compare and contrast NSAIDS.
 - c. Compare and contrast acetaminophen.
 - d. Compare and contrast narcotic analgesic drugs.
10. List analgesic drugs.
 - a. List dental indications.
 - b. List adverse reactions.
11. Identify the common analgesic medications.
12. Compare and contrast the different classes of anti-infective medications.
13. List anti-infective medications.
 - a. List indications.
 - b. List side effects.

- c. List adverse reactions.
 14. Identify patients needing antibiotic prophylaxis and understand the recommended drug regimens.
 15. Identify the common antiviral and antifungal medications.
 16. List antiviral and antifungal agents.
 - a. List indications.
 - b. List side effects.
 - c. List dental implications.
 17. Describe the medications used in local, general, and topical anesthesia.
 18. Discuss the indications and contraindications of vasoconstrictors in local anesthetics used in dentistry.
 19. Describe the dental implications of common medications.
 20. Describe the treatment modifications necessary due to a patient's medications.
 21. Identify the drug classes of common medications.
 - a. Identify antianxiety agents.
 - b. Identify anticoagulants.
 - c. Identify cardiovascular drugs.
 - d. Identify anticonvulsants.
 - e. Identify psychotherapeutics.
 - f. Identify steroids/hormones.
 - g. Identify respiratory drugs.
 - h. Identify gastrointestinal drugs.
 22. Identify the common oral diseases and how they are treated.
 23. Identify the oral effects of common medications.
 24. Identify the drugs in the clinic's emergency kit and understand the indications for their use.
 25. Discuss the implications of drug use during pregnancy and breast-feeding.
 26. Identify the common medications abused by patients.
 - a. Identify CNS depressants.
 - b. Identify CNS stimulants.
 - c. Identify hallucinogens.
 27. Discuss the dental implications of drug abuse.
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These SLOs are not approved for experiential credit.

Effective: Fall 2017