Pharmacology for Pharmacy Technicians 4th edition Moscou Test Bank

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Test Bank - Chapter 01

Q: By which of the following routes are drugs administered directly into the bloodstream?

A. Enteral
B. Transdermal
C. Transmucosal
D. Intravenous (Correct)

Q: Fentanyl is used as a _____.

A. synthetic anesthetic
B. synthetic analgesic (Correct)
C. natural analgesic
D. natural anesthetic

Q: To help reduce nausea, the natural drug _____ can be used.

A. digitalis
B. peppermint (Correct)
C. caffeine
D. quinine

Q: Which of the following options results in an *untrue* statement about pharmacy technicians? Pharmacy technicians who possess a good knowledge of pharmacology understand the importance of _____.

A. drug interactions
B. therapeutic duplication
C. lab values (Correct)
D. excessive dose alerts

Q: Which of the following was passed to protect the public from ineffective and harmful drugs and later expanded to standardize new drugs getting to market?

A. Durham-Humphrey Amendment
B. Controlled Substance Act
C. Pure Food and Drug Act (Correct)
D. Combat Methamphetamine Epidemic Act

Q: Which of the following is the phase of the drug approval process that initially determines the safety and efficacy in those with the disease being studied?

A. Phase 1
B. Phase 2 (Correct)
C. Phase 3
D. Phase 4

Q: Which of the following is the phase of the drug approval process that determines effectiveness of the drug in healthy volunteers?

A. Phase 1 (Correct)

B. Phase 2
C. Phase 3
D. Phase 4

Q: One of the main purposes of drug therapy is to _____.

A. analyze symptoms
B. maintain side effects produced by drug therapy
C. eradicate disease
D. help cure disease (Correct)

Q: The streamlined generic drug approval process is a result of which of the following acts?

A. Patent Restoration Act
B. Pure Food, Drug, and Cosmetic Act
C. Food and Drug Administration Reauthorization Act
D. Drug Price Competition Act (Correct)

Q: How does Combat Methamphetamine Epidemic Act (CMEA) of 2005 help deter the illegal manufacture of synthetic drugs?

A. It has taken all ingredients that could be used to make illegal drugs off the market.
B. It helps regulate controlled substances by placing them in various schedules based on abuse potential.
C. It provides a provision to have certain products placed behind the counters out of general public reach. (Correct)
D. It has helped health care workers easily identify controlled substances by requiring identifying symbols on each of the drug labels.

Q: Which step is *not* part of the drug development process?

A. Clinical research
B. Clinical studies
C. New drug application process
D. Marketing (Correct)

Q: The proprietary name of a drug is assigned by the _____.

A. manufacturer (Correct)
B. CDER Labeling and Nomenclature Committee
C. New Drug Application reviewer
D. FDA

Q: Why must a customer go to the pharmacy to purchase pseudoephedrine?

A. Labeling confusion of the product has shown that counseling must be provided by the pharmacist.
B. Too much of the product was shown to cause serious adverse effects and therefore the drug needs to be regulated by pharmacy staff.
C. Placement in the pharmacy out of direct customer access helps to monitor the sale of the drug. (Correct)
D. Where the product is stocked depends on directions for use found on package labeling.

Q: Which of the following auxiliary labels should *always* be placed on a prescription for an oral suspension?

A. Take with food.
B. Store in the refrigerator.
C. Take with lots of water.
D. Shake well before each use. (Correct)

Q: Which of the following routes would have the fastest onset of action?

A. Oral
B. Intravenous (Correct)
C. Topical
D. Inhalation

Q: Why can't ear drops be placed in the eye, but eye drops can be placed in the ear?

A. Ear drops are more viscous, thereby reducing the absorption through the eye.
B. Ear drops do not contain the special enzymes that are necessary in eye drops.
C. Ear drops are not sterile, and only sterile products should be used in the eye. (Correct)
D. Medication errors can happen once the patient uses the medication.

Q: Which of the following is *not* classified as a behind-the-counter (BTC) drug?

A. Motrin (Correct)
B. Pseudoephedrine
C. Sudafed
D. Insulin

Q: Properties of the drug, such as pH and water or lipid solubility, influence _____ of the drug in the body.

A. absorption
B. distribution
C. metabolism and elimination
D. all of the above (Correct)

Q: Which of the following could be an implication if postmarketing (phase 4) were taken out of the drug approval process?

A. Additional safety information could be collected while on the market.
B. Safety and efficacy would be determined when the drug is used in real-world conditions.
C. Not all adverse reactions would be known, and the drug could be on the market longer than necessary. (Correct)
D. Long-term side effects could be identified when used in the mass population.

Q: Which of the following drugs would belong to the proton pump inhibitor class?

A. Amlodipine
B. Pantoprazole (Correct)
C. Ranitidine
D. Alprazolam

Q: The Human Genome Project

A. has enabled scientists to develop new genetically modified drugs. (Correct)
B. mapped how all drugs are related to one another.
C. helped scientists find a common relation between each drug and the diseases they are used to treat.
D. has accurately described approximately 600 medicinal plants.

Q: Drugs come only from natural origins.

A. True
B. False (Correct)

Q: Erythropoietin is an example of a biopharmaceutical.

A. True (Correct)
B. False

Q: Generic drugs are always less expensive than the corresponding brand name drug.

A. True (Correct)
B. False

Q: “Rx only” must be printed on the label of all legend drugs.

A. True (Correct)
B. False

Q: Binders and fillers are inactive ingredients that have no influence on the rate of drug absorption.

A. True
B. False (Correct)