

pharmacology

Archive Lecture 7

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Pharmacology **Lecture 7**

1. Which of the following drugs is NOT known to induce hepatic enzymes?

- A) Carbamazepine
- B) Phenytoin
- C) Rifampin
- D) Cimetidine

Answer :d

2. All the following is enzyme inhibitors except :

- a) ciprofloxacin
- b) erythromycin
- c) cimetidine
- d) Warfarin

answer:d

The mechanism for biotransformation?

- a. Convert drug from active to toxic.
- b. Convert to unionized and lipid soluble
- c. Convert drug to ionized and water soluble
- d. Convert drug to inactive and lipid soluble

Answer c

A 62-year-old patient is taking clopidogrel for secondary prevention after a myocardial infarction. He develops unexpected bleeding episodes. Which enzyme is most likely responsible for this adverse effect?

- 1. CYP2D6
- 2. CYP2C19
- 3. CYP2C9

Answer 2

The cause of succinylcholine (succinylcholine) apnea?

- 1. Butyrylcholinesterase deficiency
- 2. Acetylcholinesterase deficiency
- 3. Pseudocholinesterase excess
- 4. Cholinergic receptor mutation

Answer 1

Pharmacology **Lecture 7**

A drug that is converted from inactive into active by metabolism?

1. Enalapril
2. Codeine
3. Aspirin
4. Furosemide

Answer 1

One of these drugs is converted into its active form after metabolism:

1. Aspirin
2. Enalapril
3. Codeine
4. Morphine

Answer 2

Which of the following is related to phase II of drug metabolism?

1. Oxidation
2. Reduction
3. Hydrolysis
4. Sulfonation

Answer 4

A patient on warfarin took erythromycin and developed bleeding. What is the cause?

1. Erythromycin induces warfarin metabolism
2. Erythromycin increases warfarin absorption
3. Erythromycin inhibits warfarin metabolism
4. Erythromycin decreases warfarin distribution

Answer 3

What is the main aim of drug metabolism?

1. Convert the drug into lipid-soluble form
2. Convert the drug into inactive metabolites only
3. Convert the drug into hydrophilic (water-soluble) form to be easily excreted
4. Increase the duration of drug action

Answer 3