

Content Focus: Principles of Pharmacology
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Your ScoreCard: Correct: 31/48 Incorrect: 17/48

The movement of a drug from the site of administration to various tissues of the body is what kind of pharmacokinetic action?

Absorption

The change or biotransformation that occurs in a drug into a more or less potent, soluble, or inactive form is what kind of a pharmacokinetic action?

Metabolism

What is the term given to the altered version of a drug after biotransformation occurs?

Metabolite

In what organ does the majority of a drug's biotransformation occur?

Liver

What is the name of the process that addresses how various drug forms affect the dissolution, absorption rate, and onset of action of a drug?

Pharmaceutics

What is the term for the amount of time it takes a medication to demonstrate a therapeutic response?

Onset of action

What is the term for the amount of time it takes for a drug to demonstrate its full therapeutic effect?

Peak effect

What is the term for the point in time when a drug is at its lowest level in the body?

Trough level

What type of drug binds with the receptor site on a cell and elicits a greater than typical response?

Agonist

What is the name of the process that occurs when a drug changes a target molecule's typical response by inhibiting or enhancing the action of an enzyme that affects the target molecule?

Selective interaction

What is the term for the drug effect that occurs when the amount of drug given is greater than the rate at which it is being excreted?

Cumulative drug effect

What is the term for medications or certain foods that should not be used in conjunction with selected drugs due to their potential to cause serious or life-threatening adverse effects?

Contraindicated

What term describes the process that occurs when the effect of one drug is greater or potentiated when given with another drug?

Synergistic effect

What is the pregnancy safety category for a medication that poses a possible risk to the fetus?

Category D

What is the pregnancy safety category for a medication that poses a significant risk to the fetus?

Category X

What physiologic changes occur in the kidneys of older adults that reduce the excretion of drugs?

Decreased blood flow to kidneys and glomerular filtration rate

What physiologic changes occur in the gastrointestinal tract of older adults that reduce the absorption of drugs?

Decreased gastric pH, emptying, intestinal absorption, peristalsis