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How Drug Move through the Body

The effect of a drug on the body depends on a number of processes that the drug undergoes as it moves through the body. All these processes together are known as pharmacokinetics (literally, "motion of the drug"). First in these processes is the administration of the drug after which it must be absorbed into the bloodstream. From the bloodstream, the drug is distributed throughout the body to various tissues and organs. As the drug is metabolized, or broken down and used by the body, it goes through chemical changes that produce metabolites, or altered forms of the drug, most of which have no effect on the body. Finally, the drug and its metabolites are eliminated from the body.

Administration

Absorption

Distribution

Metabolism and Elimination

Dose-Response Relationship

Receptors

Therapeutic Responses & Adverse Reactions

Drug Interactions

Drug Abuse