



Key words: *pharmacokinetics, drug metabolism, clinical pharmacology, therapeutic drug monitoring*

Introduction

The study of the pharmacokinetics of drugs is essential for the development of new drugs and for the optimization of existing ones. It involves the study of the absorption, distribution, metabolism, and excretion of drugs in the body. This information is used to determine the appropriate dosage and frequency of administration of a drug. The pharmacokinetics of a drug can be influenced by many factors, including age, sex, weight, and disease. Therefore, it is important to understand the pharmacokinetics of a drug in order to use it safely and effectively. This review discusses the pharmacokinetics of drugs and its importance in drug development and clinical practice. ^{1,2}

Understanding the Pharmacokinetics of Drugs

The pharmacokinetics of a drug refers to the study of the movement of the drug in the body. It involves the study of the absorption, distribution, metabolism, and excretion of the drug. The pharmacokinetics of a drug can be influenced by many factors, including age, sex, weight, and disease. Therefore, it is important to understand the pharmacokinetics of a drug in order to use it safely and effectively.

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