

safety, and patient outcomes. These interactions can alter drug pharmacokinetics and pharmacodynamics through various mechanisms, including absorption, distribution, metabolism, and excretion. Understanding and managing

mechanisms, clinical implications, and strategies for managing DDIs, emphasizing the importance of comprehensive

Managing drug-drug interactions

### **Keywords**:

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## Introduction

## Mechanisms of drug-drug interactions

## DDIs can occur through several mechanisms:

## **Pharmacodynamic Interactions:**

# **Clinical implications**

### Understanding DDIs is critical for several reasons:

Misheck Thelingwani, African Institute of Biomedical Science and Technology(AiBST), Department of Drug Metabolism and Pharmacokinetics (DMPK), Zimbabwe E-mail: thelingwaniM22@gmail.com

Healthcare providers employ several strategies to mitigate DDIs:

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# Data collection:

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