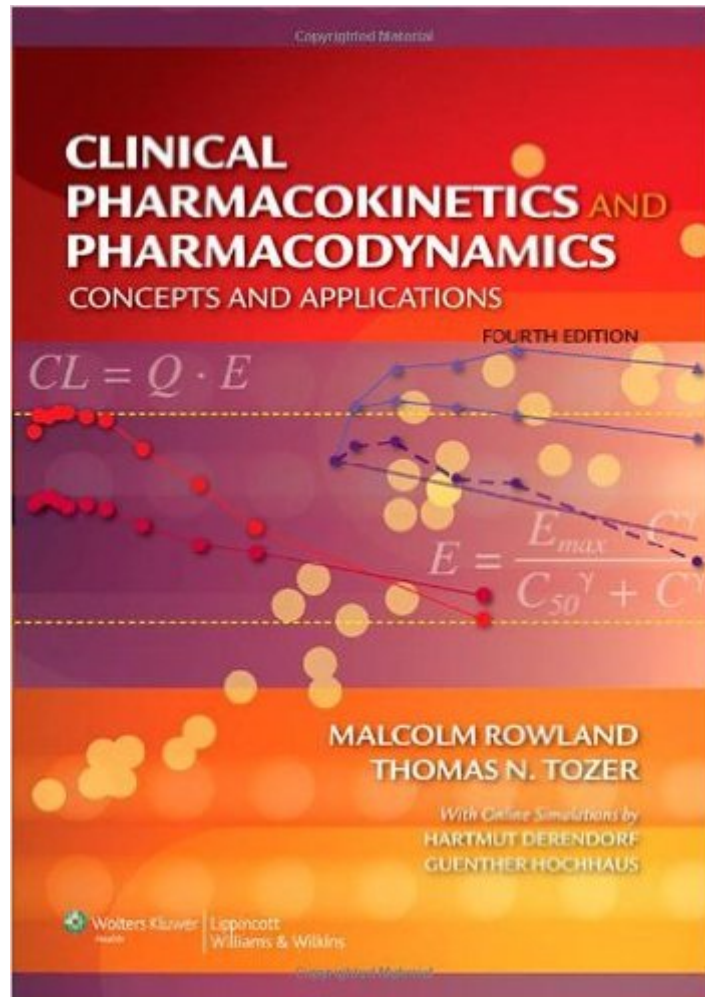


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# Clinical Pharmacokinetics And Pharmacodynamics: Concepts And Applications



## Synopsis

Formerly Clinical Pharmacokinetics: Concepts and Applications, this fully updated Fourth Edition has been retitled Clinical Pharmacokinetics and Pharmacodynamics: Concepts and Applications to reflect the increasing body of knowledge linking the two concepts that explain the relationship between drug administration and drug response. This revised edition also reflects the explosion in our understanding at the molecular and mechanistic levels of all the processes controlling the pharmacokinetics of drugs. The text is authored by two leading international experts on the clinical aspects of pharmacokinetics/pharmacodynamics and is widely considered one of the authoritative texts on the subject. A companion website includes the full text online, plus interactive simulations for student practice using different pharmacokinetic/pharmacodynamic models and parameters.

## Book Information

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Average Customer Review: 4.4 out of 5 stars [See all reviews](#) (13 customer reviews)

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## Customer Reviews

"Clinical Pharmacokinetics: Concepts and Applications" (or better known as Rowland and Tozer) is a book filled with deep concepts and good explanations. It is the Bible of Pharmacokinetics. If there is a PK concept you want to look up, this book will be the first place you look for it. Before giving the review, let me introduce my background. I have a formal education in physical chemistry and analytical chemistry and am currently working in the field of pharma. I have currently read through half of this book. Although I have not completely finishing the book, I believe there is enough information to share. The previous PK book I read was Concepts In Clinical Pharmacokinetics by Joseph T. Dipiro and it is a shorter and simpler book than Rowland and Tozer. While "Concepts In

Clinical Pharmacokinetics" was a delight to read, it is on the simpler side and a lot of concepts are left unexplained. When I was reading it, there were often moment of "How did he get from this to that?" or "Where this comes from?", and I had to stop reading and tried to derive the equations. In contrast, Rowland and Tozer explain the principles of PK in great details and often from multiple angles, so that the readers can fully appreciate how the concepts are linked together, how PK theories apply and how PK impacts pharmacology research and the drug discovery. The exercises are challenging, but not impossible. Well, a few of them are nearly impossible, but most of them can be worked out (even for someone of my background).I would love to give it a 4.5 stars, but that is not an option.

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Clinical Pharmacokinetics and Pharmacodynamics: Concepts and Applications By Malcolm Rowland - Clinical Pharmacokinetics and Pharmacodynamics: Concepts and Applications (4th Edition) (12/29/09) Basic Clinical Pharmacokinetics (Basic Clinical Pharmacokinetics (Winter)) Basic Pharmacokinetics and Pharmacodynamics: An Integrated Textbook and Computer Simulations Pharmacology Study Guide: drug classification, indications, reactions, and examples, Pharmacodynamics, Pharmacokinetics, Medical Chemistry & more for medical, ... nursing, & dental students (Mobi Medical) Handbook of Essential Pharmacokinetics, Pharmacodynamics and Drug Metabolism for Industrial Scientists Applied Biopharmaceutics & Pharmacokinetics, Sixth Edition (Shargel, Applied Biopharmaceutics & Pharmacokinetics) Antimicrobial Pharmacodynamics in Theory and Clinical Practice (Infectious Disease and Therapy) Handbook of basic pharmacokinetics-- including clinical applications Intermediate Algebra: Concepts & Applications (Bittinger Concepts & Applications) Biopharmaceutics and Clinical Pharmacokinetics: An Introduction, Fourth Edition, Biopharmaceutics and Clinical Pharmacokinetics Applied Clinical Pharmacokinetics 3/E Applied Clinical Pharmacokinetics Graphic Approach to Clinical Pharmacokinetics Basic Clinical Pharmacokinetics (3rd ed) Clinical Pharmacokinetics: The MCQ Approach (Telford Press) Comparative Pharmacokinetics: Principles, Techniques and Applications Pharmacokinetics : Principles and Applications Pharmacokinetics: Processes, Mathematics, and Applications (ACS Professional Reference Book)

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