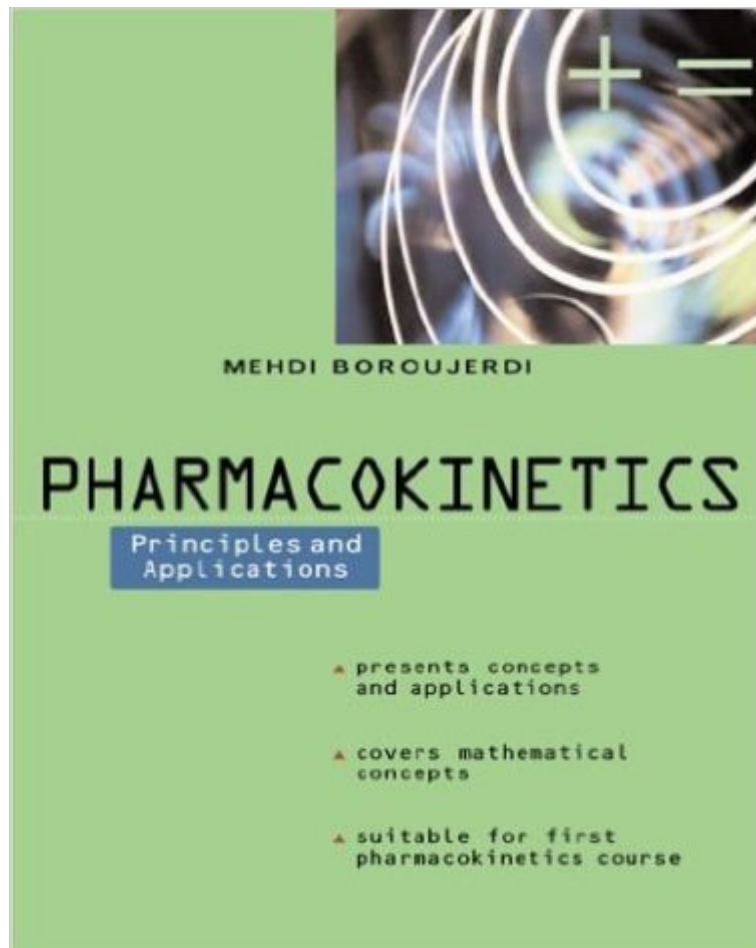


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# Pharmacokinetics : Principles And Applications



## Synopsis

An essential resource, this text presents the mathematical concepts required to understand pharmacokinetics, together with applications making it realistic for pharmaceutical care. Included is detailed coverage of pharmacokinetic modeling, linear mammillary models, multiple dosing kinetics, population pharmaceutics, physiological modeling, and relevant software for pharmacokinetic research and education.

## Book Information

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Average Customer Review: 3.7 out of 5 stars [See all reviews](#) (3 customer reviews)

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## Customer Reviews

I got my PhD in biostatistics and have studied this area for awhile. Pharmacology is not my major, so I need a nice textbook to understand it by myself. I went through most of popular books in pharmacokinetics in the library and got very disappointed. I know most of professors in this area are boastful of their mathematical rigorousness, but for me most of them are very sloppy. Only this book is mathematically rigorous and coherent. No wonder the author got MS in mathematics.

As opposed to the review by Stephanie, I will not penalize the author and his work for delivering a used copy. This book is a very clear introduction to basic pharmacokinetics and the equations that describe traditional compartmental and non-compartmental models. I have used it as a reference for several years. There are no population approaches here; the book is more fundamental. It is entirely appropriate for early students of pharmaceutical sciences, just as the author stated in his preface, and as a reminder of the basics for more experienced pharmacokineticists or pharmacometricians.

Since one can "look inside" I will not rehash the content here. This is my most frequently opened PK book on the shelf, followed by Rowland and Towser (Clinical Pharmacokinetics: Concepts and Applications). Well done to Dr. Boroujerdi.

BAD! I recieved a USED book (with yellow marker everywhere) and I purchased a book that was advertised (and priced!) as NEW

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Applied Biopharmaceutics & Pharmacokinetics, Sixth Edition (Shargel, Applied Biopharmaceutics & Pharmacokinetics) Basic Clinical Pharmacokinetics (Basic Clinical Pharmacokinetics (Winter)) Comparative Pharmacokinetics: Principles, Techniques and Applications Pharmacokinetics : Principles and Applications Clinical Pharmacokinetics and Pharmacodynamics: Concepts and Applications By Malcolm Rowland - Clinical Pharmacokinetics and Pharmacodynamics: Concepts and Applications (4th Edition) (12/29/09) Pharmacokinetics: Processes, Mathematics, and Applications (ACS Professional Reference Book) Handbook of basic pharmacokinetics-- including clinical applications The Complete Works of Herbert Spencer: The Principles of Psychology, The Principles of Philosophy, First Principles and More (6 Books With Active Table of Contents) Ergonomics: Foundational Principles, Applications, and Technologies (Ergonomics Design & Management Theory & Applications) Basic Pharmacokinetics and Pharmacodynamics: An Integrated Textbook and Computer Simulations Metabolism, Pharmacokinetics and Toxicity of Functional Groups: Impact of Chemical Building Blocks on ADMET (Drug Discovery) Pharmacokinetics, Second Edition (Drugs and the Pharmaceutical Sciences) Pharmacokinetics: Processes and Mathematics (Acs Monograph) Applied Biopharmaceutics and Pharmacokinetics 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 Biopharmaceutics and Clinical Pharmacokinetics: An Introduction, Fourth Edition, Biopharmaceutics and Clinical Pharmacokinetics Applied Clinical Pharmacokinetics 3/E

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