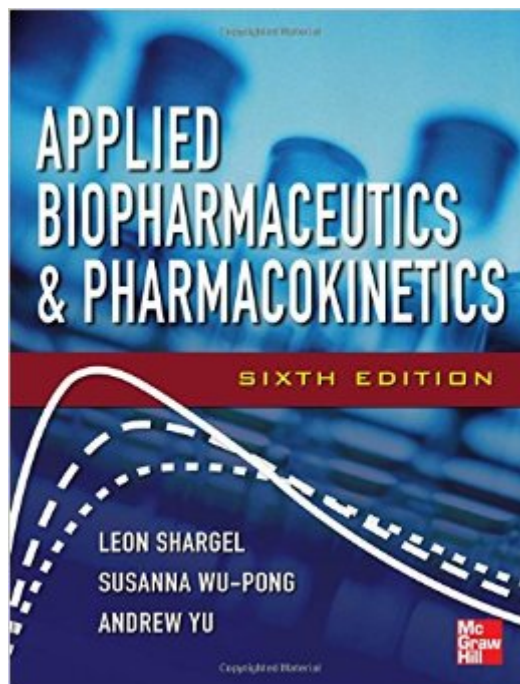


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# Applied Biopharmaceutics & Pharmacokinetics, Sixth Edition (Shargel, Applied Biopharmaceutics & Pharmacokinetics)



## Synopsis

A comprehensive textbook on the theoretical and practical applications of biopharmaceutics and pharmacokinetics. The field's leading text for more than three decades, *Applied Biopharmaceutics & Pharmacokinetics*, Sixth Edition provides you with a basic understanding of the principles of biopharmaceutics and pharmacokinetics and applies these principles to drug product development, drug product performance and drug therapy. The revised and updated sixth edition is unique in teaching basic concepts that relate to understanding the complex issues associated with safe and efficacious drug therapy. Written by authors who have both academic and clinical experience, *Applied Biopharmaceutics & Pharmacokinetics* will help you to:

- Understand the basic concepts in biopharmaceutics and pharmacokinetics. Use raw data and derive the pharmacokinetic models and parameters that best describe the process of drug absorption, distribution, and elimination.
- Critically evaluate biopharmaceutic studies involving drug product equivalency and unequivalency.
- Design and evaluate dosage regimens of drugs, using pharmacokinetic and biopharmaceutic parameters.
- Detect potential clinical pharmacokinetic problems and apply basic pharmacokinetic principles to solve them.

Practical problems and clinical examples with discussions are included in each chapter to help you apply these principles to patient care and drug consultation situations. Chapter Objectives, Chapter Summaries, and Frequently Asked Questions along with additional application questions appear within each chapter to identify and focus on key concepts. Most of the chapters have been revised to reflect our current understanding of drug product performance, bioavailability, bioequivalence, pharmacokinetics, pharmacodynamics, and drug therapy.

## Book Information

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## Customer Reviews

I bought this book as a companion to a PK course I took, because I didn't find my professor able to adequately answer seemingly simple questions, and because I wanted to better understand the material from a more mathematical perspective. This book quickly and thoroughly answered all of my questions and gave me an edge in the class. The course was graded only on a mid-term and final, and I received 100% on both tests.

Reading pharmacy texts can be a bit boring but I found this text quite enjoyable. Ideas are explained in a clear, logical manner. It's easy to understand the material without getting bogged down. This text is recommended for my Pharmacokinetics class.

The book does a good job of presenting concepts and applications of pharmaceutics and pharmacokinetics in a clear and logical fashion. Every chapter builds upon the previous to introduce and expand key concepts. The book offers plenty of examples and practice problems.

I wonder why this book got so many good reviews. I've trained in biostatistics and tried to read this book and find lots of mathematical errors. I found the book by Mehdi Boroujerdi is mathematically rigorous.

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