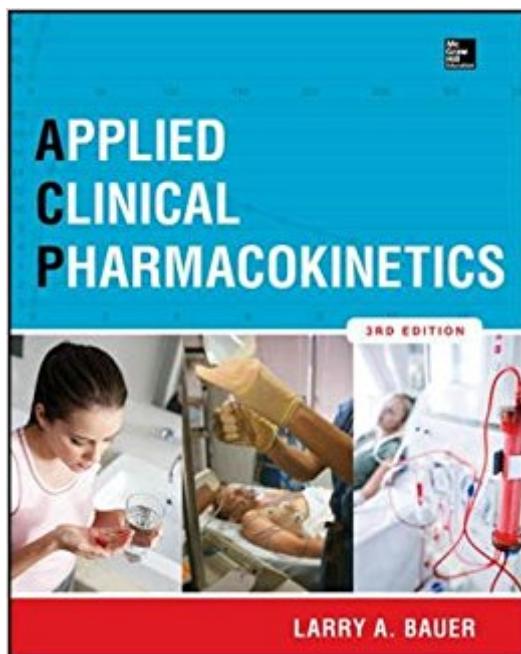


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# Applied Clinical Pharmacokinetics 3/E (Pharmacy)



## Synopsis

The most current, hands-on book in the field, *Applied Clinical Pharmacokinetics* The perfect textbook for pharmacy students learning the clinical application of pharmacokinetics, which is the mathematical tools for modifying doages. Students like that each chapter includes sample problems throughout the chapter, with a ton of practice problems at the end. Answers for the practice problems are in the back, but not detailed like the sample problems) \*Changes in the 3/e includes: \*All chapters updated and revised, as needed, including critical new references \*Antibiotic individualization and monitoring sections increases use of pharmacodynamic parameters (Cmax/MIC, AUC24/MIC, Time above MIC) in addition to pharmacokinetic parameters to adjust dosages \*Anticonvulsants section includes 5 new agents (Fosphenytoin, Lamotrigine, Levetiracetam, Oxcarbazepine, Eslicarbazepine) \*Immunosuppressants section includes 1 new agent (Sirolimus), About the Book Text focuses on the latest standardized techniques and approaches to patient-specific dosing and provides up-to-date information on more recently monitored drugs. Features Clear, useful coverage of drug dosing and drug monitoring Clear and concise summary of pharmacokinetic and pharmacodynamic concepts Practical help with calculations and equations Focus on the latest standardized techniques and approaches to patient-specific dosing Up-to-date information on more recently monitored drugs Essential information on drug dosing in special populations, including patients with renal and hepatic disease, obesity, and congestive heart failure All the information practitioners need on drug categories such as antibiotics, cardiovascular agents, anticonvulsants, and immunosuppressants Full coverage of drugs such as Aminoglycosides, Vancomycin, Digoxin, Phenytoin, Carbamazepine, Theophylline, Cyclosporine, Tacrolimus, and Lithium Student friendly approach to teaching pharmacokinetics--sample problems embedded into the text to allow for students to apply what they are learning. .

## Book Information

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## Customer Reviews

Larry A. Bauer, Pharm.D. is a Professor at the University of Washington School of Pharmacy and has been on the faculty since 1980. He also holds an adjunct appointment at the same rank in the Department of Laboratory Medicine where he is a toxicology consultant. He received his Bachelor of Science in Pharmacy degree (1977) from the University of Washington, and his Doctor of Pharmacy degree (1980) from the University of Kentucky. He also completed an ASHP-accredited hospital pharmacy residency (1980) specializing in clinical pharmacokinetics from A. B. Chandler Medical Center at the University of Kentucky under the preceptorship of Dr. Paul Parker. Dr. Bauer is a fellow of the American College of Clinical Pharmacology and the American College of Clinical Pharmacy. Dr. Bauer's specialty area is in clinical pharmacokinetics, and he teaches courses and offers clinical clerkships in this area. He is the author of *Applied Clinical Pharmacokinetics* (McGraw-Hill, 2001) His research interests include the pharmacokinetics and pharmacodynamics of drug interactions, the effects of liver disease and age on drug metabolism, and computer modeling of population pharmacokinetics. Dr. Bauer is a member of several clinical pharmacology and clinical pharmacy professional organizations. He is a reviewer for several scientific publications, was Consulting Editor of *Clinical Pharmacy* (1981 - 1990) and Field Editor of *ASHP Signal* (1981 - 1983), and is currently on the Editorial Boards of *Clinical Pharmacology and Therapeutics* and *Antimicrobial Agents and Chemotherapy*. Dr. Bauer has precepted post-doctoral fellows in clinical pharmacokinetics and pharmacodynamics who currently have faculty appointments in schools of pharmacy or are employed in pharmaceutical industry.

Great reference book. Thanks.

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