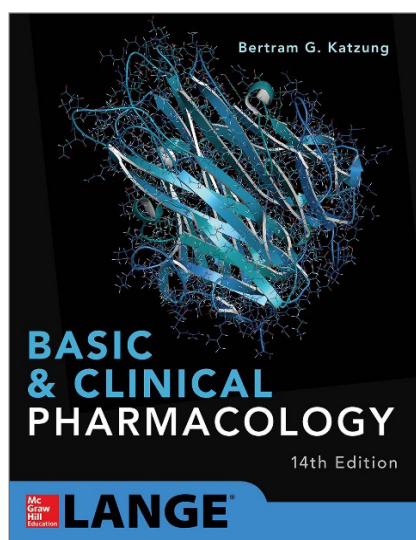


Basic & Clinical Pharmacology 14th Edition

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Year: 2018

Publisher: McGraw-Hill Companies Inc., New
York, NY

ISBN: 976-1-259-64115-2

MHID: 1-259-64115-5

ISBN: 0891-2033

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Clinical pharmacology encompasses all aspects of the relationship between drugs and humans. Clinical pharmacologists are clinicians with training in clinical pharmacology and therapeutics. Clinicians of all specialties prescribe drugs on a daily basis, and this is both one of the most useful but also one of the most dangerous activities of our professional lives. Understanding the principles of clinical pharmacology is the basis of safe and effective therapeutic practice, which is why this subject forms an increasingly important part of the medical curriculum. This textbook is addressed primarily to medical students and junior doctors of all specialties, but also to other professionals who increasingly prescribe medicines (including pharmacists, nurses and some other allied professionals). In our country, for the last 10 years 6 months of specialization in clinical pharmacology, has been completed and about 50 specialists have graduated. It was very important for them to use this kind of textbook.

This textbook is divided into 10 sections, which collectively represent 66 chapters included appendix and index.

In the previous 13th edition, there was a problem with the “Controlled drug schedule” of narcotic drugs and psychotropic drugs, which was revised in edition 14.

The first section entitled “Basic principles” issues deals with general issues relevant to the development of a pharmaceutical care plan such as drug receptors, pharmacodynamics, pharmacokinetics, rational dosing, the time course of drug action, and more. There is a chapter on gene and cell-based therapies, which are just beginning to enter clinical practice. The remaining sections of the book deal comprehensively with major systems (nervous, musculoskeletal, cardiovascular, respiratory, alimentary, renal, endocrine, blood, skin, and eye) and with multi-system issues including the treatment of infections, malignancies, immune disease, addiction, toxicology, special aspects of pediatric and geriatric pharmacology, rational prescribing important drug interactions.

Case studies accompany most chapters and answers to questions posed in the case studies appear at the end of each chapter. Figures and tables are used effectively and liberally throughout the text. Each section contains reference lists for further detailed reading.

APPENDIX: Described the Vaccines, Immuno Globulins, and other complex Biological products, as well as indications for use.

INDEX: The drugs in this book are listed in alphabetical order, comprised of a total to 82 pages with the page numbers for each chapter. In this index, the letters "b," "f," and "t" denote text boxes, figures, and tables, respectively.

Significant revisions in this edition include:

- Major revisions of the chapters on immunopharmacology, antiseizure, antipsychotic, antidepressant, antidiabetic, anti-inflammatory, and antiviral drugs, prostaglandins, and central nervous system neurotransmitters.
- Continued expansion of the coverage of general concepts relating to newly discovered receptors, receptor mechanisms, and drug transporters.
- Descriptions of important new drugs released through May 2017.

- Many revised illustrations in full color that provide significantly more information about drug mechanisms and effects and help to clarify important concepts.

This edition marks the 35th year of publication of Basic & Clinical Pharmacology.

This book is written by leading experts, which indicates that the material is well referenced and organized. All together with the textbook provides readers with a complete update on recent understanding of the clinical pharmacology

Finally, this book is a valuable reference and worthy of consideration for purchase by clinicians who routinely manage patients with a variety of medical problems.

We have no doubt that at first, the textbook will look like a huge too detailed resource, which is hard to read till the end. However, understanding at least Section - I of the book are important for advancing to the next step in clinical pharmacology. Enjoy the textbook!