

Principles Of Pharmacology By Sharma H L

The fourth edition of this book is thoroughly revised and updated in accordance with the syllabus of pharmacology recommended by the Medical Council of India. Following recent developments and advances in Pharmacology, the book provides factual, conceptual and applied aspects of the subject. It is designed to meet the needs of students pursuing undergraduate courses in medicine and also for the practicing doctors. . Format based upon the pattern followed by the examiners in framing questions in the exams - both theory and practical . Updated content with addition of specific description of drugs under short headings makes it easy to understand . Textual presentation in tabular format helps in quick reading and recall . Addition of new flowcharts, figures and tables to facilitate greater retention of knowledge . Supplementing text with simple diagrams, self-explanatory flow charts, tables and student friendly mnemonics . Point-wise presentation of information, useful for exam going UG students Includes new topics on drug dosage forms and calculation of dosage of drugs Addition of cardiovascular drug summary table for quick revision Presents a modern vision of anaesthesia, integrating technology and knowledge, to change how anaesthesia is taught and practised.

Classic text for practitioners, residents, and students.

Pharmaceutical Calculations

Basic Principles & General Concepts

Principles of Medical Pharmacology

Anesthetic Pharmacology

Modern Applications of Plant Biotechnology in Pharmaceutical Sciences

Principles of Pharmacology, 2Ed

This book introduces “network pharmacology” as an emerging frontier subject of systematic drug research in the era of artificial intelligence and big data. Network Pharmacology is an original subject of fusion system biology, bioinformatics, network science and other related disciplines. It emphasizes on starting from the overall perspective of the system level and biological networks, the analysis of the laws of molecular association between drugs and their treatment objects, reveals the systematic pharmacological mechanisms of drugs, and guides the research and development of new drugs and clinical diagnosis and treatment. After it was proposed, network pharmacology has been paid attention by researchers, and it has been rapidly developed and widely used. In order to systematically reveal the biological basis of diagnosis and treatment in traditional Chinese medicine and modern medicine, we proposed a new concept of "network target" for the first time, which has become the core theory of "network pharmacology". The core principle of a network target is to construct a biological network that can be used to decipher complex diseases. The network is then used as the therapeutic target, to which multicomponent remedies are applied. This book mainly includes four parts: 1) The concept and theory of network pharmacology; 2) Common analysis methods, databases and software in network pharmacological research; 3) Typical cases of traditional Chinese medicine modernization and modern drug research based on network pharmacology; 4) Network pharmacology practice process based on drugs and diseases.

Building on the strengths of previous editions, the Sixth Edition of Modern Pharmacology with Clinical Applications continues to provide an up-to-date and comprehensive textbook for students of pharmacology. Focusing on the clinical application of drugs within a context of the major principles of pharmacology, this text supplies both students and faculty with an introduction to modern pharmacotherapeutics.

Celebrating 100 years of HEP, this volume will discuss key pharmacological discoveries and concepts of the past 100 years. These discoveries have dramatically changed the medical treatment paradigms of many diseases and these concepts have and will continue to shape discovery of new medicines. Newly evolving technologies will similarly be discussed as they will shape the future of the pharmacology and, accordingly, medical therapy.

Basic Principles and Clinical Practice

Clinical Acupuncture

With Clinical Application

Essentials of Medical Microbiology

The Pathophysiologic Basis of Drug Therapy

Clinical Pharmacology

University of North Carolina, Chapel Hill. Revised reprint of the comprehensive reference on pharmacology principles, fundamental concepts, mechanisms of action, and clinical applications of drugs. For students, residents, and practitioners in medicine or pharmacy. 159 contributor, 84 U.S.

This book may serve as text book of pharmacy students of various universities as the selected topic forms an important part of the curricula of their courses. It also suits to and caters the needs of medico legal professionals. The book provides an explicit and elaborated introduction to the fundamental principles of community pharmacy

Sharma & Sharma's Principles of PharmacologyPrinciples of PharmacologyEssentials of PharmacologyBasic Principles & General ConceptsClinical Pharmacology

Sharma & Sharma's Principles of Pharmacology

Good Research Practice in Non-Clinical Pharmacology and Biomedicine

Drug Design: Principles and Applications

100 Years of the Handbook of Experimental Pharmacology

Modern Pharmacology with Clinical Applications

Targeting Physiologic Systems for Optimal Effect

Principles of Medical Pharmacology covers all aspects of medical pharmacology, making it the ideal text for students in pharmacology courses in medicine, biological sciences, pharmacy, and dentistry. The book provides a solid foundation of the principles of pharmacology. Principles are explained through the use of practical examples and case studies. The text covers all aspects of medical pharmacology, including a comprehensive discussion of the clinically important features of pharmacokinetics.This new Seventh Edition has been completely revised and updated to reflect the latest research in the field. Most chapters have been extensively rewritten, with many new authors involved in the preparation of this edition.

The guideline focuses specifically on evidence-based pharmacological treatments for AUD in outpatient settings and includes additional information on assessment and treatment planning, which are an integral part of using pharmacotherapy to treat AUD.

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Principles of Pharmacology

Concepts and Principles of Pharmacology

Network Pharmacology

The American Psychiatric Association Practice Guideline for the Pharmacological Treatment of Patients With Alcohol Use Disorder

Pharmacology for Medical Graduates

'The very last thing a drug regulator wishes to be able to say is, like Lord Byron (1788-1824), on the publication of his poem Childe Harold's Pilgrimage, 'I awoke one morning and found myself famous.' The twelfth edition of this long-established textbook of clinical pharmacology (first published in 1960) continues its fine tradition of balancing science and practice for prescribing in therapeutic settings increasingly complicated by intercurrent disease and polypharmacy. Coverage of all major therapeutic topics by body system. Introductory sections give brief chapter synopses. Case studies where relevant. Covers the needs of the developing world with a focus on practical prescribing and health technology assessment. Definition, etymologies and provenances of terms throughout. Entertaining footnotes throughout. 'The very last thing a drug regulator wishes to be able to say is, like Lord Byron (1788-1824), on the publication of his poem Childe Harold's Pilgrimage, 'I awoke one morning and found myself famous.' Fully updated throughout. New co-editor: Fraz Mir, Addenbrooke's Hospital and Royal College of Physicians Associate International Director for South Asia. Now with free e-book on StudentConsult.

This book explains the pharmacological relationships between the various systems in the human body. It offers a comprehensive overview of the pharmacology concerning the autonomic, central, and peripheral nervous systems. Presenting up-to-date information on chemical mediators and their significance, it highlights the therapeutic aspects of several diseases of endocrinal, and hematopoietic systems. The book also includes drug therapy for microbial and neoplastic diseases. It also comprises sections on immunopharmacology, dermatological, and ocular pharmacology providing valuable insights into these emerging and recent topics. Covering the diverse groups of drugs acting on different systems, the book reviews their action and subcellular mechanisms of action. It is divided into 11 parts, subdivided into several chapters that evaluate the basic pharmacological principles that govern the different types of body systems. This book is intended for academicians, researchers, and clinicians in industry and academic institutions in pharmaceutical, pharmacological sciences, pharmacy, medical sciences, biology and other allied health sciences.

Modern Applications of Plant Biotechnology in Pharmaceutical Sciences explores advanced techniques in plant biotechnology, their applications to pharmaceutical sciences, and how these methods can lead to more effective, safe, and affordable drugs. The book covers modern approaches in a practical, step-by-step manner, and includes illustrations, examples, and case studies of plant-made pharmaceuticals, classical and non-classical techniques for secondary metabolite production in plant cell culture and their relevance to pharmaceutical science, edible vaccines, novel delivery systems for plant-based products, international industry regulatory guidelines, and more. Readers will find the book to be a comprehensive and valuable resource for their pharmaceutical applications. Builds upon the basic concepts of cell and plant tissue culture and recombinant DNA technology to better illustrate the modern and potential applications of plant biotechnology to the pharmaceutical sciences Provides detailed yet practical coverage of complex techniques, such as micropropagation, gene transfer, and biosynthesis offers real-life examples and potential solutions

Essentials of Pharmacology

Textbook of Pathology

Community Pharmacy

Mrcp

Pharmacology and Pharmacotherapeutics

Practical Manual of Experimental and Clinical Pharmacology

In recent years our understanding of molecular mechanisms of drug action and interindividual variability in drug response has grown enormously. Meanwhile, the practice of anesthesiology has expanded to the preoperative environment and numerous locations outside the OR. Anesthetic Pharmacology: Basic Principles and Clinical Practice, 2nd edition, is an outstanding therapeutic resource in anesthesia and critical care: Section 1 introduces the principles of drug action, Section 2 presents the molecular, cellular and integrated physiology of the target organ/functional system and Section 3 reviews the pharmacology and toxicology of anesthetic drugs. The new Section 4, Therapeutics of Clinical Practice, provides integrated and comparative pharmacology and the practical application of drugs in daily clinical practice. Edited by three highly acclaimed academic anesthetic pharmacologists, with contributions from an international team of experts, and illustrated in full colour, this is a sophisticated, user-friendly resource for all practitioners providing care in the perioperative period.

This open access book, published under a CC BY 4.0 license in the Pubmed indexed book series Handbook of Experimental Pharmacology, provides up-to-date information on best practice to improve experimental design and quality of research in non-clinical pharmacology and biomedicine.

The most important tables from every engineering discipline in one volume collected from the best, most authoritative references in the business--it's now more than wishful thinking. The CRC Handbook of Engineering Tables makes it a reality. The most frequently consulted tables and figures from CRC's acclaimed engineering handbooks are gathered tog

(Revised Edition)

Handbook of Space Pharmaceuticals

Essentials of Pharmacology For Dentistry

Pharmacology for Medical Graduates, 4th Updated Edition

Personalized Anaesthesia

Clinical Pharmacology - E-Book

This book strengthens the scientific knowledge base and promotes rational thinking among students The Medical Council of India (MCI) has introduced a competency-based curriculum in 2019, which not only lays emphasis on integration with clinical and pre-clinical subjects but also clearly states subject competencies and defines domains and levels to be achieved for each of them. In addition, it is clinically oriented and gives due importance to the self-directed learning. The duration of teaching for the subject of Pharmacology in the new curriculum has been reduced to one year with additional dedicated time to revisit it in the subsequent years. This 26th edition of Pharmacology and Pharmacotherapeutics has been revised considerably to match the demands of the new curriculum. Right from its conception, this book has used an integrated approach intertwining current knowledge of pathophysiology of the disease, pharmacology of available drugs and strategies for medical management of diseases. We have made every attempt to provide up-to-date information about the drugs while focussing on the aspects relevant to their use in clinical practice. Structured pedagogy facilitating feature-rich presentation and organization of the content, which makes it more student friendly Richly illustrated content supplemented with large number of tables and boxes – explaining physiology, complex concepts, relevant drug features and principles of pharmacotherapy Mechanisms of drug actions, explained in text and illustrated via diagrams as well as videos (animations) for better understanding and retention Key points in pharmacology and pharmacotherapy of diseases highlighted throughout the book Practical tips in this book serve as a reference guide in practice so that students can treat their patients effectively and confidently

Principles of Pharmacology: The Pathophysiologic Basis of Drug Therapy, Third Edition, is a primary textbook for a first course in pharmacology. It offers an integrated mechanism-based and systems-based approach, incorporating the cell biology, biochemistry, physiology, and pathophysiology of organ systems. The completely updated Third Edition features content reflecting current research findings, more than 400 full-color illustrations, Drug Summary Tables, and increased coverage of drug metabolism and the treatment of mycobacterial infections.

This book offers an in-depth discussion of the latest strategies in the field of drug design and their applications in various disorders, in order to encourage readers to undertake their own projects.It also includes the contemporary application of drug-designing methodologies to inspire others to further expand the utility of this field in other diseases.It is intended for advanced undergraduate and graduate students, postdocs, researchers, lecturers and professors in bioinformatics, computational biology, medicine, pharmaceuticals and other related fields.

AJAYA – RISE OF KALI (Book 2)

REVIEW OF PHARMACOLOGY.

Harrison's Principles of Internal Medicine

Handbook of Research on Medicinal Chemistry

Essentials of Pharmacology: Basic Principles & General Concepts, 3e (PB)

Conceptual Pharmacology

This valuable new book, Handbook of Research on Medicinal Chemistry: Innovations and Methodologies, presents some of the latest advancements in the various fields of combinatorial chemistry, drug discovery, biochemical aspects, pharmacology of medicinal agents, current practical problems, and nutraceuticals. The editors keep the drug molecule as the central component of the volume and aim to explain the associated features essential to exhibiting pharmacological activity. With a unique combination of chapters in biology, clinical aspects, biochemistry, synthetic chemistry, medicine and technology, the volume provides broad exposure to the essential aspect of pharmaceuticals. The volume many important aspects of medicinal chemistry, including techniques in drug discovery pharmacological aspects of natural products chemical mediators: druggable targets advances in medicinal chemistry The field of medicinal chemistry is growing at an unprecedented pace, and this volume takes an interdisciplinary approach, covering a range of new research and new practices in the field. The volume takes into account the latest therapeutic guidelines put forward by the World Health Organization and the U.S Food and Drug Administration.. Topics include: drug design drug discovery natural products and supplements and nutraceuticals pharmaceutical approaches to sexual dysfunction drug resistance parasites new natural compounds and identification of new targets stereochemistry aspects in medicinal chemistry common drug interactions in daily practices Handbook of Research on Medicinal Chemistry: Innovations and Methodologies will be a valuable addition to the bookshelves of pharmaceutical scientists and faculty as well as for industry professionals.

This book is about the rational scientific basis and practice of drug therapy. Doctors need to understand the psychological and medical area in which they prescribe to deliver what patients have a right to expect, ie. maximum benefit with minimum risk.

"THE MAHABHARATA ENDURES AS THE GREAT EPIC OF INDIA. While Jaya is the story of the Pandavas, told from the perspective of the victors of Kurukshetra, Ajaya is the tale of the Kauravas, who were decimated to the last man. From the pen of the author who gave voice to Ravana in the national bestseller, ASURA, comes the riveting narrative which compels us to question the truth behind the Mahabharata. THE DARK AGE OF KALI IS RISING and every man and woman must choose between duty and conscience, honour and shame, life and death... o The Pandavas, banished to the forest following the disastrous games of dice, return to Hastinapura. o Draupadi has vowed not to bind her hair till she washes it in the blood of the Kauravas. o Karna must choose between loyalty and gratitude, friend and Guru. o Aswathama undertakes a perilous mission to the mountains of Gandhara, in search of the Evil One. o Kunti must decide between her firstborn and her other sons. o Guru Drona has to stand with either his favourite disciple or his beloved son. o Balarama, having failed to convince his brother about the adharma of violence, walks the streets of Bharatavarsha, spreading the message of peace. o Ekalavya is called to make the ultimate sacrifice to uphold a woman's honour. o Jara, the beggar, sings of Krishna's love while his blind dog, Dharma, follows. o Shakuni can almost see the realization of his dream to destroy India. As the Pandavas stake their claim to the Hastinapura throne, the Kaurava Crown Prince, Suyodhana, rises to challenge Krishna. As great minds debate dharma and adharma, power hungry men prepare for an apocalyptic war. The women, highborn and humble, helplessly watch the unfolding disaster with deep foreboding. And greedy merchants and unscrupulous priests lie in wait like vultures. Both sides know that beyond the agony and carnage the winner will take all. But even as gods conspire and men's destinies unfold, a far greater truth awaits. *** One of the six most remarkable writers of India. DNA An Amazing read. The WEEK Unique voice of a rebellious author telling the story from the other side, a feat a few have dared or managed so well. Bihar Times"**

Textbook of pathology

CRC Handbook of Engineering Tables

Volume 2 : Essentials of Systemic Pharmacology : From Principles to Practice

Basic Principles and Concepts

With Explanatory Answers

Pharmacological Classification of Drugs

This book provides a bank of multiple-choice questions for candidates preparing for Part 2 of the Membership examination of the Royal Colleges of Physicians, the MRCP. The questions are arranged by subject area to enable structured revision and allow candidates to focus on particular areas where they feel less confident. The book has been written with a close focus on recent examinations, with the coverage of topics weighted to reflect the frequency with which they have appeared. The book is structured more as a manual than as a mock exam, and includes explanations for both correct and incorrect answers, focusing comprehensively on the fundamental principles of medical practice. As well as candidates for the MRCP, this book will also be of interest to medical students and students of related health sciences.

This two-volume handbook, directed at medical professionals who are involved in developing the space industry or are academicians (such as at Harvard, Stanford, and MIT) doing research in this area, covers current pharmaceutical knowledge about the difference in medication efficacy in space versus on Earth and includes trial results and best practices for the space research and travel industry. The well-known contributors come from an interdisciplinary background and address all aspects of the subject, from the physiological impact of spaceflight to the effects of radiation. As the commercial space industry expands its operations in industry and tourism, the field of space pharmaceuticals is growing commensurately. Existing pharmacological research from space is thoroughly covered in this book, and Earth applications are also described. Potential pharmacological solutions are posed along with the known challenges and examples from existing studies, which are detailed at length. This major reference work is a comprehensive and important medical resource for all space industry players.

Basic Concepts and Clinical Applications

Introduction to Basics of Pharmacology and Toxicology

With Doses and Preparations

Innovations and Methodologies