

## Rang And Dale Farmacologia 6 Edition

Now in its second edition, this highly successful guide to safe prescribing of the most common classes of drugs is your starting point for safe and effective practice. The first edition was a direct response to requests from students for a compendium of the 100 most important drugs in the NHS. Research led by Professor Emma Baker identified the 'top 100 drugs' by their importance and prescribing frequency. The top 100 drugs and the five most important intravenous fluids are presented using a clear, consistent layout across double-page spreads. Drugs are arranged alphabetically and also listed by organ system and clinical indication, providing multiple pathways into the information. Clinical pharmacology is discussed under the headings: common indications; mechanisms of action; important adverse effects; warnings; and important interactions. Practical prescribing is discussed under the headings: prescription; administration; communication; monitoring; and cost. A clinical tip is presented for every drug. Single-best-answer questions are provided for self-assessment and to show how information from several drugs may be integrated.

La farmacología es una ciencia eminentemente interdisciplinaria e integradora de conocimientos básicos que contribuyen a establecer un tratamiento terapéutico integral en el paciente. Los avances científicos de las últimas décadas han transformado profundamente los conocimientos de la medicina y, en particular de la farmacología. En breve, la farmacogenómica y la medicina génica serán herramientas indispensables que permitirán a los médicos lograr una terapia individualizada. El presente libro ha sido concebido y realizado con el propósito de ofrecer, en forma práctica e innovadora, los conocimientos esenciales y de vanguardia, que la farmacología ofrece. Simultáneamente, se busca presentar una comprensión integral de la regulación e intervención farmacológica de aparatos y sistemas que dan sustento a una terapia racional. El contenido está dividido en seis unidades principales fácilmente localizables por color: Farmacología general, Farmacología especial, Quimioterapia, Inmunofarmacología, Toxicología y apéndices. La estructura de Farmacología médica está basada en métodos pedagógicos reconocidos y probados en las aulas, ofreciendo a los estudiantes un sistema integral de aprendizaje. Cada capítulo cuenta con: Objetivos de aprendizaje, útiles para centrarse en los temas mas importantes; Tabla de contenido, en donde podrá visualizar y estructurar mentalmente cada uno de los temas desarrollados; Autoevaluaciones, donde se plantean preguntas de razonamiento que permitirán favorecer el estudio autodirigido; Casos clínicos, donde se plantean preguntas que desafían al estudiante a utilizar los conocimientos aprendidos en situaciones reales específicas, estableciendo correlaciones entre los conceptos farmacológicos y sus aplicaciones clínicas; Excelentes acuarelas que explican, en un lenguaje artístico, conceptos relevantes que dan fundamento a la farmacología así como diferentes tipos de ilustraciones y animaciones en dos (2D) y tres dimensiones (3D) que se incluyen en un CD interactivo. El CD interactivo ha sido desarrollado para reforzar los conocimientos adquiridos durante el curso y está dividido en 4 secciones: 1.- Animaciones, 2.- Autoevaluaciones, 3.- Juegos (maratón, memoria y ahorcado) y 4.- Personajes de la farmacología Cuenta un Sitio Web donde encontrará recursos adicionales como: Generador de exámenes y las respuestas a los objetivos planteados por cada autor. Farmacología médica le ayudará a través de todas estas herramientas a construir un aprendizaje significativo de la materia y cimentará los efectos de los fármacos así como el uso reflexivo de ellos, obligación fundamental en la formación científica del médico.

The sixth edition of PharmacyPractice brings the contents completely up to date, reflecting emerging new roles for pharmacists both within the traditional employment areas of hospital and community pharmacy, as well as other developing roles supporting the public health agenda, governance, risk management, prescribing and pharmaco-economics. Each chapter begins with Study Points and ends with Key Points to reinforce learning. Appendices include medical abbreviations, Latin terms and abbreviations, systems of weights and measurements and presentation skills. Some chapters also carry self-assessment questions for more complex areas of pharmaceutical practice. New editor on the team, Louise Cogan. Many new contributors, comprising practising pharmacists, teachers of pharmacy, and pharmacists with joint appointments between hospital/community pharmacy and universities. Now with companion e-book included on StudentConsult New chapters on Consent History Taking/ Gathering Information Advice giving and the pharmacist as a Health Trainer Using calculations in pharmacy practice Continuing professional development and revalidation Intra and inter professional working, The role of the pharmacist in medicines optimization

Pollock: Fisiologia Clínica do Exercício foi escrito em homenagem ao Professor Michael Pollock, pesquisador norte-americano pioneiro nas áreas de aptidão física e reabilitação cardíaca, que foi diretor de pesquisa do Institute for Aerobics Research (Dallas), diretor do Programa de Reabilitação Cardíaca e do Laboratório de Desempenho Humano no Mount Sinai Medical Center (Milwaukee) e diretor do Programa de Reabilitação Cardíaca, Medicina do Esporte e Desempenho Humano no Travis Medical Center (Houston). Editora Manole

El Tratado de Psiquiatría del niño y del adolescente propone al lector una exposición panorámica y detallada de la Psiquiatría Infantil de nuestro tiempo, destacando los avances de la investigación de las últimas décadas, sus aplicaciones a la práctica clínica y las perspectivas para el futuro. Ofrece al médico y a todos aquellos que se relacionan con los trastornos psiquiátricos de los niños, herramientas concretas de diagnóstico y tratamiento y sitúa al paciente y su realidad personal como centro y motor de las decisiones terapéuticas. Uno de sus desafíos es mostrar la complejidad del conocimiento médico y psiquiátrico de nuestro tiempo con un lenguaje claro y preciso. El libro se estructura en cinco partes. La primera plantea una visión histórica, conceptual y metodológica de la psiquiatría infantil. La segunda se centra en los fundamentos neurobiológicos y dedica especial atención a los avances de la biología molecular, a los primeros años de la vida del niño y a sus consecuencias en el futuro. La tercera parte se dedica a los principales trastornos psiquiátricos de la infancia y adolescencia y se describen los cambios y vicisitudes de los criterios diagnósticos. La cuarta aborda la evaluación y el diagnóstico desde la perspectiva psiquiátrica, psicológica y de las técnicas de imagen. En la quinta parte se expone el tratamiento farmacológico y en la urgencia, las psicoterapias y los principios éticos de la práctica psiquiátrica Neuropathology of Drug Addictions and Substance Misuse, Volume One: Foundations of Understanding, Tobacco, Alcohol, Cannabinoids, Opioids and Emerging Addictions provides the latest research in an area that shows that the neuropathological features of one addiction are often applicable to those of others. The book also details how a further understanding of these commonalties can provide a platform for the study of specific addictions in greater depth, all in an effort to create new modes of understanding, causation, prevention, and treatment. The three volumes in this series address new research and challenges, offering comprehensive coverage on the adverse consequences of the most common drugs of abuse, with each volume serving to update the reader's knowledge on the broader field of addiction, while also deepening our understanding of specific addictive substances. Volume One addresses tobacco, alcohol, cannabinoids, and opioids, with each section providing data on the general, molecular/cellular, and structural/functional neurological aspects of a given substance, along with a focus on the adverse consequences of addictions. Provides a modern approach on the pathology of substances of abuse, offering an evidence based ethos for understanding the neurology of addictions Fills an existing gap in the literature by proving a one-stop-shopping synopsis of everything to do with the neuropathology of drugs of addiction and substance misuse Includes a list of abbreviations, abstracts, applications to other addictions and substance misuse, mini-dictionary of terms, summary points, 6+ figures and tables, and full references in each chapter Offers coverage of preclinical, clinical, and population studies, from the cell to whole organs, and the genome to whole body

There are few publications about drug interactions in chemotherapy and even less about pediatric oncology treatment. For this reason, the present book is intended to offer guidelines about drug interactions for physicians, pharmacists and the other healthcare professionals involved in the chemotherapy of pediatric patients. In this book the reader will have access to a primary introduction for the major diseases

in pediatric oncology, followed by the major therapeutic protocols. Following that, the most important drug interactions in pediatric oncology treatment are presented and discussed in detail. Finally, important topics such as Drug-Food Interactions are addressed. Drug Therapy and Interactions in Pediatric Oncology focuses in great detail on the drug interactions in Pediatric Oncohematology and will be an indispensable resource in daily practice for a wide range of health providers.

Nueva edición de este texto de referencia en Farmacología de reconocido prestigio internacional y con una larga trayectoria de más de 24 años. La marca "Rang & Dale" es garantía de éxito por su calidad científica y didáctica. Aborda profundamente los niveles celulares y moleculares de los fármacos, así como los mecanismos fisiológicos por los cuales actúan, y sus posibles efectos adversos. Con ello se pretende establecer el nexo de unión entre los efectos de los fármacos a nivel molecular y celular, y los efectos beneficiosos o adversos de éstos en el organismo humano. Incluye gran número de recursos didácticos: Cuadros de correlación clínica, poniendo de manifiesto la relevancia clínica de las ciencias básicas Cuadros de puntos clave que proporcionan información de forma concreta y rápidamente accesible. Un código de colores para los diferentes sistemas de órganos tratados. Magnífica iconografía a todo color, que facilita la comprensión de conceptos clave al llevar todas las explicaciones el soporte de una o varias imágenes en color. Contenido adicional online: Banco de preguntas de autoevaluación, con respuesta razonada y referencia a las páginas del libro a través de [www.studentconsult.com](http://www.studentconsult.com). Banco de preguntas ampliado para el docente, a través de Evolve. Esta nueva edición incorpora nuevos capítulos que sobre temas de actualidad como: Mecanismos de defensa del huésped, Farmacogenética, Farmacología de las purinas, Hormonas locales y otros mediadores implicados en los procesos antiinflamatorios, Fármacos antiinflamatorios e inmunosupresores. Cubre las asignaturas de Farmacología Clínica en el Grado de Medicina y Farmacología y Terapéutica en el Grado de Farmacia.

Type 2 diabetes is now a global serious health problem. Patients with type 2 diabetes have 2-4 times higher risk of cardiovascular and renal complications, morbidity and mortality. This book, Type 2 Diabetes, is a unique book covering the topics including pathophysiology, complications and prevention and treatments. Understanding the etiology of the onset and development of type 2 diabetes is important to prevent type 2 diabetes complications and delay the progress. The Pathophysiology section covers a wide range of mechanisms and characteristics from the micro (molecular) to the macro (neurohormonal mechanisms and the beta-cell function in the pancreas). The Complications section includes renal complications, sympathetic nervous system imbalance, atherosclerosis, and foot ulcers which are frequently observed in diabetic patients. Finally, the Prevention and Treatments section consists of non-pharmacological treatments, bariatric surgery, pharmacological therapy, and insulin therapy. The editor hopes that this book is helpful for your clinical practice and research, and this book facilitates the reduction of global burden of type 2 diabetes.

La tercera edición del Manual de Fitoterapia constituye un compendio para la utilización de remedios naturales, principalmente plantas medicinales, de forma racional y basada en el conocimiento. Presenta la fitoterapia y su relación con las diferentes partes del cuerpo y sus dolencias, el protocolo de actuación, así como los nombres científicos y vulgares de cada una de las plantas. Este exhaustivo tratado de fitoterapia describe las características botánicas de las plantas, así como la actividad farmacológica, indicaciones, dosis, y seguridad de las mismas, haciendo hincapié en las contraindicaciones y los efectos adversos. La tercera edición del Manual de Fitoterapia se convierte en un texto con carácter formativo, eminentemente práctico y supone una herramienta útil para la docencia en fitoterapia que se imparte tanto en centros universitarios como en otros no universitarios. La obra va dirigida tanto a todos los profesionales en activo del área de fitoterapia, como a estudiantes de ciencias de la salud, principalmente a aquellos del Grado de Farmacia. Algunos de los profesionales de ciencias de la salud interesados en esta materia son los médicos, farmacéuticos o enfermeros, entre otros. Sin olvidar al público general interesado en la fitoterapia.

Medical toxicology is a sub-branch of toxicology concerned with the diagnosis, management, and prevention of poisoning and other adverse effects of drugs, cosmetics, personal care products, occupational and environmental toxicants, and biological agents. Poisoning with drugs, herbs, venoms, and toxins is a significant global public health problem. Medical toxicologists are involved in the assessment and treatment of acute or chronic poisoning, substance abuse, adverse drug reactions, drug overdoses, envenomation, industrial accidents, and other chemical exposures. As such, there is a pressing need for safe and specific antidotes, as many antidotes currently in use have a relatively low margin of safety or therapeutic index. This book focuses on poisonings with drugs, venoms, toxins, interaction in clinics, antidotes, and forensics. It provides qualified scientific knowledge on different aspects of medical toxicology, drug and substance abuse, clinical interactions between drugs and herbs, antidotes, antidote networks, and forensic toxicology.

O objetivo deste livro é provocar uma reflexão que aumente a aplicação e a discussão sobre a ênfase que norteia a necessidade do movimento corporal, com um olhar para a saúde humana. Para isso, utilizou-se diferentes métodos de pesquisas científicas, entre eles: a pesquisa descritiva, a pesquisa experimental, os relatos de casos e a pesquisa bibliográfica, para buscar um melhor entendimento dessa necessidade com uma visão não estética, que está baseado em evidências científicas. Os resultados são estudos realizados por acadêmicos e professores universitários que mostram as possibilidades aumentadas da influência da atividade física e do exercício físico controlado sobre os distintos problemas de saúde, evidenciando, ainda, que a inatividade física aumenta as chances de instalação e agravos de doenças. A conclusão mostra que, de fato, o ser humano precisa adquirir hábitos de vida saudáveis, com ênfase no olhar para o exercício físico, aumentando, com isso, as chances de se ter uma vida feliz em todas as suas fases.

Nueva edición del texto de referencia en farmacología que, con una trayectoria de más de 25 años se convierte en la obra de primera elección para el estudiante de Medicina, por su carácter didáctico y abordaje visual. La nueva edición se organiza de la misma forma que la ed. vigente (6 secciones) a través de las cuales se explican los mecanismos de actuación de los fármacos. Presenta de una forma clara y exhaustiva los aspectos más relevantes de la farmacología, desde la comprensión de los receptores moleculares y las acciones farmacológicas, hasta las aplicaciones clínicas de grupos esenciales de fármacos. Se ha actualizado toda la obra, de forma que se recogen los últimos avances en la especialidad, incluidos los fármacos y las investigaciones más novedosas. Entre ellas cabe destacar una amplia revisión de los fármacos del SNC, los potenciadores cognitivos, los antiinfecciosos, los productos biológicos (biofármacos) y los fármacos extraterapéuticos. Acceso a un banco de preguntas de autoevaluación y a casos clínicos desarrollados.

This simple, jargon-free text fits in your pocket, providing an 'on-the-spot' guide to clinician-performed ultrasound in the emergency department, intensive care unit or in the field. Written by an international team of experts and comprehensively updated in its third edition, Emergency Ultrasound Made Easy brings together in one volume the latest indications for focused ultrasound, including those related to the COVID-19 pandemic. The text is highly accessible and easy to use in an emergency. It is aimed at the rapidly expanding cohort of non-radiologist clinical sonographers who use focused ultrasound. However, its broad scope (for example using ultrasound in the rapid diagnosis of DVT) makes it an invaluable addition to the library of any doctor with an interest in the technique, whether in primary care or the hospital setting. Simple to read and follow Free of jargon Fast step-by-step guide to ultrasound procedures Clear diagrams Tips and pitfalls to avoid Multiple accompanying videos featuring examples of ultrasound in clinical practice New chapter on the use of ultrasound in small anatomical structures such as the eyes and testes New chapter on paediatric ultrasound Respiratory chapter updated to include COVID-19 Multiple accompanying videos featuring examples of ultrasound in clinical practice New chapter on the use of ultrasound in small anatomical structures such as the eyes and testes New chapter on paediatric

ultrasound Respiratory chapter updated to include COVID-19

A masterful, high-yield guide to the treatment of substance abuse issues, *The ASAM Essentials of Addiction Medicine* equips you with the expert know-how you need to provide effective help for your patients. Derived from *The ASAM Principles of Addiction Medicine, 5th Edition* – widely hailed as the definitive comprehensive clinical reference in the field – this companion resource presents the collective wisdom of hundreds of esteemed authorities on the art and science of addiction medicine. Yet, it does so in a succinct format that will appeal to specialists seeking a more streamlined, quick-access reference source. Find the authoritative answers you need on everything from the pharmacology of addiction through diagnosis, assessment, and early intervention; various forms of addiction management...treatment of individual patient populations; management of intoxication and withdrawal; pharmacologic and behavioral interventions; recovery programs; medical disorders and complications...co-occurring addiction and psychiatric disorders; pain and addiction; children and adolescents; and ethical, legal, and liability issues. Contribute to public health in the area of addiction thanks to a special introductory chapter entitled “A Public Health Approach to Prevention: The Health Professional’s Role.” Easily switch back and forth between the *ASAM Essentials* and the parent text thanks to a parallel chapter organization. Zero in on the most important, practical information thanks to highly focused, efficient coverage. Maximize your understanding and retention of vital concepts with the aid of key points summaries, review questions, and suggested readings in each chapter.

Taken from the Robbins text and Klatt’s own extensive collection, these brilliantly illustrated flash cards present gross, photomicrographic, and radiologic images that allow you to test yourself on key pathologic information, facts, and functions. Each card features two clinical vignettes (700 cases in all), with images or diagrams, two to five questions, and an explanation to the questions. Be as prepared as possible for your exams by studying clinical cases in a format that mimics the USMLE. Study efficiently and quickly look up key information with help from page references to the parent texts, Robbins and Cotran *Pathologic Basis of Disease* and Robbins *Basic Pathology*. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability.

Organized in conjunction with Rang and Dale’s *Pharmacology 9th edition*, *Rang & Dale's Pharmacology Flashcards* helps you review what you learn in class and reinforce essential information. One side of each flashcard features a diagram of the pathophysiological processes including the drug class at the top of the card. The back of the card details essential information for that drug class including actions, mechanism of action, pharmacokinetic aspects, adverse effects, the names of related drugs and important aspects of clinical use. Completely updated with the latest knowledge in pharmacology and clinical use. New chapter on drugs used for eye and skin conditions, new coverage of clinical use of biopharmaceuticals in a wide range of conditions, and a concise explanation of the rapidly growing impact of pharmacogenetics. Clinical correlations help you apply information to real-life situations. Compact and efficient size make it easy to carry selected cards with you and study on the go. A perfect study aid and complement to *Rang & Dale’s Pharmacology, 9th Edition*—ideal for exam preparation.

La 2a ed de las Flash Cards, novedad en nuestro catálogo, se organiza en base a la nueva ed. de la obra de referencia, Ritter, Rang y Dale *Farmacología 9a ed*(Febrero 2020) . A nivel estratégico cumplen con dos objetivos fundamentales: ampliar la "familia" RANG y DALE, bestseller en Farmacología y por otro lado, constituir una herramienta perfecta para la retención y memorización de la gran cantidad de conceptos y procesos propios de la Farmacología. Se presentan un total de 360 fichas agrupadas en 39 secciones. En cada una de las secciones se estudian varios principios activos que están agrupados por grupos terapéuticos. La estructura de las fichas es muy homogénea, ya que en el anverso de cada se indica una clase farmacológica y, cuando resulta pertinente se presenta un esquema que muestra los diferentes procesos fisiopatológicos sobre los que actúa, mientras que en el reverso se incluye la información básica referida a esta clase farmacológica; efectos, mecanismo de acción, aspectos farmacocinéticos, efectos adversos y fármacos relacionados. En cada una de las fichas se encuentran referencias cruzadas al texto de referencia citado anteriormente, de forma que el estudiante siempre puede ampliar la información o disponer de más detalle si lo precisa. Uno de los puntos fuertes de estas flashcards es que abordan el mecanismo de actuación de los diferentes fármacos desde un enfoque fisiopatológico de cada uno de los trastornos; es decir, para entender cómo funciona un antihipertensivo hay que comprender bien cuál es el mecanismo fisiológico por el que se produce esta patología

Esta sexta edición de *Farmacología: Texto y Atlas*, edición traducida ya a más de diez idiomas, presenta, en un formato práctico de bolsillo y con un diseño didáctico impecable, los contenidos fundamentales de la farmacología completamente revisados y actualizados. La óptima visión general resulta de la división del libro en partes separadas por colores, junto con el valioso concepto de edición a doble página. Entre sus características se destacan: - La primera parte, *Farmacología general*, presenta información detallada sobre temas generales como la absorción, la distribución y la eliminación de los fármacos, además de analizar los mecanismos moleculares de los efectos farmacológicos. - La segunda parte, *Farmacología especial*, describe los distintos grupos de fármacos con énfasis en los aspectos funcionales y terapéuticos. - La tercera parte, *Tratamiento de patologías especiales*, incluye información sobre la terapéutica de patologías comunes e importantes como la hipertensión arterial, el infarto de miocardio, la sepsis, el asma y muchas otras. - Más de 170 láminas, con un diseño gráfico cuidado, ilustran el contenido en forma clara y simple, y facilitan la comprensión de los principios básicos de cada tema. - El glosario proporciona un panorama de los términos farmacológicos más importantes.

Natural products in the plant and animal kingdom offer a huge diversity of chemical structures that are the result of biosynthetic processes that have been modulated over the millennia through genetic effects. With the rapid developments in spectroscopic techniques and accompanying advances in high-throughput screening techniques, it has become possible to isolate and then determine the structures and biological activity of natural products rapidly, thus opening up exciting opportunities in the field of new drug development to the pharmaceutical industry. The series also covers the synthesis or testing and recording of the medicinal properties of natural products, providing cutting edge accounts of the fascinating developments in the isolation, structure elucidation, synthesis, biosynthesis and pharmacology of a diverse array of bioactive natural products. Focuses on the chemistry of bioactive natural products Contains contributions by leading authorities in the field Presents sources of new pharmacophores

With a focus on functional relationships between drugs and their targets, this book covers basic and general pharmacology, from a cellular and molecular perspective, with particular attention to the mechanisms of drug action – the fundamental basis for proper clinical use- without neglecting clinical application, toxicology and pharmacokinetics. • Covers cell and molecular pharmacology, bringing together current research on regulation of drug targets, at a level appropriate for advanced undergrad and graduate students • Discusses the relevance of pharmacokinetics and drug development for the clinical application of drugs • Presents material from the perspective of drug targets and interaction, the theoretical basis of drug action

analysis, and drug properties • Focuses on structure-function relationships of drug targets – informing about their biochemical and physiologic functions and experimental and clinical pathways for drug discovery and development • Has a companion website that offers a host of resources: short additional chapters about methodology, topics at the forefront of research, and all figures and tables from the book

Develop the understanding and clinical reasoning skills you'll need to confidently manage dysphagia in professional practice! This logically organized, evidence-based resource reflects the latest advancements in dysphagia in an approachable, student-friendly manner to help you master the clinical evaluation and diagnostic decision-making processes. Realistic case scenarios, detailed review questions, and up-to-date coverage of current testing procedures and issues in pediatric development prepare you for the conditions you'll face in the clinical setting and provide an unparalleled foundation for professional success. Comprehensive coverage addresses the full spectrum of dysphagia to strengthen your clinical evaluation and diagnostic decision-making skills. Logical, user-friendly organization incorporates chapter outlines, learning objectives, case histories, and chapter summaries to reinforce understanding and create a more efficient learning experience. Clinically relevant case examples and critical thinking questions throughout the text help you prepare for the clinical setting and strengthen your decision-making skills. Companion Evolve Resources website clarifies key diagnostic procedures with detailed video clips.

Obra dotada de un planteamiento muy novedoso donde se explica la farmacología integrada con otras áreas muy relacionadas, como pueden ser la fisiología, la anatomía, la patología, etc. Destaca por su gran atractivo iconográfico, con esquemas a todo color que clarifican los conceptos, haciendo de ella un instrumento de fácil manejo para el estudiante. Es una farmacología presentada por sistemas corporales, dotada de profusión de recursos didácticos, totalmente útiles para los estudiantes como sumarios, cuestiones críticas, preguntas de auto-evaluación. Resalta las interacciones entre fármacos y los efectos secundarios de éstos y cuenta con numerosos boxes donde se enfatiza el aspecto clínico de cada uno de los fármacos. Obra donde se explica la farmacología integrada con otras áreas muy relacionadas, como pueden ser la fisiología, la anatomía, la patología, etc. Es una farmacología presentada por sistemas corporales, dotada de profusión de recursos didácticos, totalmente útiles para los estudiantes como sumarios, cuestiones críticas, preguntas de auto-evaluación. Translation of Page: Integrated Pharmacology 1e

Farmacologia é a ciência que estuda a história, as propriedades físico-químicas, os efeitos bioquímicos e fisiológicos, os mecanismos de ação e os processos cinéticos dos fármacos. Como disciplina, ela exige de estudantes e profissionais de saúde um amplo conhecimento multidisciplinar, uma vez que envolve diversas áreas específicas, como bioquímica, biologia celular, fisiologia e fisiopatologia. Em geral, os estudantes sentem dificuldade de compreender a Farmacologia porque a literatura é pesada, com textos muito formais e difíceis de entender. Para quebrar esse paradigma, esta obra se destina ao estudo da Farmacologia básica, podendo ser adotada por estudantes da área de Saúde e, como livro-texto, por professores. Aqui são abordados princípios gerais, bem como a Farmacologia dos principais sistemas orgânicos, em uma linguagem didática, de fácil compreensão, ilustrada, visando facilitar o aprendizado de tão fascinante tema. Quem disse que a Farmacologia é um bicho de sete cabeças? Confira aqui!

An in-depth exploration of the applications of plant bioactive metabolites in drug research and development Highlighting the complexity and applications of plant bioactive metabolites in organic and medicinal chemistry, *Plant Bioactives and Drug Discovery: Principles, Practice, and Perspectives* provides an in-depth overview of the ways in which plants can inform drug research and development. An edited volume featuring multidisciplinary international contributions from acclaimed scientists researching bioactive natural products, the book provides an incisive overview of one of the most important topics in pharmaceutical studies today. With coverage of strategic methods of natural compound isolation, structural manipulation, natural products in clinical trials, quality control, and more, and featuring case studies on medicinal plants, the book serves as a definitive guide to the field of plant biodiversity as it relates to medicine. In addition, chapters on using natural products as drugs that target specific disease areas, including neurological disorders, inflammation, infectious diseases, and cancer, illustrate the myriad possibilities for therapeutic applications. Wide ranging and comprehensive, *Plant Bioactives and Drug Discovery* also includes important information on marketing, regulations, intellectual property rights, and academic-industry collaboration as they relate to plant-based drug research, making it an essential resource for advanced students and academic and industry professionals working in biochemical, pharmaceutical, and related fields.

A Farmacologia saiu das mãos do médico e foi assumida pela indústria farmacêutica, que investe muitos recursos financeiros em pesquisas de alta complexidade. Dessa maneira novos fármacos são lançados no mercado a partir de experimentos indutivos (empíricos) que, na maioria das vezes, objetiva o tratamento 'paliativo' (entorpecer e anestesiá sintomas), cujos mecanismos de ação são desconhecidos e para os quais são elaboradas hipóteses indutivas que não traduzem a verdadeira ação do fármaco. Esta atuação farmacológica muitas vezes ocorre por causa dos efeitos colaterais e não pela ação primária. Como corrigir essa distorção? Através da metodologia científica dedutiva goethiana, que fundamenta a medicina baseada em conhecimento, o autor resgata a Farmacologia Clínica, que tanto falta ao médico e acadêmico de medicina. Dessa maneira serão formuladas hipóteses dedutivas no sentido de entender a ação curativa do fármaco.

*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.

Rang & Dale's *Pharmacology* provides you with all the knowledge you need to get through your pharmacology course and beyond. Drs. Humphrey P. Rang, Maureen M. Dale, James M. Ritter, Rod Flower, and Graeme Henderson present a clear and accessible approach to the analysis of therapeutic agents at the cellular and molecular level through detailed diagrams, full-color illustrations, and pedagogical features. Find and cross-reference information quickly using a color-coded layout that makes navigation easy. Effectively understand and review key concepts through detailed diagrams and full-color illustrations that clarify even the most complex concepts. Reinforce your learning with key points boxes and clinical uses boxes that highlight crucial information and clinical applications. Apply current best practices and clinical applications through thoroughly updated and revised drug information. Stay current with the latest developments in the field thanks to major updates in chapters such as *How Drugs Act*; *Amino Acid Transmitters*; *Analgesic Drugs*; *Antidepressant Drugs*; and *Drug Addiction, Dependence & Abuse*. Tap into comprehensive content tailored to your courses with new and reorganized chapters on *Host Defense*; *Inflammatory Mediators*; *Pharmacogenetics, Pharmacogenomics & Personalized Medicine*; *Hydroxytryptamine & The Pharmacy of Migraine*; and *Purines*.

A informação farmacológica essencial de que você precisa – para seu estudo, pesquisa e atividades profissionais! Durante 25 anos, Rang & Dale Farmacologia tem fornecido a informação científica básica de farmacologia exigida por estudantes e profissionais de saúde em todo o mundo. A 8ª Edição desta obra, abrangente e de fácil leitura, continua a tradição de excelência, com uma nova referência a

fármacos de atuação na pele e novos componentes. • Obtenha as informações essenciais de farmacologia que você precisa, a partir de uma fonte com autoridade e reputação global de excelência. • Acesse um conteúdo de confiança sobre todos os aspectos relevantes da farmacologia, começando com uma abordagem molecular de receptores e ações de fármacos por meio de usos clínicos de grupos-chave de fármacos. • Encontre o conteúdo que você precisa rapidamente, graças a um esquema de cores que torna possível uma navegação fácil e a referências cruzadas. • Domine conceitos difíceis com quadros de pontos-chave, quadros de usos clínicos e ilustrações coloridas em toda a obra. • Esteja atualizado com as novas informações na área, incluindo um novo capítulo sobre os fármacos que afetam a pele.

Nueva edición del texto de referencia en farmacología, que una vez más bajo la marca global "Rang & Dale" se presenta como un verdadero bestseller en la disciplina. Obra consolidada internacionalmente, que al igual que en las ediciones anteriores, no sólo trata profundamente los niveles celulares y moleculares de los fármacos, sino también los mecanismos fisiológicos por los cuales actúan así como sus posibles efectos adversos. De hecho lo que la obra pretende una vez más es establecer el nexo de unión entre los efectos a nivel molecular y celular y el marco de efectos beneficiosos y adversos que se experimentan cuando se le administran fármacos al ser humano ya sea por razones terapéuticas o de otra índole. La nueva edición presenta la misma organización en Secciones, todos los capítulos se han actualizado, especialmente se ha añadido información en los capítulos 2 y 3 sobre el agonismo sesgado, la modulación alostérica y la desensibilización. Igualmente, en el capítulo 3 se ha renovado toda la parte correspondiente a los receptores nucleares. Los capítulos 17 y 18 han sufrido también una exhaustiva revisión y se ha incorporado contenido adicional sobre los fármacos potenciadores de la función cognitiva tratados en el capítulo 48. En la Sección 3, se incluye un nuevo capítulo de Fármacos y piel y otros órganos. Los autores consideran que este es un campo en desarrollo y que los fármacos que afectan a la piel, no han sido tratados en las ediciones anteriores de la obra. Incluye StudentConsult.com (en inglés) en el que puede encontrarse un extenso glosario y una batería de preguntas de autoevaluación con respuesta razonada.

Pharmacology Condensed, 2nd Edition is a companion volume to Rang et al's Pharmacology, sets out to provide the reader with the quintessence of pharmacology, delineating, in text and summary diagrams, the key points of the information which will be needed later in professional life. It will help reinforce the facts and concepts in pharmacology that are essential in appreciating how drugs work and their underlying pathophysiological processes. Each of the 49 short chapters adopts a standard approach and the book includes many illustrations specially designed to summarise textual material. Within each chapter, several drugs may be mentioned but only the most important drugs from each group are set out in bold type. Readers using this book will gain a fuller understanding of the essential aspects of pharmacology. It will also be of considerable help in preparing for examinations. This book is best used with Rang Pharmacology but can also be used in conjunction with another pharmacology textbook. Heart rate variability (HRV) is considered a reliable reflection of the many physiological factors modulating the normal rhythm of the heart. It reflects autonomic nervous system (ANS) function, and as such, it is used in numerous fields of medicine. Written by experts in the field, this book provides a comprehensive overview of HRV. The first section is dedicated to technical themes related to monitoring and the variables recorded. The second section highlights use of HRV in hypothermia. Finally, the third section covers general aspects of HRV application.

Review what you learn in class and reinforce essential drug information. Using generic drug names, Rang & Dale's Pharmacology Flash Cards cover the actions, mechanisms of action, pharmacokinetic aspects, clinical uses and adverse effects of all important drugs. The 320 cards are divided into sets, each covering a different body system. Each card features a multi-color diagram that indicates how drugs may exert their action on that system. Detailed information is presented on the reverse side so that you can easily test your knowledge of the drug. With a portable format and references to Rang and Dale's Pharmacology, 7th Edition and Dale and Haylett: Pharmacology Condensed, 2nd Edition, these cards make it easy to review what you need to know in pharmacology. Includes multi-color diagrams of the main pathophysiology affected by drugs to put them in the context in which they act on the body. Details all important drugs and refers to drugs with similar actions/uses. Demonstrates clinical correlations so you can apply the material to real life situations. Presents the cards arranged by system to match Rang and Dale's Pharmacology, 7th Edition to better prepare you for exams, including Best of Five and USMLE Step 1. References Rang and Dale's Pharmacology, 7th Edition and Dale and Haylett: Pharmacology Condensed, 2nd Edition to allow ready access to further information. Provides a convenient hole-punched, ring-bound format to make the cards portable for easy use anywhere.

Fonte de pesquisa rápida, abrangente e atual, priorizando os temas relacionados diretamente à prática clínica e as particularidades do diagnóstico, do manejo clínico e da terapêutica dos principais transtornos mentais em crianças e adolescentes, adultos e idosos. Este livro de bolso tem como base de referência os antecessores, o tratado Clínica Psiquiátrica e o Compêndio de Clínica Psiquiátrica, nos quais podem ser encontrados conteúdos adicionais, em profundidade. Uma característica inovadora deste manual é o seu alinhamento ao DSM-5, recentemente publicado. Para garantir a agilidade do acesso às informações mais relevantes para a tomada de decisões no ambiente clínico, o conteúdo textual deste manual é apresentado em itens, com parágrafos curtos e objetivos destacados por bullets.

Editora Manole

The book provides valuable information on wild plants and their ethnopharmacological properties, discussion on ethnobotany, phytotherapy, diversity, chemical and pharmacological properties including antifungal, anti-inflammatory and antiprotozoal properties. The chapters include a wide range of case studies, giving updated evidence on importance of wild plant resources from different countries including Nepal, India, Brazil, Chile, Argentina, Colombia, Egypt, Peru, etc. In addition, some specific species are used to explain their potential properties. Discussing traditional usage and pharmacological properties of wild plants, this book is entirely different from other related publications and useful for the researchers working in the areas of conservation biology, botany, ethnobiology, ethnopharmacology, policy making, etc.

Rang & Dale's Pharmacology Elsevier Health Sciences

The premier comprehensive textbook in the field, Yaffe and Aranda's Neonatal and Pediatric Pharmacology, Fifth Edition, provides an authoritative overview of all aspects of drug therapy in newborns, children, and adolescents. It offers evidence-based guidelines for safe, effective, and rational drug therapy, including specific recommendations for all major drug classes and diseases. Now in a vibrant two-color format, this fully revised reference is an indispensable resource for pediatricians, neonatologists, pediatric residents, and fellows in different pediatric subspecialties, including neonatal medicine and pediatric critical care.

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