

Pharmacology



Electronic thematic exhibition

Alyautdin, R. N. Pharmacology. Illustrated textbook / ed. R. N. Alyautdin. - Москва: ГЭОТАР-Медиа, 2020. - 312 с. - URL: <https://www.studentlibrary.ru/en/book/ISBN9785970456651.html>

Annotation: This textbook contains information in all areas of general and specific pharmacology. The basic volume is preceded by the two references to world and Russian history of pharmacology which outline the key milestones of pharmacology development in the global and domestic framework.

The present textbook provides abundant visual aids: the text on one side of a page-spread is accompanied with an illustration on the other side. Such structure makes it easy for the reader to peruse the sketch, chart, or diagram without abandoning the text.

Notwithstanding the concise narrative, the textbook contains information on all drugs included in the academic program on pharmacology, as well as the new pharmaceutical products and lately established mechanisms of their action.

This book is intended for students of medical and pharmaceutical higher education institutions, physicians and pharmacists. It can also be instrumental for pharmacology educators in preparation for lectures and seminars.

Kharkevitch, D. A. Pharmacology / Kharkevitch D. A. - Москва: ГЭОТАР-Медиа, 2008. - 672 с. - URL:

<https://www.studentlibrary.ru/en/book/ISBN5970402648.html?SSr=13013462311614288fc657alibkgmuirina>

Annotation: Translation under the editorship of professor E.E. Zvartau. Linguistic editing M. Zvartau and J. Hind. The ninth-A edition of the textbook is revised and supplemented with new information. Modern considerations concerning the bases of pharmacotherapy of certain diseases are being discussed. Mechanisms of drug action are reviewed according to the latest achievements in fundamental pharmacology. The textbook is designed for medical students.

Kharkevitch, D. A. Pharmacology: Textbook / Translation of Russian textbook, 12th edition, revised and improved. - M.: ГЭОТАР-Медиа, 2019. - URL: <https://www.studentlibrary.ru/en/book/ISBN9785970449851.html?Sr=13013462311614288fc657alibkgmuirina>

Annotation: The 2nd edition of the textbook is revised and supplemented with new information. Modern considerations concerning the bases of pharmacotherapy of certain diseases are being discussed. Mechanisms of drug action are reviewed according to the latest achievements in fundamental pharmacology. The textbook is designed for medical students.

eBook Clinical Collection (EBSCOhost)

Pharmacology-research, Safety Testing and Regulation Liu, George Cheng, Derek New York: Nova Science Publishers, Inc. 2012. - URL:

<https://search.ebscohost.com/login.aspx?direct=true&db=e600xww&AN=540242&lang=ru&site=ehost-live>

Annotation: This book presents current research in the study of pharmacology. Topics discussed include antidepressants therapy; monitoring antidepressant therapy by using heart rate variability; tianeptine and sertraline; gender differences in response to antidepressants; organotin polyethers as anticancer drugs; geldanamycin derivatives as promising anticancer drugs; design of novel anticancer drugs utilizing busulfan for optimizing pharmacological properties; advances in drug discovery to assess cholinergic neurotransmission; models of intestinal drug permeability and pharmacopoeial quality of antimicrobial and antiviral formulations

**Pharmacology in Anesthesia Practice Anita Gupta
Nina Singh-Radcliff New York: Oxford University Press. 2013. -
URL:**

<https://search.ebscohost.com/login.aspx?direct=true&db=e600xww&AN=603930&lang=ru&site=ehost-live>

Annotation: In anesthesia practice and treatment, pharmacology and therapeutics are intimately related, synergistic, and mutually reinforcing. Rapid advances in pharmacotherapy often offer myriad treatment options for clinicians to sort through when developing patient management strategies. In turn, the principles of clinical therapeutics are rooted in fundamental pharmacology. Clinicians must understand pharmacologic principles in order to formulate and implement therapeutic algorithms that maximize patient benefit. *Pharmacology in Anesthesia Practice* provides clinicians with a rapid and easy review of the most commonly utilized pharmacologic agents during perioperative care. Clinical application is emphasized throughout. It aims to offer clinicians point-of-care guidance from internationally recognized authors and centers of excellence.

Pharmacology Case Studies for Nurse Prescribers

Scholefield, Donna Ed.: 2nd ed. Keswick, United Kingdom: M&K Publishing. 2015. - URL:

<https://search.ebscohost.com/login.aspx?direct=true&db=e600xww&AN=1048516&lang=ru&site=ehost-live>

Annotation: Nurse prescribers are now practising within every discipline of nursing and midwifery, both in the community and the hospital setting. This much-needed book is aimed particularly at students on a non-medical prescribing (NMP) course as well as those nurses who are studying for their community practitioner non-medical prescribing qualification as part of the specialist practice programme. The book is also a useful resource for nursing students and registered nurses who administer and/or prescribe medicines. The authors offer a basic introduction to pharmacological concepts, embedded in specific conditions, through case studies and self-assessment questions. By utilising a case study approach, they enable the reader to link pharmacological concepts with clinical practice. Many of the conditions presented will be seen across all healthcare settings. In addition, the comprehensive glossary and list of abbreviations will enable students to understand some of the more technical terms used in the British National Formulary (BNF) and other prescribing sources. Reading this book, and carrying out the numerous self-assessment activities, will give the reader an appreciation of the value of having a sound pharmacological knowledge base in order to deliver safe practice, effective prescribing and improved patient care.

Essential Pain Pharmacology: The Prescriber's Guide Smith, Howard S. Pappagallo, Marco Stahl, Stephen M. Cambridge, UK: Cambridge University Press. 2012. - URL:

<https://search.ebscohost.com/login.aspx?direct=true&db=e600xww&AN=480286&lang=ru&site=ehost-live>

Annotation: Essential Pain Pharmacology: The Prescriber's Guide expertly reviews the most important medications used to relieve pain, now considered by many physicians as the fifth vital sign. The catalogue of analgesics has expanded rapidly, and this text presents the most up-to-date, comprehensive array of agents available for prescribing. Each clear and concise drug entry covers the range of indications, advantages and disadvantages, and tips for appropriate dosing and avoiding adverse effects. A separate section covers nutraceuticals, a class of drug increasingly used to manage chronic pain, yet little discussed in medical literature. The detailed description of each medication enables the user to make quick and informed decisions, confident that they are best serving the needs of their patients. Practical 'pearls' for each entry provide a quick go-to reference for the key information to consider before prescribing. This concise user-friendly reference is a must-have on the shelf of every physician.

Cancer Pharmacology and Pharmacotherapy Review: Study Guide for Oncology Boards and MOC Exams Anthony J. Perissinotti, PharmD, BCOP Bernard L. Marini, PharmD Francis P. Worden, MD New York: Demos Medical. 2016. - URL: <https://search.ebscohost.com/login.aspx?direct=true&db=e600xww&AN=1193410&lang=ru&site=ehost-live>

Annotation: Cancer Pharmacology and Pharmacotherapy Review is the first book devoted entirely to providing the 'must-know' facts on each cancer agent-including their pharmacokinetics, FDA-approved indications, toxicity, interactions, and other important information that is commonly found on board examinations and essential for any clinician or practitioner to review. The authors, an oncologist and two pharmacists, have developed a handy question-and-answer format to present the material in digestible bursts. As the pharmacology section continues to represent a major portion of the medical oncology exam and a key component on oncology MOC exams, this portable study guide will help prepare anyone looking to fine-tune their knowledge on cancer drugs before the test. Not to mention, with recent advancements in the field of cancer treatment, it has become more cumbersome to recall and maintain essential knowledge of every cancer therapeutic-making this book not only an exam resource but also a handy quick reference for oncologists and pharmacists alike. **KEY FEATURES** Conveniently organized and arranged by drug class and subtypes for easier recall and classification Includes proper dosage adjustments to account for liver and kidney dysfunction Features tables throughout that provide quick reference regarding FDA-approved medications Simplified diagrams and illustrations facilitate the pharmacokinetic processes.

Stoelting's Handbook of Pharmacology and Physiology in Anesthetic Practice Stoelting, Robert K. Shafer, Steven L. Rathmell, James P. Flood, Pamela Ed.: Third edition. Philadelphia: Wolters Kluwer Health. 2015. - URL:

<https://search.ebscohost.com/login.aspx?direct=true&db=e600xww&AN=2018219&lang=ru&site=ehost-live>

Annotation: Get trusted anesthesiology guidance in a compact, high-yield source with Stoelting's Handbook of Pharmacology and Physiology in Anesthetic Practice. Updated from the Fifth Edition of Stoelting's Pharmacology and Physiology in Anesthetic Practice, this handbook provides succinct, current, and accurate information on the pharmacology and physiology that are relevant to anesthesiology, equipping you to deliver safe and effective perioperative patient management.

Diazepam: Medical Uses, Pharmacology and Health Effects
Pharmacology - Research, Safety Testing and
Regulation Авторы: Torres, Paul A. Walker, Harold
M. Hauppauge, NY: Nova Science Publishers, Inc. 2014. - URL:
[https://search.ebscohost.com/login.aspx?direct=true&db=e600xww&
AN=676826&lang=ru&site=ehost-live](https://search.ebscohost.com/login.aspx?direct=true&db=e600xww&AN=676826&lang=ru&site=ehost-live)

Annotation: Since their introduction to the market in the 1960s, benzodiazepines, and among them diazepam, have become one of the most frequently prescribed psychotropic drugs in industrial countries. These compounds are known for their sedative, hypnotic, anxiolytic, muscle-relaxant and anticonvulsant properties and their large therapeutic index. In this book, the authors present current research in the study of the medical uses, pharmacology and health effects of diazepam. Topics discussed include the consequences of early chronic exposure to diazepam on brain plasticity, cerebral functionality and behavior; diazepam use in anxiolytic animal therapy; the diazepam-like effects of medicinal plants; using zebrafish modeling as the foundation of research into the mechanisms of depression and diazepam usage; and the principal indications related to the molecular actions and advantages of diazepam.

Diuretics: Pharmacology, Therapeutic Uses and Adverse Side Effects Pharmacology-research, Safety Testing and Regulation
Авторы: Wouters, Lars
New York: Nova Science Publishers, Inc. 2013. - URL:

<https://search.ebscohost.com/login.aspx?direct=true&db=e600xww&AN=611406&lang=ru&site=ehost-live>

Annotation: Diuretics are drugs that increase urine water and salt excretion, and for that reason they are widely used for treating arterial hypertension, and edematous states such as decompensated cardiac failure, cirrhosis, and nephropathy. In this book, the authors present current research in the study of the pharmacology, therapeutic uses and adverse side effects of diuretics. Topics include the aquaretic effect of vasopressin V2 receptor antagonists; basic principles of diuretic therapy; predictors to blood pressure response and the adverse side effects of thiazide diuretics; diuretic therapy in heart failure; diuretics as antiepileptics; and potent diuretics and potassium sparing agents.

Pharmacotherapeutics for Advanced Practice: A Practical Approach Arcangelo, Virginia Poole Peterson, Andrew M. Wilbur, Veronica F. Reinhold, Jennifer A. Ed.: 4th edition. Philadelphia, PA: Wolters Kluwer Health. 2017. - URL:

<https://search.ebscohost.com/login.aspx?direct=true&db=e600xww&AN=2018152&lang=ru&site=ehost-live>

Annotation: Be ready to prescribe and administer drugs safely and effectively - and grasp all the vitals of pharmacology - with the fully updated Pharmacotherapeutics for Advanced Practice, 4th edition. Written by pharmacology nursing experts, this easy-to-read text offers proven frameworks for treating more than 50 common diseases and disorders. Learn how to identify disorders, review possible therapies, then prescribe and monitor drug treatment, accurately. Based on current evidence and real-life patient scenarios, this is the perfect pharmacology learning guide and on-the-spot clinical resource. Absorb the key principles and practical methods for accurate prescribing and monitoring, with... NEW chapter on Parkinson's disease, osteoarthritis, and rheumatoid arthritis NEW and updated therapies, and updated and additional case studies, with sample questions NEW content on the impacts of the Affordable Care Act.

Rituximab: Pharmacology, Clinical Uses & Health Effects Lake-Bakaar, G. V. Hauppauge, N.Y.: Nova Science Publishers, Inc. 2012. - URL:

<https://search.ebscohost.com/login.aspx?direct=true&db=e600xww&AN=541991&lang=ru&site=ehost-live>

Annotation: Rituximab (MabThera®, Rituxan®) is a chimaeric murine/human antibody targeted against the surface antigen CD20 that is expressed on normal and malignant human mature B cells, but not stem cells or plasma cells. It is potentially the proverbial magic bullet for diseases associated with B cell disorders as well as a probe for elucidating the role of B cells in health and disease. This book explores the full spectrum of activity of Rituximab in man.

Controversy Novinka Post, Jason W. Migne, Louis J. New York:
Nova Science Publishers, Inc. 2012. - URL:

[https://search.ebscohost.com/login.aspx?direct=true&db=e600xww
&AN=541333&lang=ru&site=ehost-live](https://search.ebscohost.com/login.aspx?direct=true&db=e600xww&AN=541333&lang=ru&site=ehost-live)

Annotation: Antidepressants are the category of drugs that act in a disease specific way to reverse the neuropathological basis of the symptoms of depression. In this book, the authors present current research in the study of the pharmacology, health effects and controversy relating to the use of antidepressants. Topics discussed in this compilation include the biology of fetal exposure to serotonin reuptake inhibitors; the addictive potential of antidepressant drugs; the immunomodulatory action of fluoxetine in normal and in pathological conditions; use of antidepressants in older people with mental illness; and the treatment of comorbid depression and alcohol abuse/dependence with antidepressant medications.

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