

Medicine in English

Educational literature for foreign students



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2021**

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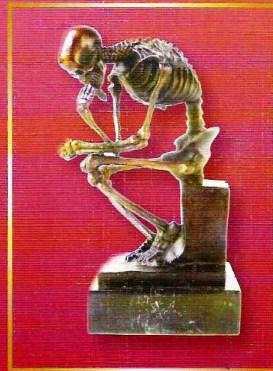
Gaivoronskiy, A. A. Kurtseva
M. G. Gaivoronskaya, G. I. Nichiporuk

АНАТОМИЯ КОСТНОЙ СИСТЕМЫ

ANATOMY OF BONE SYSTEM

The manual for medical students

*Учебное пособие для медицинских вузов
(специальность «Лечебное дело»)*



Санкт-Петербург
СпецЛит

Creation of the manual «Anatomy of Bone System» in English meets the requirements of modern Russian medicine and education. Nowadays, many English-speaking overseas students study in Medical Universities of Russia. Besides, many Russian school leavers have a good command of English, so they will be able to use this manual by taking into consideration the fact that many Russian medical specialists work abroad after graduating from the universities or take part in different international conferences and symposiums.

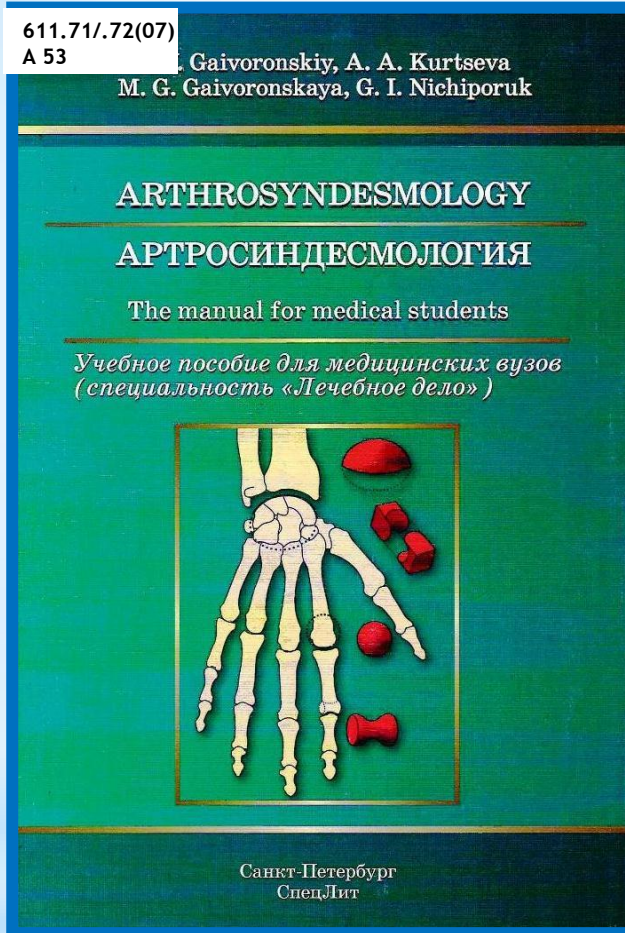
The English version of the manual is based on the Russian manual by professor I. V. Gaivoronskiy «Normal Human Anatomy» which has been published in Russia 9 times and is approved by the Ministry of education of Russia.

This manual introduces the main principles of the Russian Anatomy School, such as: detailed study of the general aspects and items of Anatomy including the development of organs and anomalies of the development. If we compare theoretical approaches to Anatomy in Russia and in other countries, we will see that our approach is based on the system descriptions of organs, i.e. we describe separately the Skeletal system, Articulations, Muscular system etc. Moreover, we use Latin terminology in describing the structure of organs, and discuss clinicoanatomical and functional problems. As for foreign manuals, many of them describe Anatomical systems in accordance with the regional and topographical principles.

The structure of our manual meets the requirements of modern standards of medical education in Russia which, in their turn, correspond to the major European standards. After each chapter, we give test questions and clinicoanatomical problems. The English and Latin terminology is given in accordance with the International Anatomical Nomenclature.

The authors strongly believe that the manual will allow future doctors to form the morphological foundation for the further study of theoretical and clinical disciplines. We also hope that it will be of great help to Anatomy teachers.

Anatomy of bone system : the manual for medical students (specialty "Medical business") / I. V. Gaivoronskiy [et al.]. - Saint Petersburg : SpecLit, 2014. - 88 p. : il.



The creation of the manual «Arthrosyndesmology» in English meets the requirement of modern Russian medicine and education. Nowadays many English-speaking overseas students study in Medical Universities of Russia. Besides, many Russian school leavers have a good command of the English language so they will be able to use this manual taking into consideration the fact that many Russian specialists in medicine work abroad after graduating from the universities or take part in different international conferences and symposiums.

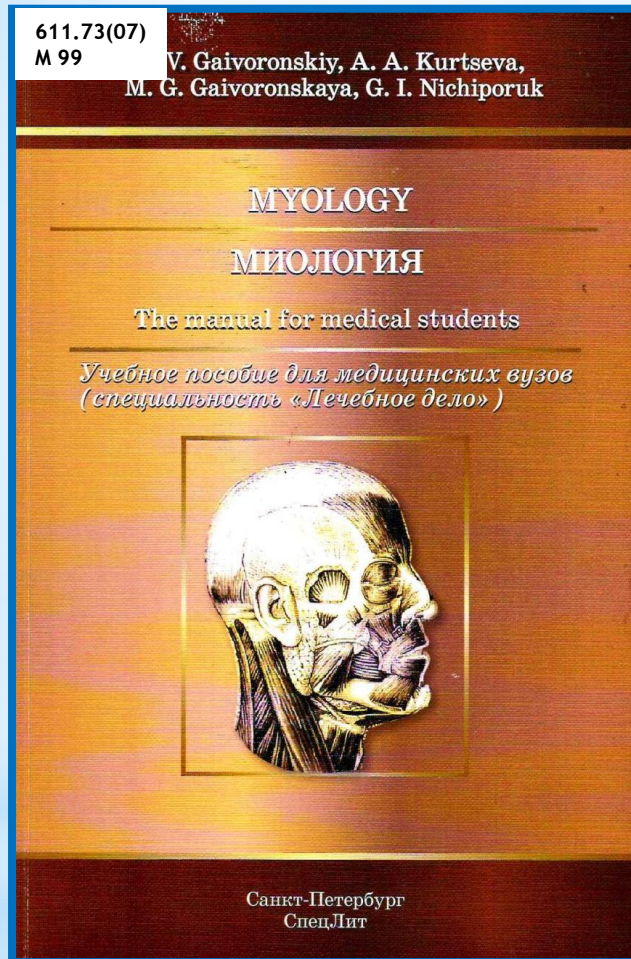
The English version of the manual is based on the Russian manual by professor I. V. Gaivoronskiy «Normal Human Anatomy» which has been published in Russia 9 times and is approved by the Ministry of education of Russia.

This manual introduces the main principles of Russian Anatomy School such as: detailed study of the general aspects and items of Anatomy including the development of organs and anomalies of the development. If we compare theoretical approaches to Anatomy in Russia and in other countries we'll see that our approach is based on the system descriptions of organs, i. e. we describe separately Skeletal system, Articulations, Muscular system etc. Moreover, we use Latin terminology while describing the organs and discuss clinicoanatomical and functional problems. As for the manuals in other countries many of them describe Anatomical systems in accordance with the regional and topographical principles.

The structure of our manual meets the requirements of modern standards of medical education in Russia which in their turn correspond to the major European standards. After each chapter we give test questions and clinicoanatomical problems. The English and Latin terminology is given in accordance with International Anatomical Nomenclature.

The authors strongly believe that the manual will allow future doctors to form the morphological foundation for the further study of theoretical and clinical disciplines. We also hope that it will be of great help to Anatomy teachers.

Arthrosyndesmology : the manual for medical students (specialty "Medical business") / I. V. Gaivoronskiy [et al.]. - Saint Petersburg : SpecLit, 2015. - 62 p. : il.



The creation of the manual «Myology» in English meets the requirement of modern Russian medicine and education. Nowadays many English-speaking oversea students study in Medical Universities of Russia. Besides, many Russian school leavers have a good command of the English language so they will be able to use this manual taking into consideration the fact that many Russian specialists in medicine work abroad after graduating from the universities or take part in different international conferences and symposiums.

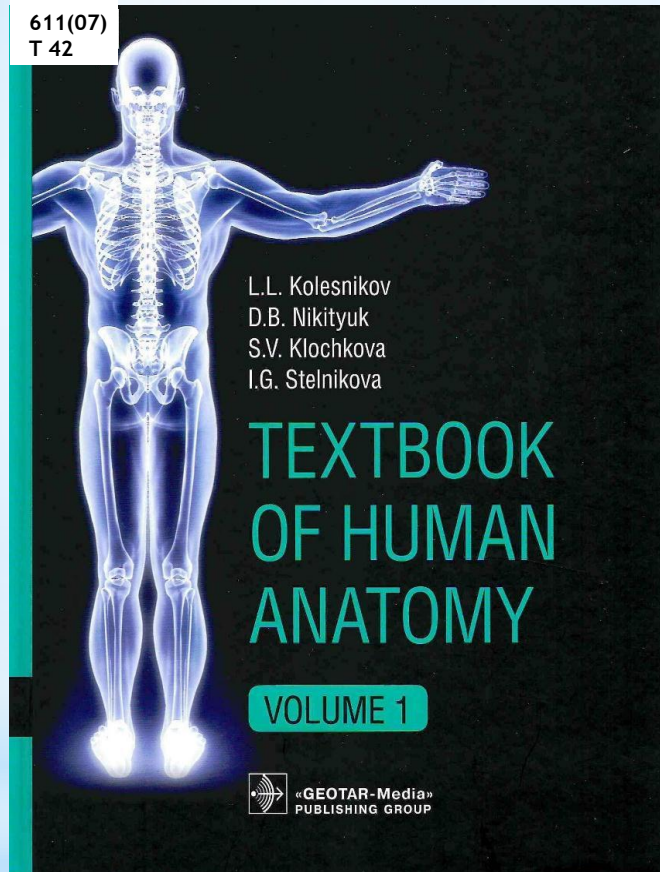
The English version of the manual is based on the Russian manual by professor Gayvoronskiy I.V. «Normal Human Anatomy» which has been published in Russia 9 times and is approved by the Ministry of education of Russia.

This manual introduces the main principles of Russian Anatomy School such as: detailed study of the general aspects and items of Anatomy including the development of organs and anomalies of the development. If we compare theoretical approaches to Anatomy in Russia and in other countries we'll see that our approach is based on the system descriptions of organs, i. e. we describe separately Skeletal system, Articulations, Muscular system etc. Moreover, we use Latin terminology while describing the organs and discuss clinicoanatomical and functional problems. As for the manuals in other countries many of them describe Anatomical systems in accordance with the regional and topographical principles.

The structure of our manual meets the requirements of modern standards of medical education in Russia which in their turn correspond to the major European standards. After each chapter we give test questions and clinicoanatomical problems. The English and Latin terminology is given in accordance with International Anatomical Nomenclature.

The authors strongly believe that the manual will allow future doctors to form the morphological foundation for the further study of theoretical and clinical disciplines. We also hope that it will be of great help to Anatomy teachers.

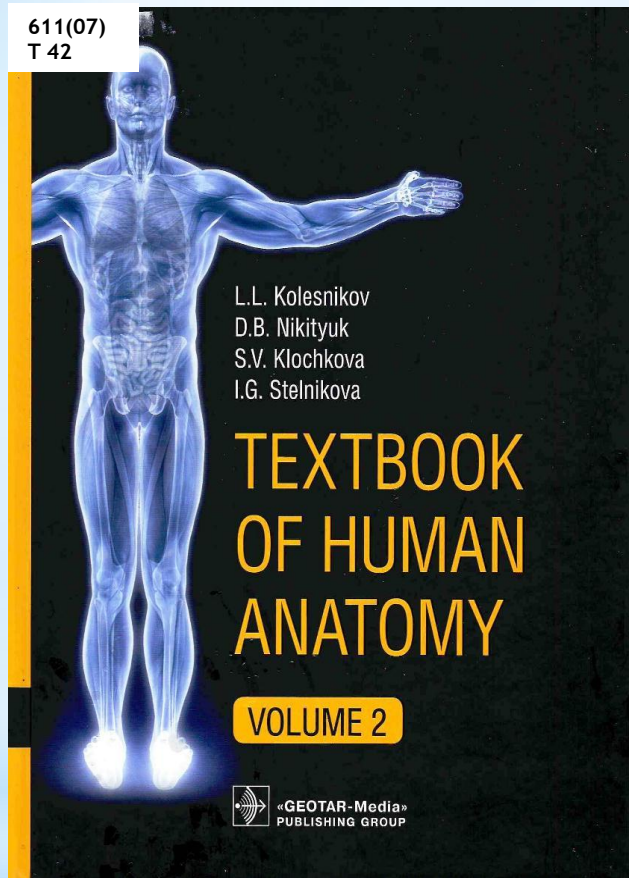
Myology : the manual for medical students (specialty "Medical business") / I. V. Gaivoronskiy [et al.]. - Saint Petersburg : SpecLit, 2016. - 112 p. : il.



This book provides essential facts of human anatomy for medical students. It demonstrates the basic knowledge for exam preparation and practice review of visual experiences. Plenty of clear illustrations (more than 900 pictures, radiographic and cross-sectional images) help students memorize the topics of anatomy. Modern imaging technologies allow the depiction of organs and systems in a variety of ways to gain thorough knowledge and to link to the clinical setting. The content of the book corresponds to the Federal Program for medical education.

Material is divided according to systemic anatomy into three volumes. Volume 1 contains Introduction, Human development, and Locomotor apparatus.

Textbook of Human Anatomy : textbook : in 3 vol. / L. L. Kolesnikov [et al.]. - M. : GEOTAR-Media, 2018.
• Vol. 1 : Locomotor apparatus / L. L. Kolesnikov [et al.]. - 2018. - 285 p. : il.

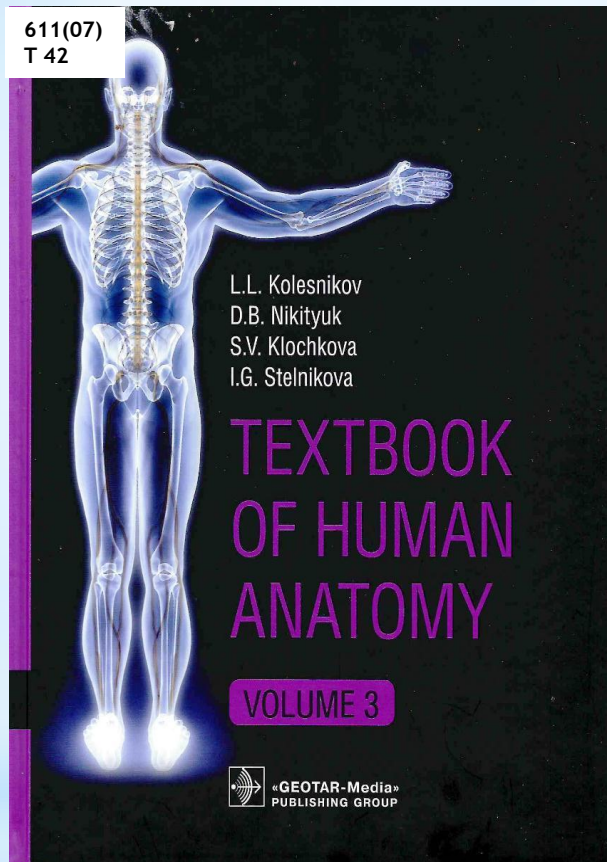


This book provides essential facts of human anatomy for medical students. It demonstrates the basic knowledge for exam preparation and practice review of visual experiences. Plenty of clear illustrations (more than 900 pictures, radiographic and cross-sectional images) help students memorize the topics of anatomy. Modern imaging technologies allow the depiction of organs and systems in a variety of ways to gain thorough knowledge and to link to the clinical setting. The content of the book corresponds to the Federal Program for medical education.

Material is divided according to systemic anatomy into three volumes. Volume 2 contains information about internal organs development (Respiratory, Urinary, Reproductive, Lymphoid, Cardiovascular systems and Endocrine glands).

Textbook of Human Anatomy : textbook in English : in 3 vol. / L. L. Kolesnikov [et al.]. - M. : GEOTAR-Media, 2018.

• **Vol. 2 : Splanchnology and cardiovascular system. - 2018. - 329 p. : il.**



This book provides essential facts of human anatomy for medical students. It demonstrates the basic knowledge for exam preparation and practice review of visual experiences. Plenty of clear illustrations (more than 900 pictures, radiographic and cross-sectional images) help students memorize the topics of anatomy. Modern imaging technologies allow the depiction of organs and systems in a variety of ways to gain thorough knowledge and to link to the clinical setting. The content of the book corresponds to the Federal Program for medical education.

Material is divided according to systemic anatomy into three volumes. Volume 3 contains information about nervous system structure (Central, Peripheral, Autonomic nervous systems) and sense organs.

Textbook of Human Anatomy : textbook in English : in 3 vol. / L. L. Kolesnikov [et al.]. - M. : GEOTAR-Media, 2018.

- **Vol. 3 : Nervous system. Esthesiology. - 2018. - 213 p. : il.**

* BIOCHEMISTRY

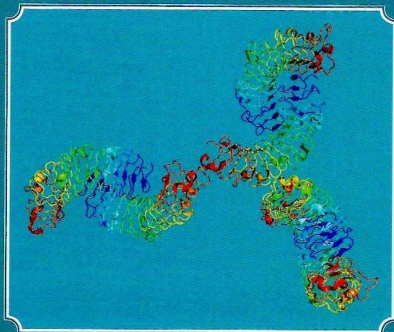
БИОХИМИЯ

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М 46 V. V. Davydov, T. P. Vavilova, A. V. Shestopalov,
S. A. Roumiantsev, E. R. Grabovetskaya

MEDICAL BIOCHEMISTRY



ЭКО ВЕКТОР

The textbook has been written according to the approved curriculum in biological chemistry for medical students specializing in Stomatology. It contains illustrated text of lectures on biochemistry as well as list of references and tests for knowledge control which can be used by students for biochemistry study.

Medical biochemistry : [textbook for medical universities] / V. V. Davydov [et al.]. - Saint Petersburg : Eco-Vector, 2018. - 391 p. : il.

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Federal State Autonomous Educational Institution of Higher Education
1. Sechenov First Moscow State Medical University of the Ministry
of Health of the Russian Federation (Sechenov University)



SECHENOV UNIVERSITY
LIFE SCIENCES

ESSENTIAL MEDICAL BIOLOGY

VOL. I

CELL BIOLOGY

Edited by N.V. Chebyshev



Medical Informational Agency

The textbook “Cell Biology” has been created by the composite authors of the department of Biology and General Genetics of the First Moscow State Medical University (Sechenov University) according to Biology course for medical students.

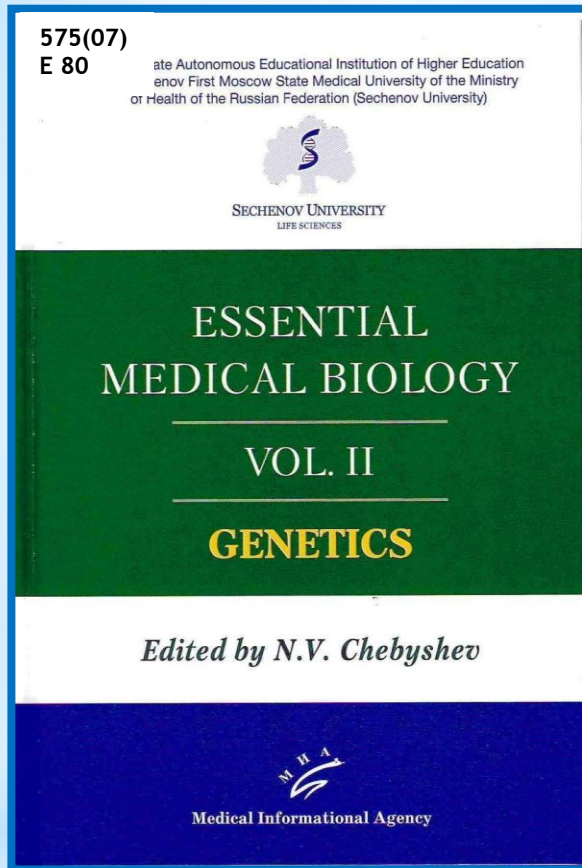
The authors used only up-to-date information on cell biology. The manual covers materials on cytology, taking into account the latest achievements in this field of biology. They are based on a long-term experience of teaching theoretical and practical course of cytology at the department. The edition represents materials of lectures and practical classes for students, and includes information related to the general structure of the cell, its chemical composition, metabolism and energy conversion occurring on cellular level.

The chapter on cell fission deals with all the aspects related to cell necrosis and apoptosis, cell cycle, and its regulation. The chapter on the reproduction of organisms describes various ways of sexual and asexual reproduction, gametogenesis.

The manual is distinguished by a clear structure of material’s presentation. It also contains a lot of illustrations (figures, diagrams, tables), which makes the information more apprehensible and structured. You can find control questions for self-testing at the end of each chapter.

First of all, the textbook is set for foreign students of medical universities. In addition, it can be useful for specialists and high readership.

Essential Medical Biology : [textbook] / Ministry of Health, I.M. Sechenov First Moscow State Medical University (Sechenov University); ed. by N. V. Chebyshev. - Moscow : Medical Informational Agency, 2020.
• **Vol. 1 : Cell Biology : textbook / N. V. Chebyshev, I. A. Berechikidze, S. M. Kuzin [et al.]. - 113 p. : il.**



The textbook “Genetics” has been created by the composite authors of the department of Biology and General Genetics of the First Moscow State Medical University (Sechenov University) according to Biology course for medical students specializing in general medicine, stomatology, etc.

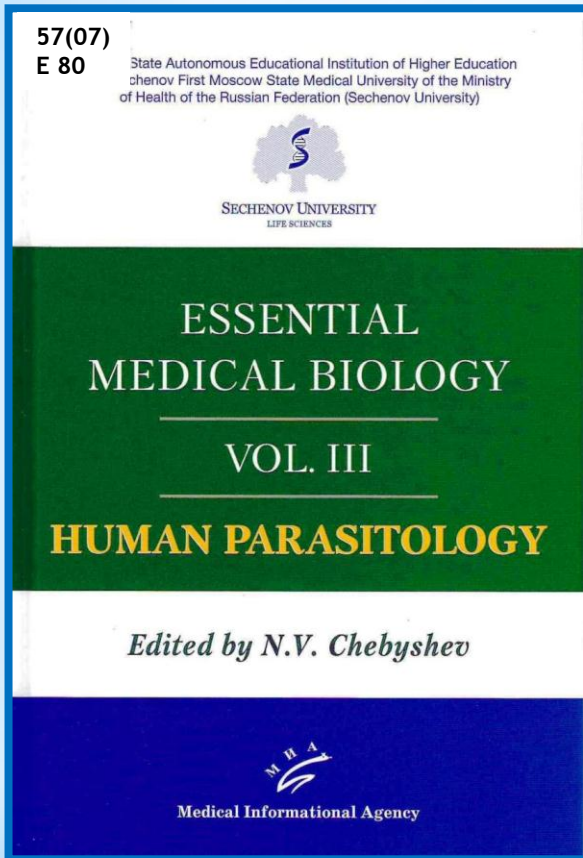
The manual includes all main parts of the course: general genetics, the fundamentals of molecular genetics, human genetics and medical genetics. The section dealing with general genetics gives consideration to the patterns of independent inheritance, allelic and non-allelic genes’ interaction, and the mechanisms of genetic linkage, sex determination and bridging sexual characters. In the section dealing with the study of hereditary information’s transfer and implementation molecular mechanisms, the processes of DNA-replication, transcription, processing, translation, regulation and expression of genes of pro- and eukaryote are considered. A special chapter deals with the mechanisms, genotypic variability and types of mutations. Moreover, the main methods of medical genetics are discussed in the textbook, as well as some hereditary diseases, including the ones of genes and chromosomes.

The material is presented in an easy-to-read way. There is a large number of original schemes, figures and tables in this textbook. Logic and wide coverage of material, based on the latest scientific achievements, are characteristic for it.

“Genetics” is a reflection of modern approach to the process of teaching medical students and can be recommended to foreigners studying the subject in English.

Essential Medical Biology : [textbook] / Ministry of Health, I.M. Sechenov First Moscow State Medical University (Sechenov University); ed. by N. V. Chebyshev. - Moscow : Medical Informational Agency, 2020.

- **Vol. 2 : Genetics : textbook / N. V. Chebyshev, S. N. Larina, E. S. Gorožhanina [et al.] ; ed. by N. V. Chebyshev. - 108 p. : il.**



The textbook “Human Parasitology” is a considerable summing up of all current information concerning medical parasitology.

It contains scientific facts about parasitism as a phenomenon, parasitic protozoa, helminths and arthropods — precursors of the most common human diseases.

The textbook provides information about morphology, physiology, biology, development and ecology of parasites, their relationship with hosts. It also gives consideration to various ways of transmission and distribution of parasitic diseases, as well as modern methods of laboratory diagnostics and infections’ prevention.

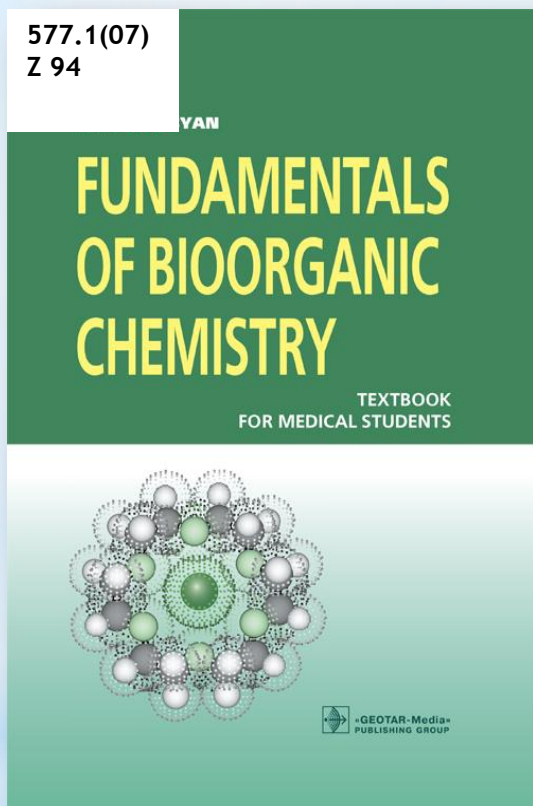
All sections of the manual have a plenty of illustrations: diagrams, tables, drawings and photographs of the parasites under study. At the end of each chapter you can find control questions for self-testing.

The publication is intended for foreign medical students, and teachers of biological profile. It may also be useful for attending physicians, postgraduates and doctors, interested in current issues and problems of parasitic diseases and modern methods of fighting them.

Essential Medical Biology : [textbook] / Ministry of Health, I.M. Sechenov First Moscow State Medical University (Sechenov University); ed. by N. V. Chebyshev. - Moscow : Medical Informational Agency, 2020.
• **Vol. 3 : Human Parasitology** : textbook / N. V. Chebyshev, I. A. Berechikidze, G. G. Grineva [et al.] ; ed. by N. V. Chebyshev. - 258 p. : il.

* BIOORGANIC CHEMISTRY

БИООРГАНИЧЕСКАЯ ХИМИЯ



The textbook is based on modern organic chemistry and considers the structure and chemical transformations of organic compounds, especially those that have biological importance. Special attention is given to the chemical reactions that have analogies in living systems. The book contains about 250 problems on all topics and solutions for them. This book conforms to the Federal educational program on Bioorganic Chemistry for medical schools and universities. It is meant for students who study Bioorganic Chemistry during one term. The book may also be useful for teachers and students of specialized secondary schools with instruction conducted in English and colleges, whose main interest is medicine, pharmacy, biology and agriculture.

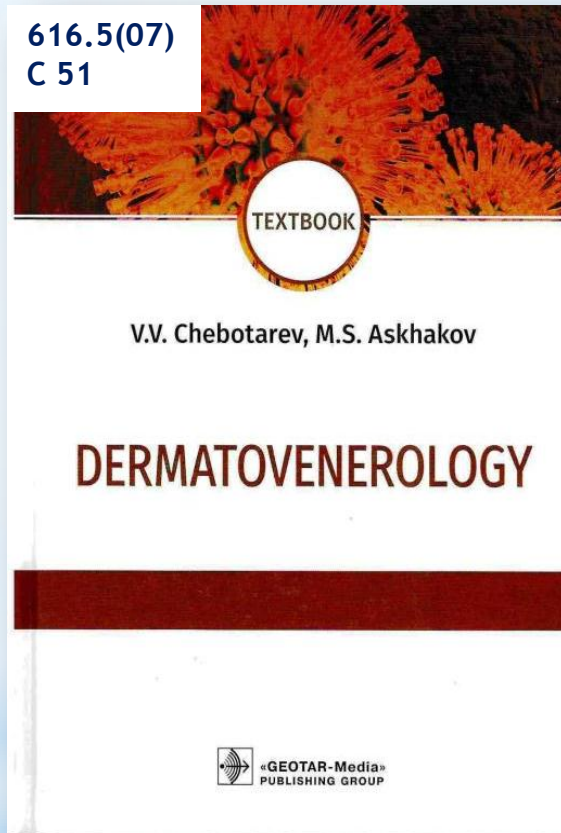
Zurabyan, S. E.

Fundamentals of bioorganic chemistry : textbook for medical students / S. E. Zurabyan. - M. : GEOTAR-Media, 2018. - 303 p. : il.

* ДЕРМАТОВЕНЕРОЛОГИЯ

DERMATOVENEROLOGY

ДЕРМАТОВЕНЕРОЛОГИЯ



This course book discloses a current state of all the main sections of dermatic and sexually transmitted diseases, as provided by the standard curriculum for students of medical higher educational institutions with a specialization in the disciplines 060101 “Medical care” and 060103 “Pediatrics” in the discipline “Dermatovenerology”.

The primary focus is devoted to the clinical picture of dermatic and sexually transmitted diseases in adults and children, their etiology, pathogenesis, modern methods of treatment and prophylactics. The course book is illustrated with color photos of patients from the resources of the subdepartment. It represents tasks to each chapter, crosswords, which summarize the materials of the chapters. This edition is aimed not only at reading the material but its reasoning, solving situational tasks, which contributes to the development of the clinical thinking.

The course book is dedicated for training the students of medical higher educational institutions of general medicine and pediatrics departments.

Chebotarev, Vyacheslav Vladimirovich.

Dermatovenerology : textbook / V. V. Chebotarev, M. S. Askhakov. - Moscow : GEOTAR-Media, 2020. - 627 с. : il.

HISTOLOGY

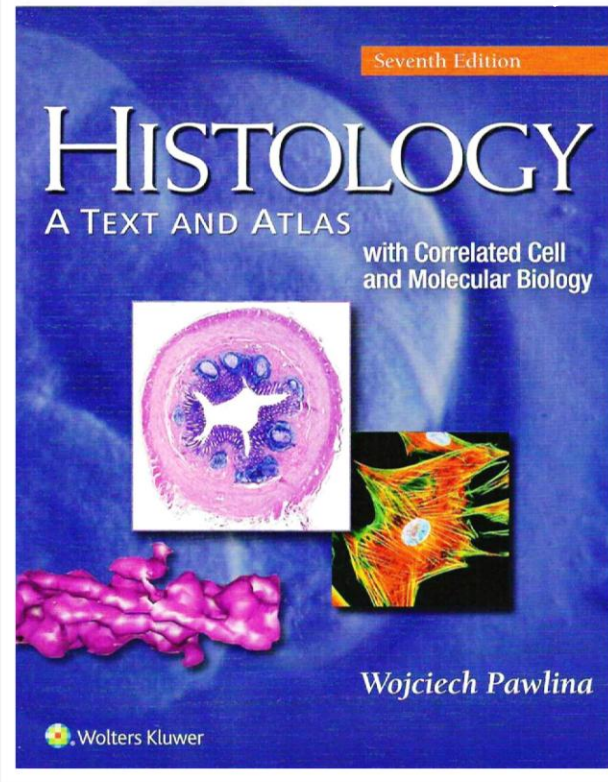
ГИСТОЛОГИЯ

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INTERNATIONAL EDITION

Authorized for sale in United States, Canada, Australia, New Zealand, Puerto Rico or the U.S. Virgin Islands

1 course
2 semester



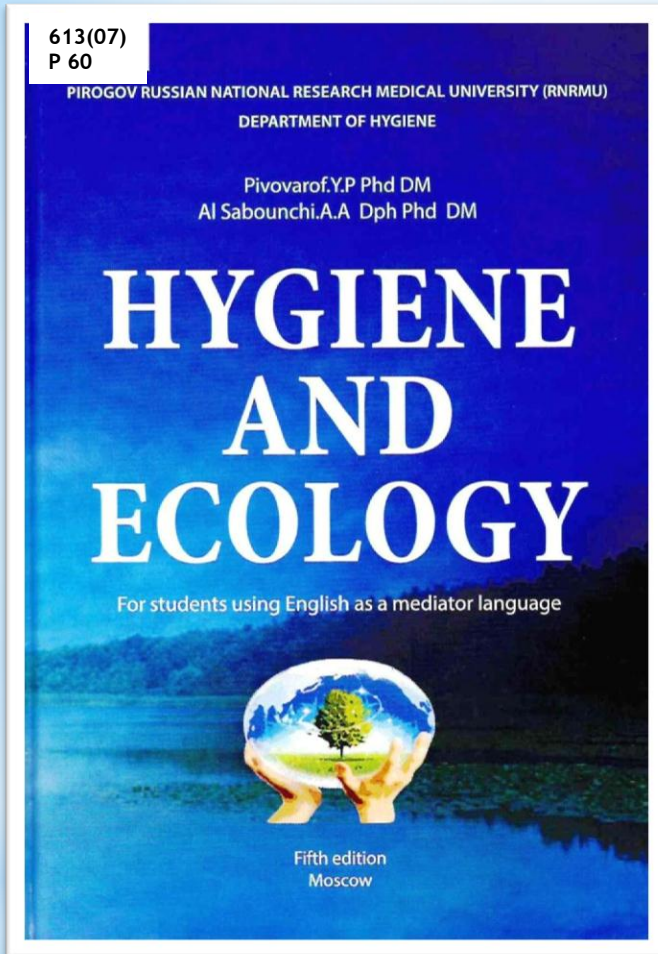
Histology: *A Text and Atlas* is ideal for medical, dental, health professions, and undergraduate biology and cell biology students. This best-selling combination text and atlas includes a detailed textbook, which emphasizes clinical and functional correlates of histology fully supplemented by vividly informative illustrations and photomicrographs. Separate, superbly illustrated atlas sections follow almost every chapter and feature large-size, full-color digital photomicrographs with labels and accompanied descriptions that highlight structural and functional details of cells, tissues, and organs.

Features and highlights of the seventh edition include:

- A consistent art program with all illustrations completely revised and redrawn.
- New Histology 101 sections that provide students with a reader-friendly review of essential information covered in the preceding chapters.
- Updated cellular and molecular biology coverage that reflects the latest advances in the field.
- More than 100 atlas plates that incorporate 435 full-color, high-resolution photomicrographs.
- Reader-friendly highlights including **red bold terms**, **blue clinical text**, and **folders** featuring clinical and functional correlations that increase student understanding and facilitate efficient study.
- Easy-to-understand tables that aid students in learning and reviewing information (such as staining techniques) without having to rely on rote memorization.
- Features of cells, tissues, and organs and their functions and locations are presented in easy-to-locate, easy-to-review bulleted lists.
- Additional clinical correlation and functional consideration folders have been added providing information related to symptoms, photomicrographs of diseased tissues or organs, short histopathological descriptions, and molecular basis for clinical intervention.

Ross, Michael H.

Histology : a Text and Atlas : With Correlated Cell and Molecular Biology / M. H. Ross, W. Pawlina. - 7th. ed., International ed. - Philadelphia [et al.] : Wolters Kluwer Health, 2016. - 984 p. : il.



Hygiene and preventive medicine

The branch of medical science concerned with the prevention of disease and with promotion of physical and mental health, through study of the etiology and epidemiology of disease processes.

The learned profession that is mastered by graduate training in a medical school and that is devoted to preventing or alleviating or curing diseases.

Environmental medicine is a multidisciplinary field involving medicine, environmental science, is concerned with the interaction between mankind and the environment, is overlapping with environmental pathology.

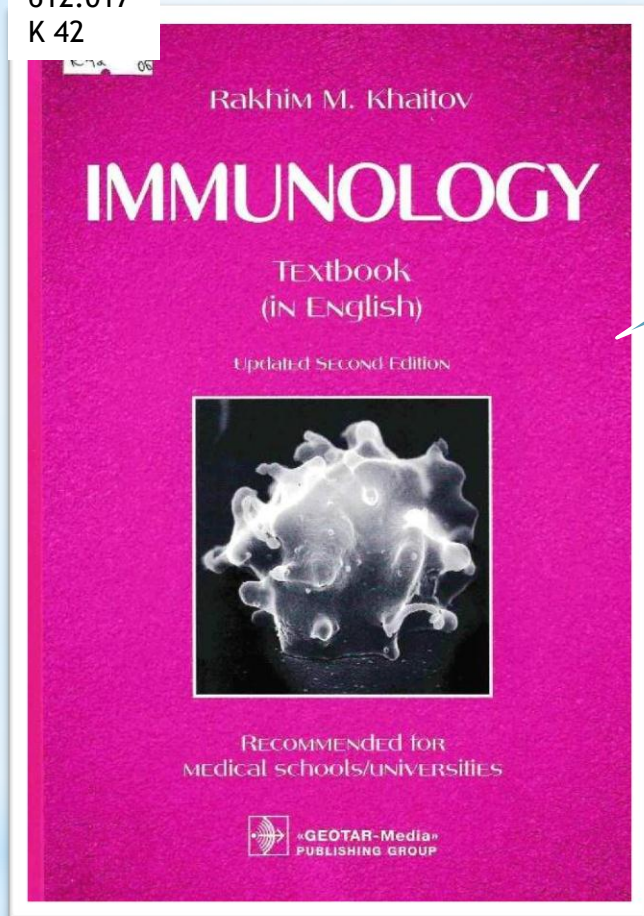
I am sure that this book needed to our students from Asia, Africa and Latin America to better understand the basic tasks that stand in front of Preventive Medicine and the ways of solving the ecological and hygienic problems, to improve the health of the populations in their countries.

Professor Al Sabounchi A.A.

Pivovarov, Yuri Petrovich.

Short textbook of : Hygiene and ecology : for students using English as a mediator language / Y. P. Pivovarov, A. A. Al Sabounchi ; Pirogov Russian National Research Medical University, Department of hygiene. - 5th. ed. - M. : IKAR Publisher, 2015. - 546 p. : il.

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2 course
4 semester



Rakhim M. Khaitov, Ph.D., M.D., Professor, Academician of the Russian Academy of Sciences, Scientific Head of National Research Center "Institute of Immunology" of Federal Medical Biological Agency of Russia, Head of Immunology and Allergology Chair in A.I. Evdokimov Moscow

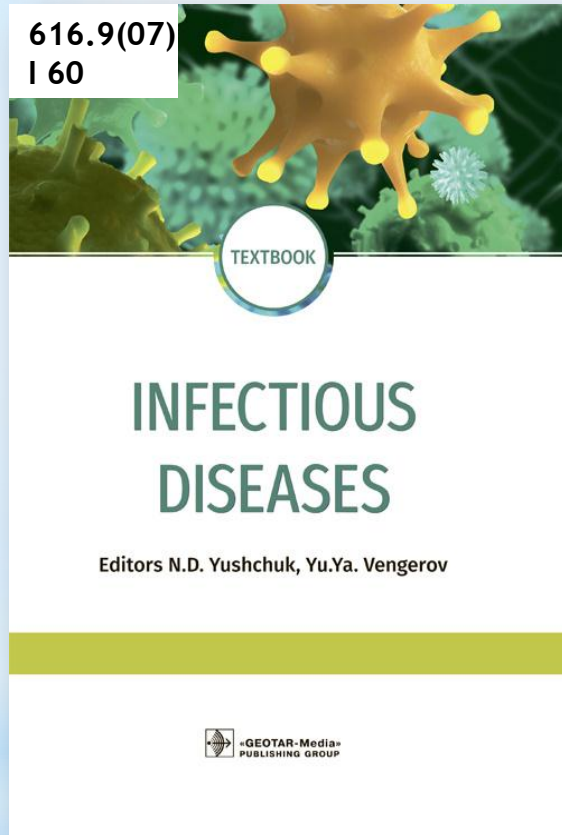
State Medical Stomatological University, President of the Russian Association of Allergology and Clinical Immunology (RAACI), Editor-in-Chief of the journals "Immunology" (Rus) and "Physiology and Pathology of Immune System. Immunopharmacogenomics" (Rus), Honored Worker of Science of the Russian Federation, Laureate of State Prizes and Government Prizes of Russia, awarded Russian and foreign orders and medals, including the order "For Merit to the Fatherland" III and IV degrees.

Khaitov, Rakhim M.

Immunology : textbook for medical schools/universities : in english / R. M. Khaitov. - 2th. ed., updated. - M. : GEOTAR-Media, 2019. - 263 p. : il.

* INFECTIOUS DISEASES

ИНФЕКЦИОННЫЕ ЗАБОЛЕВАНИЯ



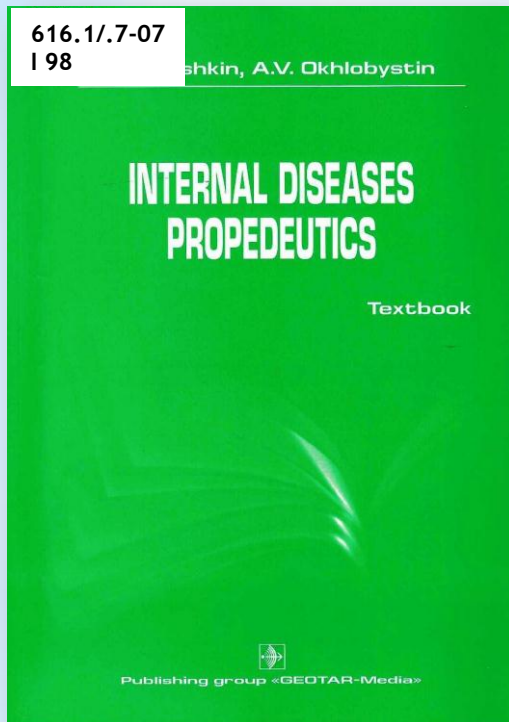
This edition of the textbook is significantly updated and revised following the changes in the structure of incidence of different nosological entities of infectious diseases and their economic significance, with new achievements in infectology and changes in educational program.

The textbook is intended for the students of general and preventive medicine faculties. It can also be used for studying tropical medicine and post-graduate training of the doctors in the specialty «Infectious Diseases».

Infectious diseases : textbook / G. K. Alikeeva, Yu. Ya. Vengerov, I. V. Gagarina [et al.] ; ed. by N. D. Yushchuk, Yu. Ya. Vengerov. - Moscow : GEOTAR-Media, 2020. - 462 p. : il.

* INTERNAL DISEASES

ВНУТРЕННИЕ БОЛЕЗНИ



As a foundation to a successful career in clinical medicine every physician needs to be able to establish a good rapport with the patient, accurately record all presenting symptoms and signs, and finally make an accurate diagnosis.

«Internal diseases propedeutics» offers a thorough grounding in the principles of the physical examination and provides a detailed account of the symptoms and signs of diseases affecting the body systems. This textbook includes chapters on diagnosis of pulmonary, cardiovascular, digestive, genitourinary, nutritional, endocrine disorders and diseases of blood. The book covers both basic clinical skills, and high technology investigations and interventions that are utilised today by the physician.

The «Internal diseases propedeutics» ensures that it will remain an invaluable source of information for all medical students and junior doctors of all specialities in their early years of clinical practice.

Ivashkin, V. T.

Internal diseases propedeutics : textbook : for foreign students of Medical Higher Educational Institutions / V. T. Ivashkin, A. V. Okhlobystin. - M. : GEOTAR-Media, 2019. - 176 p. : il.

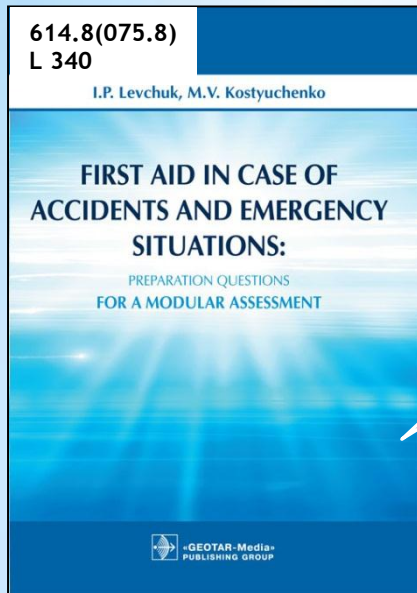
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Too. - 2016. - Text : electronic // EBS "Student Consultant". - URL : <https://www.studentlibrary.ru/book/ISBN9785970436011.html>



LIFE SAFETY

БЕЗОПАСНОСТЬ ЖИЗНЕДЕЯТЕЛЬНОСТИ



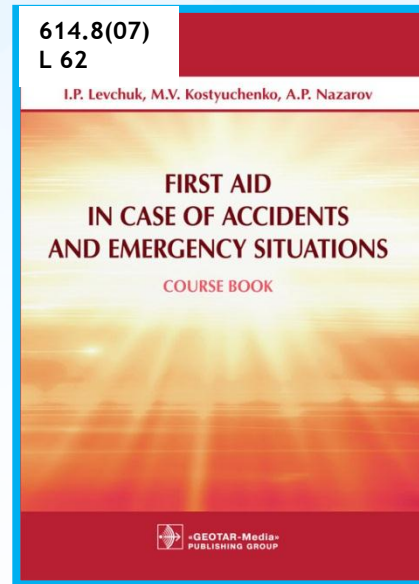
2 course

Levchuk, I. P.

First aid in case of accidents and emergency situations : preparation questions for a modular assessment / I. P. Levchuk, M. V. Kostyuchenko. - M. : GEOTAR-Media, 2015. - 28 p.

also an electronic text in:

Too. - 2016. - Text : electronic // EBS "Student Consultant". - URL : <https://www.studentlibrary.ru/book/ISBN9785970434505.html>



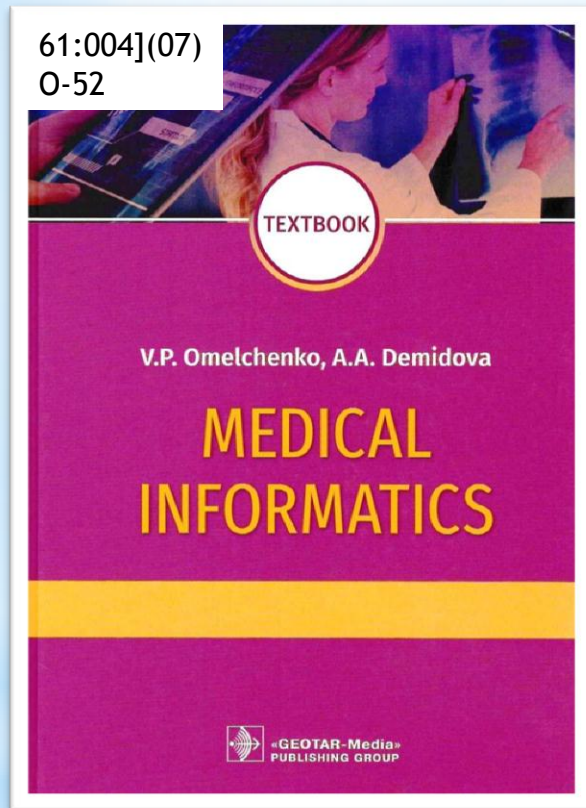
Levchuk, I. P.

First Aid in Case of Accidents and Emergency Situations : course book / I. P. Levchuk, M. V. Kostyuchenko, A. P. Nazarov. - M. : GEOTAR-Media, 2017. - 116 p. : il.

Course book highlights nine principle topics of the module "First Aid" as a part of the subject "Health and Safety, Disaster Medicine" and contains key questions for each part as well as provisional tests for the students' self-check. This course book can be helpful for the students taught by means of e-educational systems (including distant learning). The course book is designed for the tertiary medical students taught in English as well as for the foreign students attending classes as a part of the Russian-speaking groups. Besides it can be used as complementary reading by the University students, secondary medical schools students and medical-college students learning English

* MEDICAL INFORMATICS

МЕДИЦИНСКАЯ ИНФОРМАТИКА



The textbook outlines the main issues of medical informatics. Information on modern technologies used in medicine and health care is given. The principles of storage, retrieval, processing and effective use of medical information, data and knowledge to solve problems and make decisions using computer technology are described.

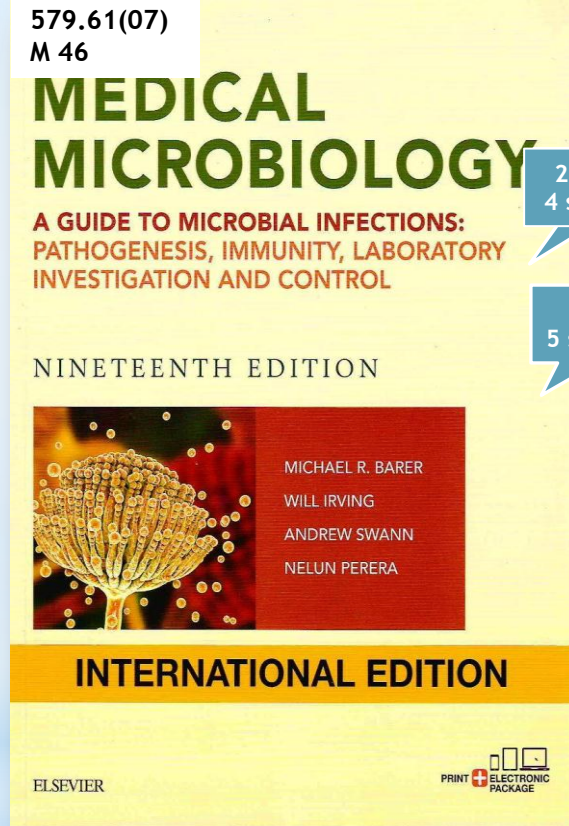
The content of the textbook complies with the new federal state educational standards for the study of the discipline «Medical Informatics» in medical universities at the Medical and Preventive Faculty, Paediatric, Pharmaceutical, Dental Faculties as well as the discipline «Informatics. Medical Informatics. Statistics» at the public health faculty.

Omelchenko, V. P.

Medical informatics : textbook / V. P. Omelchenko, A. A. Demidova. - Moscow : GEOTAR-Media, 2020. - 479 p. : il.

* MICROBIOLOGY

МИКРОБИОЛОГИЯ



2 course
4 semester

3 year
5 semester

Medical microbiology concerns the nature, distribution and activities of microbes and their impact on health and wellbeing. In spite of the introduction of many antimicrobial agents and immunisations, we continue to face major challenges in combatting infection, not least the gathering crisis in antimicrobial resistance.

Now in a fully revised and updated nineteenth edition, *Medical Microbiology* provides comprehensive coverage of infection from the microbial perspective, combining a **clear introduction to key principles** with a focus **explicitly geared to modern clinical practice**. It provides ideal coverage for medical and biomedical students—with 'Key Points' boxes throughout to highlight the essentials—and sufficient detail to also inform specialists in training.

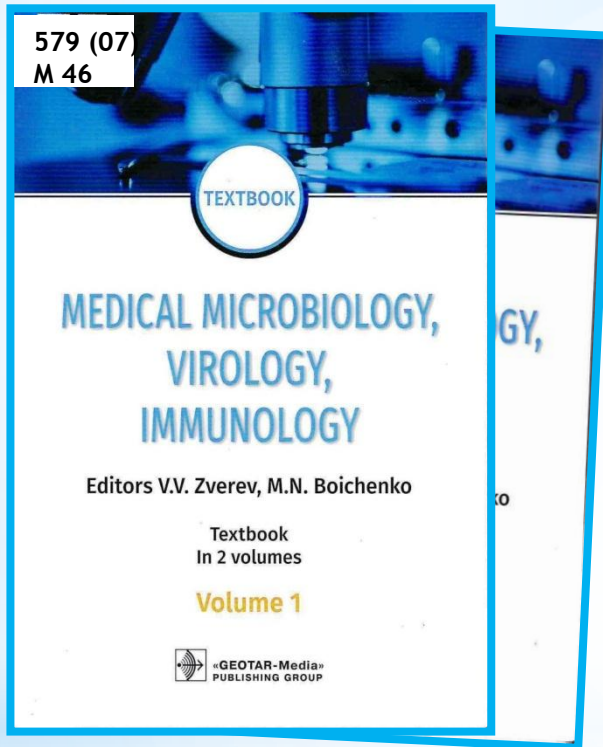
Building on the success of previous editions, updates in *Medical Microbiology*, nineteenth edition include:

- New and expanded coverage of **hot topics and emerging areas** important to clinical practice, including:
 - Genomics
 - The human microbiome
 - Direct-acting antiviral agents for the treatment of HCV infection
 - Molecular methods in diagnostic microbiology
 - Antibiotic stewardship
- **BONUS electronic materials** to enhance your learning, including:
 - Clinical cases—to introduce how patients with infections present and help relate key principles to practice
 - MCQs for each chapter—to check understanding and aid exam preparation

Medical Microbiology. A guide to microbial infections : pathogenesis, immunity, laboratory investigation and control / ed. by M. R. Barer [et al.]. - 19th. ed., International ed. - [S. l.] : Elsevier Ltd., 2019. - 743 p. : il.

* MICROBIOLOGY

МИКРОБИОЛОГИЯ



This publication has been prepared by staff members of Microbiology, Virology and Immunology Departments of I.M. Sechenov First Moscow State Medical University, Pirogov Russian National Research Medical University, A.I. Yevdokimov Moscow State University of Medicine and Dentistry, Pavlov First Saint Petersburg State Medical University, S.M. Kirov Military Medical Academy, State Medical Universities of Omsk, Orenburg, Chelyabinsk.

The textbook is comprised of two volumes, which include 19 chapters, sequentially introducing the issues of general and special microbiology, virology, and immunology. The material presented in both volumes is significantly revised according to the modern science trends and supplemented by illustrations, tables and figures. The textbook is composed in compliance with the approved official educational program, and is recommended for the students of the departments of General Medicine, Pediatrics and Preventive Medicine.

- Medical microbiology, Virology, Immunology : textbook : in 2 volumes / V. V. Zverev, M. N. Boichenko, A. S. Bykov [et al.] ; ed. by V. V. Zverev, M. N. Boichenko. - Moscow : GEOTAR-Media, 2020.**
- Vol. 1. - 2020. - 374 p. : il.
 - Vol. 2. - 2020. - 390 p. : il.

* OBSTETRICS

АКУШЕРСТВО

618.2/.7(07)
O-17

OBSTETRICS

TEXTBOOK

Edited by
V.E. Radzinskiy, A.M. Fuks, Ch.G. Gagaev



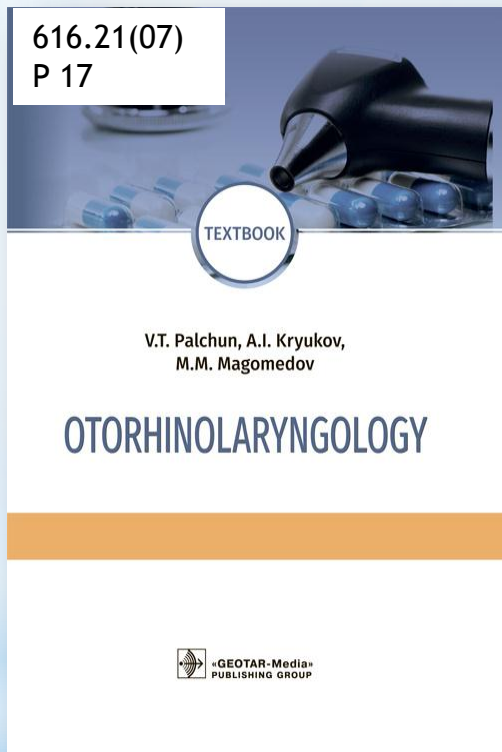
The present textbook was developed in accordance with the Federal Educational Standard of the Russian Federation and syllabi for the course of Obstetrics in the USA and Great Britain. This textbook differs from its counterparts by its integrated approach to the contemporary knowledge system in obstetrics and perinatology. The textbook can be of use to international students studying in Russia as well as Russian students who plan to have their diplomas recognized abroad and to seek employment overseas. The structure of the textbook, presentation of material, recourse to the international classification of disease, the illustrative material, several stages of self-check tasks at the end of each section — all these features provide for a better assimilation of the material, give insight into the advantages of the training system in this country and, at the same time, preparation for certification abroad.

The textbook is intended for medical students, resident medical practitioners, obstetrician-gynecologists and general practitioners.

Obstetrics : textbook / A. Abramov [et al.] ; ed. by V. E. Radzinskiy, A. M. Fuks, Ch. G. Gagaev. - M. : GEOTAR-Media, 2019. - 876 p.

* ОТОРХИНОЛАРИНГОЛОГИЯ

OTORHINOLARYNGOLOGY



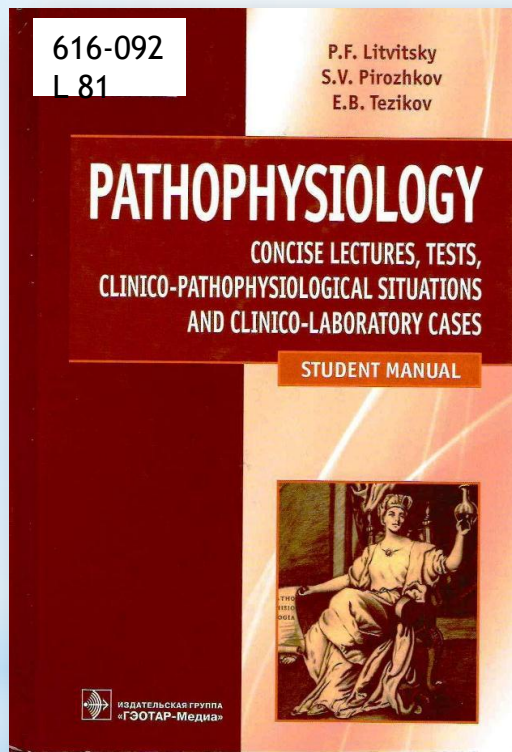
The textbook provides a brief introduction to the fundamental basics of etiology, pathogenesis, diagnosis and treatment of upper respiratory tract and ear diseases, as well as the latest scientific and practical information in this field. Updated materials on endonasal microendoscopic diagnostics and surgery are included. Modern rationale for methods of choice in diagnostics and treatment of the main ENT organ diseases are presented, generalizing data on the use of drugs is given. Becoming more common lesions of ENT organs in HIV infection, Wegener's disease, tuberculosis, sexually transmitted diseases and etc. are described. The issues of urgent conditions in the specialty are covered. The textbook is intended for students of medical universities, interns, residents, postgraduates.

Palchun, Vladimir Timofeevich.

Otorhinolaryngology : textbook / V. T. Palchun, A. I. Kryukov, M. M. Magomedov. - Moscow : GEOTAR-Media, 2020. - 554 p. : il.

* PATHOPHYSIOLOGY

ПАТОФИЗИОЛОГИЯ



The textbook for students, studying the basic course of pathophysiology in English, is organized according to the module principle and contains summary of lectures on the specific module's topic, tests, clinico-pathophysiological and clinico-laboratory cases for training and control of knowledge, algorithms of solution of the typical problems, and also questions to prepare for classes, colloquia and final examination on pathophysiology.

The edition contains the discussions of the subject matter of pathophysiology; its aims, issues, methods, and constituent parts. It summarizes the main concepts of general nosology, etiology and pathogenesis. In a concise format or in a form of schemes, it considers the causes, mechanisms of development, adaptive reactions, manifestations and outcome of the typical pathologic processes and typical forms of pathology of organs and physiological systems, including separate syndromes and nosologic units.

Each topic of the pathophysiology course is supplied by a set of clinical case problems, tests for self-control by students, algorithms of solutions of the selected problems, and correct answers for the tests.

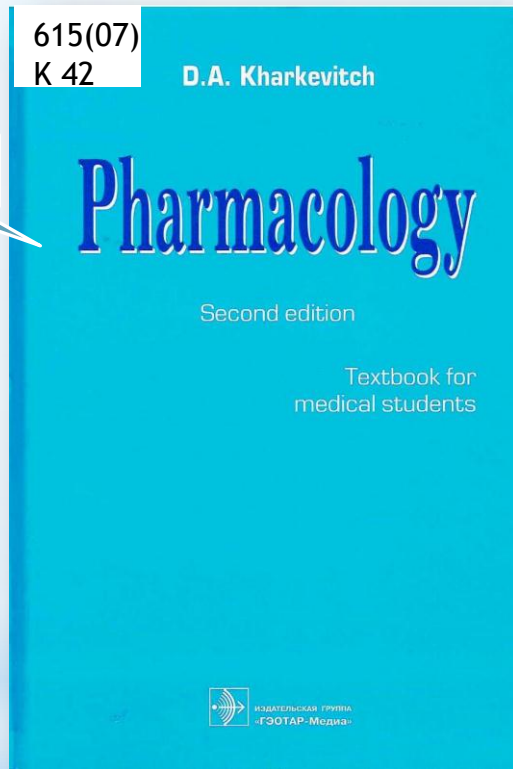
This textbook is prepared for students and teachers of the English-speaking Division of the Department of Pathophysiology.

Litvitsky, P. F.

Pathophysiology : concise lectures, tests, clinico-pathophysiological situations and clinico-laboratory cases / P. F. Litvitsky, S. V. Pirozhkov, T. V. Tezikov. - M. : GEOTAR-Media, 2016. - 432 c. : il.

* PHARMACOLOGY

ФАРМАКОЛОГИЯ



This tutorial guide was prepared by lead experts in the field of physical therapy in accordance with the new program for students (trainees) of medical universities (Medical Rehabilitation, section Therapeutic Physical Culture). It takes into account modern achievements of medical science, which have led to a change in views on the methodology of rehabilitation treatment. Clinical and physiological substantiation of the use of therapeutic physical culture in complex therapy of patients and persons with disabilities is presented in sufficient details. The book is based on the modern principles of prescribing various means of physical therapy using motor mode, massage, manual and psychotherapy, occupational therapy, hippotherapy, kinesiotherapy, etc. The methods that are most widely used in various diseases and injuries of the central and peripheral nervous, cardiovascular and musculoskeletal systems, respiratory organs, metabolism, and other metabolic diseases are widely covered and presented in the rehabilitation programs. Each chapter includes clinical symptoms and diagnosis of the underlying disease (damage), which enables to customize the rehabilitation programs.

The tutorial guide is perfectly illustrated, contains a large number of diagrams and tables, some sections provide complexes or a list of special physical exercises.

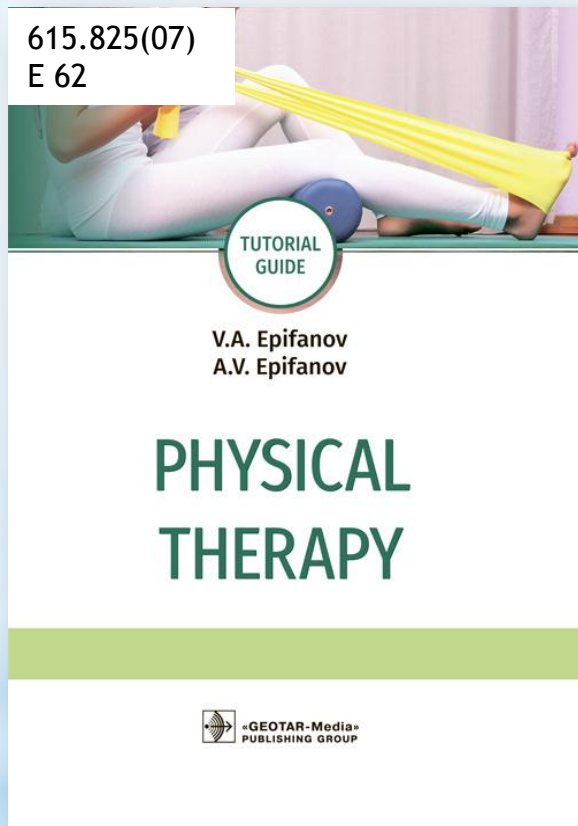
The edition is intended for students of medical universities studying in the specialties of General Medicine and Pediatrics in the discipline of Medical Rehabilitation, trainees of postgraduate education departments, interns, clinical residents, graduate students, and will also be useful for specialists working in practical healthcare.

Kharkevitch, Dmitry Aleksandrovich.

Pharmacology : textbook for medical students / D. A. Kharkevitch. - 2 th. ed., translation of 12th edition of Russian textbook "Pharmacology" (2017). - M. : GEOTAR-Media, 2019. - 676 p. : il.

* PHYSICAL THERAPY

ФИЗИОТЕРАПИЯ



This tutorial guide was prepared by lead experts in the field of physical therapy in accordance with the new program for students (trainees) of medical universities (Medical Rehabilitation, section Therapeutic Physical Culture). It takes into account modern achievements of medical science, which have led to a change in views on the methodology of rehabilitation treatment. Clinical and physiological substantiation of the use of therapeutic physical culture in complex therapy of patients and persons with disabilities is presented in sufficient details. The book is based on the modern principles of prescribing various means of physical therapy using motor mode, massage, manual and psychotherapy, occupational therapy, hippotherapy, kinesiotherapy, etc. The methods that are most widely used in various diseases and injuries of the central and peripheral nervous, cardiovascular and musculoskeletal systems, respiratory organs, metabolism, and other metabolic diseases are widely covered and presented in the rehabilitation programs. Each chapter includes clinical symptoms and diagnosis of the underlying disease (damage), which enables to customize the rehabilitation programs.

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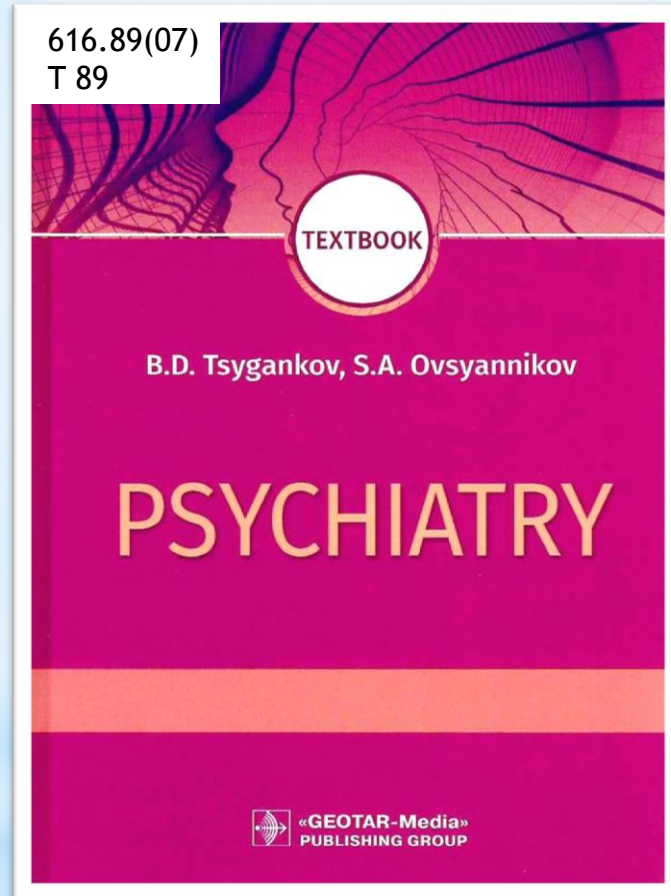
The edition is intended for students of medical universities studying in the specialties of General Medicine and Pediatrics in the discipline of Medical Rehabilitation, trainees of postgraduate education departments, interns, clinical residents, graduate students, and will also be useful for specialists working in practical healthcare.

Epifanov, Vitaliy Aleksandrovich.

Physical therapy : tutorial guide / V. A. Epifanov, A. V. Epifanov. - Moscow : GEOTAR-Media, 2020. - 568 p. : il.

* PSYCHIATRY

ПСИХИАТРИЯ



The textbook meets the requirements of the valid State Federal Educational Standard and Psychiatry Curriculum. The textbook contains information on works of outstanding psychiatrists, scientists who not only have identified the basic psychopathological symptoms and syndromes but separated out individual nosological forms of psychoses.

In the section dedicated to general psychopathology, descriptive psychopathology in evolutionary forming categorical apparatus of the semiotics of mental diseases is expounded. In the section dedicated to specific psychiatry, the authors consequently prove significance of clarity of mental diseases basic definitions with analysis of systematization of the psychoses and taking in account of the dichotomy nosology—symptomatology and content of ICD-10.

It has given the especial matter to the diagnostic and treatment of schizophrenia. Borderline mental disorders (neuroses, posttraumatic stress disorder, psychopathies) are described.

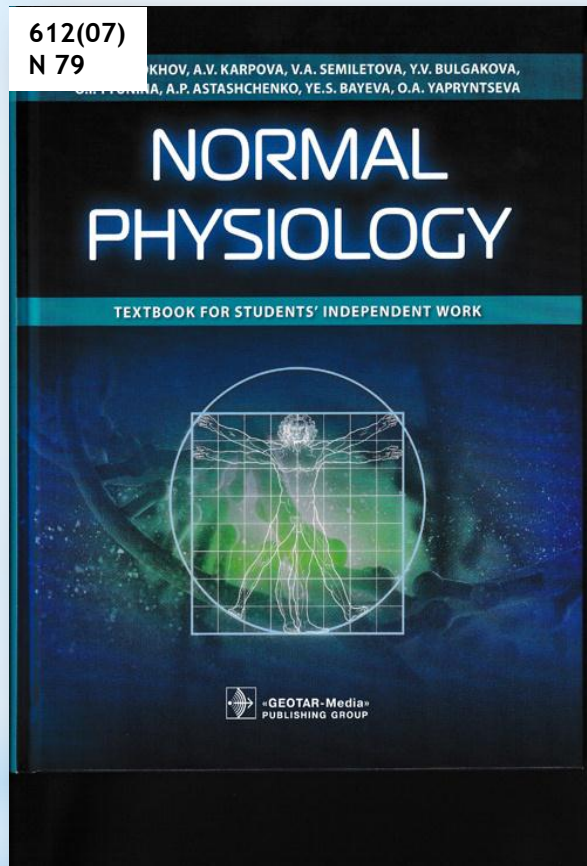
The textbook is intended for students of medical institutions of higher education.

Tsygankov, Boris Dmitrievich.

Psychiatry : textbook / B. D. Tsygankov, S. A. Ovsyannikov. - Moscow : GEOTAR-Media, 2020. - 455 p.

* PHYSIOLOGY

ФИЗИОЛОГИЯ



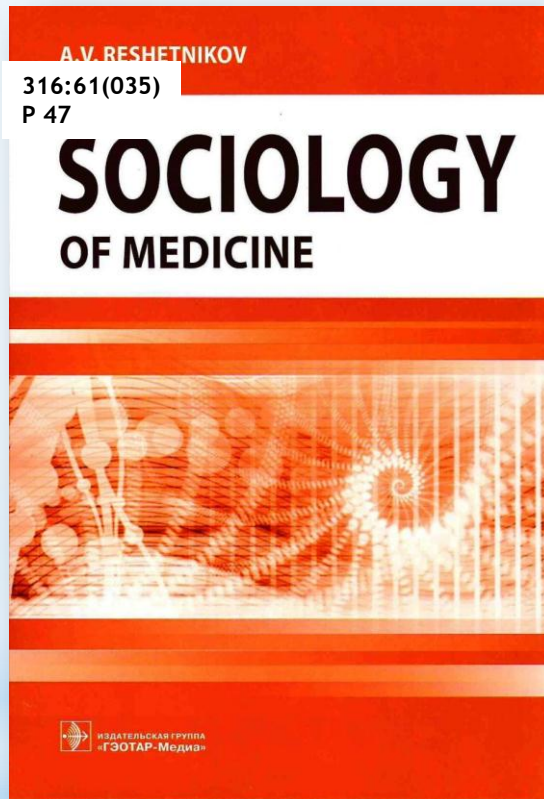
The textbook is designed to improve the efficiency of students' independent work in training for practical and final classes in extracurricular time. It contains theoretical material, arranged in a logical structure, revealing the most important mechanisms and regulations of physiological processes, as well as profile material for students of General Medicine faculty. The textbook includes control questions, situational tasks and keys to them.

It is intended for students studying in the training area of 31.05.01 'General Medicine', a course of Normal physiology. It can also be useful for doctors interested in the physiological basis of their specialty.

Normal physiology : textbook for students' independent work / Ye. V. Dorokhov, A. V. Karpova, V. A. Semiletova [et al.]. - Moscow : GEOTAR-Media, 2021. - 510 p. : il.

* SOCIOLOGY OF MEDICINE

СОЦИОЛОГИЯ МЕДИЦИНЫ



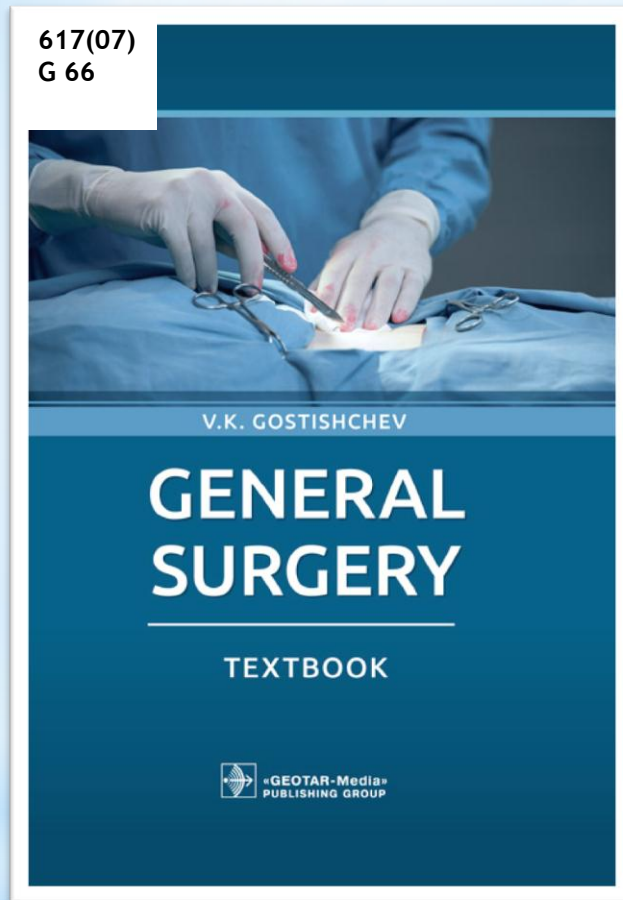
This issue is the second enlarged edition of the textbook 'Sociology of Medicine' by Academician of Russian Academy of Medical Sciences, Social Science Doctor, Doctor of Medicine, and Professor A.V. Reshetnikov. This manual analyzes the evolution, the place and future development of sociology of medicine in the system of modern scientific knowledge and in the practice of social systems functioning. The textbook sets out systematic knowledge on the most important topics and areas of sociology of medicine which give an idea of the continuity of the formation of medical and sociological concepts, theories, and medicine and health care models, patterns of formulation of medical and sociological problems and research in these fields, scientific instruments, rules of evaluation of scientific and practical activities in the health care system. For health care managers, sociologists, students of medical and sociological faculties, graduate students, teachers and experts in the field of sociology of medicine.

Reshetnikov, A. V.

Sociology of Medicine : textbook / A. V. Reshetnikov. - Moscow : GEOTAR-Media, 2016. - 360 p.

* SURGERY

ХИРУРГИЯ



The textbook deals with general issues of surgery (aseptics and antiseptics, haemorrhage, and principle blood transfusion, fundamentals of resuscitation and pain treatment, specifics of work-up surgical patient, and surgical operation); the textbook elucidates the pathological processes underlying surgical diseases (traumas, pyoinflammatory diseases, tumors, parasitogenic surgical diseases, and maldevelopments requiring surgical treatment). Each chapter is complemented with control questions and tasks.

The textbook is intended for students and teachers at medical higher educational institutions. It will be also useful for junior surgeons, medical residents, postgraduates and doctors.

Gostishchev, Victor Kuzmich.

General surgery : textbook / V. K. Gostishchev. - Moscow : GEOTAR-Media, 2021. - 799 p.

3 course

The lecture material is presented from the standpoint of modern evidence-based medicine, modern achievements of science are reflected. A large number of illustrations will help in the study of the material.

Selected lectures on general surgery in english : electronic study guide for international students: [in 3 parts] / S. V. Korulin, S. P. Cherenkov, V. V. Dubravina [et al.] ; Ivanovo State Medical Academy, Department of General Surgery, Anesthesiology and Intensive Care. - Ivanovo : IvGMA, 2021.

ФГБОУ ВО ИГМА МИНЗДРАВА РОССИИ
КАФЕДРА ОБЩЕЙ ХИРУРГИИ, АНЕСТЕЗИОЛОГИИ И РЕАНИМАТОЛОГИИ

SELECTED LECTURES ON GENERAL SURGERY IN ENGLISH. PART 1.

ИЗБРАННЫЕ ЛЕКЦИИ ПО ОБЩЕЙ ХИРУРГИИ НА АНГЛИЙСКОМ ЯЗЫКЕ. ЧАСТЬ 1.

Электронное учебное пособие для иностранных студентов



Иваново 2021

Авторы:
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к.фил.н., доцент Зарубина Н.Е.,
Афанасьева И.В.

Part 1. - 287 p. : il. - Text : electronic // IvGMA Electronic Library. - URL: [ИРБИС64+ Электронная библиотека](#)

[\(ivanovo.ru\)](#)

asepsis -- antiseptics -- hemorrhages -- bone fractures -- joints dislocations -- head injuries closed -- abdominal injuries -- chest injuries

Part 2. - 321 p. : il. - Text : electronic // IvGMA Electronic Library. - URL: [ИРБИС64+ Электронная библиотека](#)

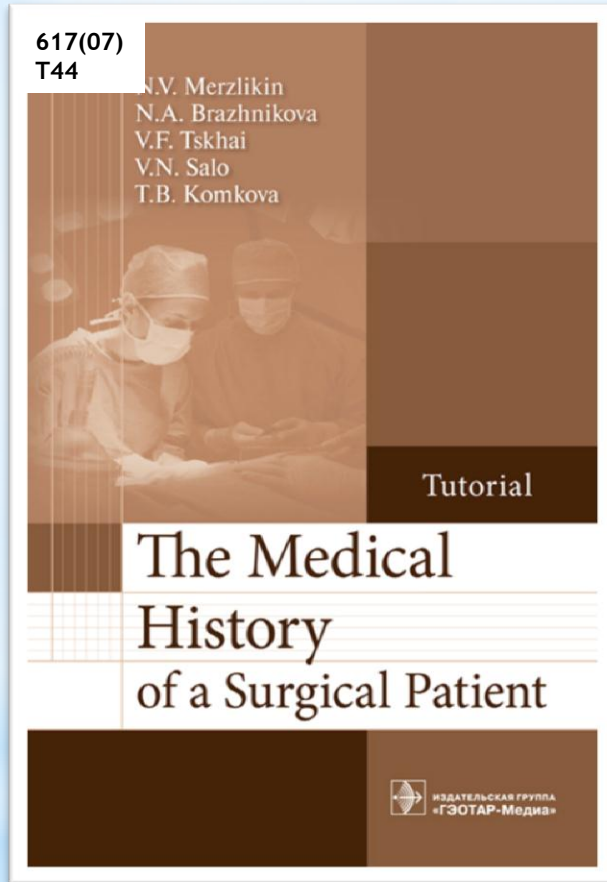
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wounds -- purulent surgical infection -- osteomyelitis -- tuberculosis of bones and joints -- tetanus -- burns -- frostbite -- electrical trauma -- disorders of regional blood circulation

Part 3. - 337 p. : il. - Text : electronic // IvGMA Electronic Library. - URL: [ИРБИС64+ Электронная библиотека](#)

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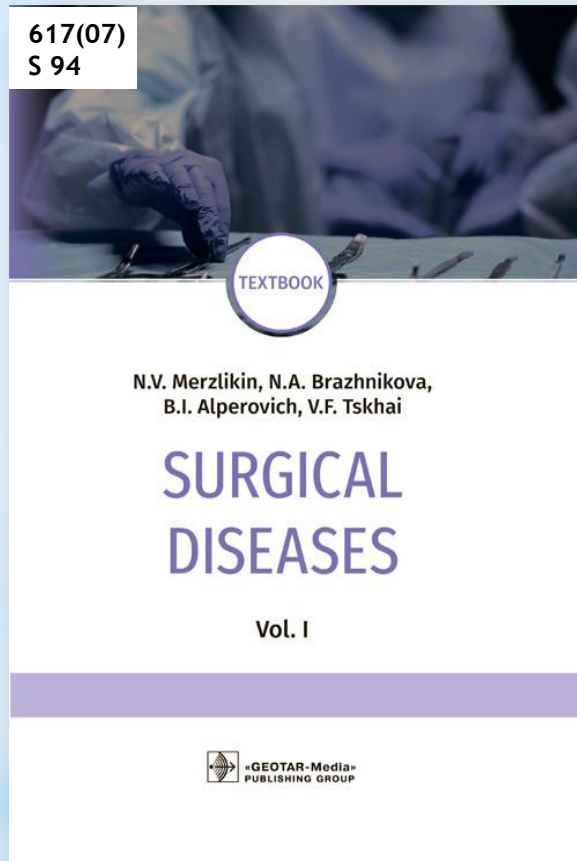
transfusiology -- examination of a surgical patient -- preoperative period -- postoperative period -- intensive therapy of critical conditions -- cardiopulmonary resuscitation -- anesthesiology



This tutorial aims to formalize a standardized approach to the design of the medical history of a surgical patient. It gives detailed recommendations for the proper anamnesis collection, description of objective status, diagnosis and its substantiation, and differential diagnosis. It describes the order of documents registration for preparing and performing surgical intervention and anesthesia. It pays particular attention to the correct interpretation of the follow-up examination results. The appendices contain reference ranges for laboratory tests, a short version of the International Classification of Diseases, interpretation of indicators of blood and urine tests on automatic analyzers, the new nomenclature of standard and surgical diets, recommendations for the prevention of infectious and thromboembolic complications, and registered forms of medical records.

The tutorial is designed in accordance with the Federal State Educational Standard of higher professional education for students pursuing a degree in General Medicine, Pediatrics, Dentistry.

The Medical History of a Surgical Patient : tutorial / N. V. Merzlikin [et al.]. - М. : GEOTAR-Media, 2018. - 118 p.

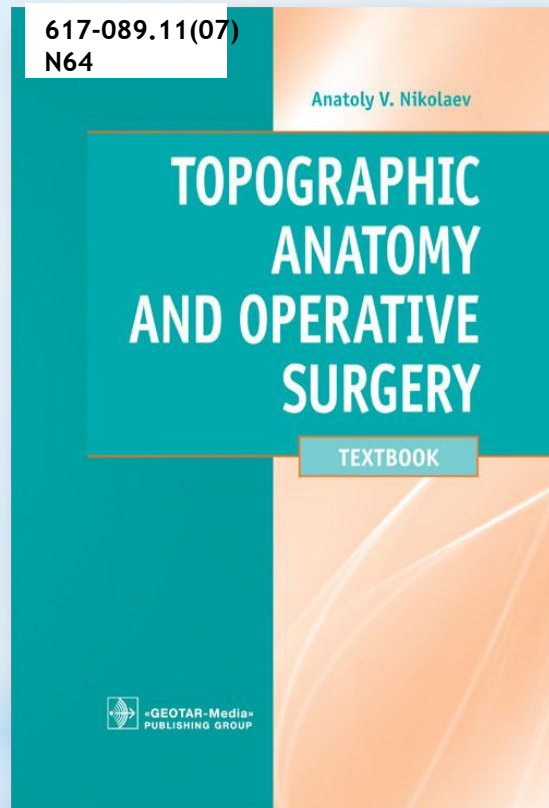


The authors, a team of professors with 45 years of experience in teaching surgical diseases at the medical university, systematize and summarize a vast amount of information on the main sections of clinical surgery. They rely on the latest advances in Russian and foreign surgery and focus on the use of cutting-edge clinical and instrumental research techniques and operative treatment methods. A large number of photographs and radiographs focus the readers attention on essential features of the diseases under discussion.

This textbook is written in accordance with the current official syllabus for the subject of Surgical Diseases for senior students of General Medicine departments.

Surgical diseases : textbook : in 2 volumes / N. V. Merzlikin, N. A. Brazhnikova, B. I. Alperovich, V. F. Tskhai. - Moscow : GEOTAR-Media, 2021.

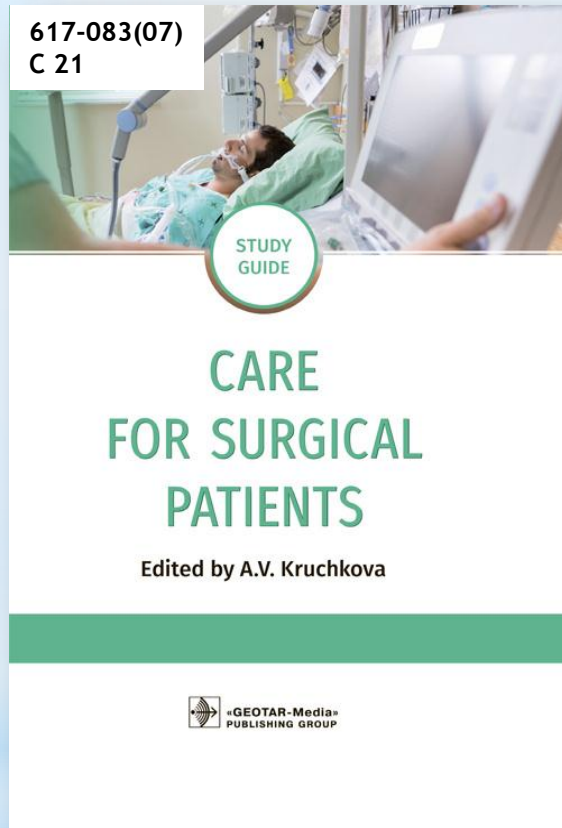
• **Vol. 1. - 2021. - 359 p. : il.**



The textbook provides topographic descriptions of organs and tissues in the regions of the human body strictly to the layer-by-layer principle and applies the terms from the latest official international anatomic nomenclature (AN, Rome, 1999) both in English and in Latin. It also lays out the most widespread surgical operations. This edition includes cases and tests for self-assessment as well as over 400 figures, both original and modified from other manuals. The revised and improved textbook is designed for the third-fourth year English-speaking medical students.

Nikolaev, Anatoly Vitalievich.

Topographic Anatomy and Operative Surgery : textbook / A. V. Nikolaev. - Moscow : GEOTAR-Media, 2019. - 671 p. : il.



This study guide reflects the main issues of care for surgical patients, peculiarities, and technics of various medical manipulations. It also refers to the problems of surgical department organization, surgical infection, aseptics and antiseptics, preoperative assessment and care for patients at postsurgical period, hygiene of nutrition, and principal provisions of medical deontology. This edition includes a questionnaire for test control and self-check of the student's knowledge. The book is addressed to medical students and nursing staff.

Care for surgical patients : study guide / A. V. Kruchkova, Yu. V. Kondusova, I. A. Poletayeva [et al.] ; ed. by A. V. Kruchkova. - Moscow : GEOTAR-Media, 2020. - 138 p. : il.

* THERAPY

ТЕРАПИЯ

616.1/.9-083(07)
0-85



TUTORIAL

V.N. Osloпов, O.V. Bogoyavlenskaya

GENERAL CARE OF A PATIENT

ИЗДАТЕЛЬСКАЯ ГРУППА
«ГЭОТАР-Медиа»

Tutorial is compiled in accordance with the State Federal Educational Standard of Higher Education in 31.05.01 "General Medicine" speciality, the standard and working programs for the "General care" discipline. This tutorial highlights in details the content of unites, describes practical skills in a clear sequence of actions at the patient?s bedside. The tutorial is intended for foreign students of medical higher education institutions.

Osloпов, Vladimir Nikolaevich.

General care of a patient : tutorial / V. N. Osloпов, O. V. Bogoyavlenskaya. - Moscow : GEOTAR-Media, 2019.
- 206 p. : il.

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Bibliographic
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2021