

Modern emergency care is a service with the latest medical equipment and highly qualified specialists who are constantly improving in their profession. Proceeding from this, the staff of the Scientific Medical Library of the N.V. Sklifosovsky Research Institute for Emergency Medicine considers it necessary to inform the readers of the Journal not only about monographs and manuals that have been published recently, but also about the collections of works of thematic conferences and congresses, where new directions of emergency care were discussed.

ORGANIZATION OF HEALTH AND HISTORY OF MEDICINE:

1. Lopukhin, Y.M. About science, creativity and health / Y.M. Lopukhin. - M.: Litterra, 2014. - 160 p.

In the second edition of the well-known monograph, academician Y.M. Lopukhin, the creator of efferent medicine, tells not only about his own path in medicine and related difficulties and success, but also about current trends in the organization of the scientific, therapeutic and diagnostic process.

Despite the fact that the book is intended for a wide audience, its main readers are practical doctors and researchers dealing with the problems of atherosclerosis, congenital and acquired diseases of the immune system, as well as issues of active ageing. That is why it will undoubtedly arouse the interest of medical specialists of various fields.

2. Osipenkova-Vichtomova, T.K. Rusakov Arseny Vasilyevich, forensic physician, pathologist (1885-1953) / T.K. Osipenkova-Vichtomova. - M.: 2014. - 140 p.

The monograph is based on extensive material, consisting of archive documents and personal memories of the author and disciple of the outstanding scientist and teacher A.V. Rusakov, who had worked for many years under his leadership.

The author emphasizes that the works of a well-known domestic specialist in the field of forensic medicine and pathological anatomy, being at their origins and for more than 30 years leading these services in the Institute, has not lost its importance for modern specialists, either scientifically or from a practical point of view.

EMERGENCY MEDICAL CARE:

3. Banta, J.T. Ocular trauma / J.T. Banta; translated from English and edited by T.A. Imshenetskaya [et al.]. - M.: Pract. medicine, 2013. - 256 p.: illustrated.

Injuries of the eye, remaining one of the most frightening conditions the emergency doctor meets, need not only the timely appointment of specialized treatment, but also a certain sequence of actions directly on the scene.

Paragraphs describing the technique of examining and treating the most common open and closed eye and eye socket lesions will be particularly interesting for emergency specialists. The translator of the Russian language and the scientific editor of the manual, written by a famous American ophthalmologist, was made by a team of scientists of the Academy of Postgraduate Education of Belarus. Therefore, it is fully adapted to the realities of the domestic health care system.

4. Rabies and its prevention in the presence of bitten wounds: Textbook / M.F. Vladimirovsky MRRCI [comp. V.P. Voloshin et al.]. - M., 2015. - 15 p.

As indicated in many modern guidelines, the spread of rabies contributes to involvement of domestic animals in the epizootic process: dogs and cats. Therefore, the issue of another guideline, designed to help activate the prevention of this deadly disease, can not be called untimely. It has brief clear recommendations on medical and preventive measures directly in the provision of assistance to victims of animal bites.

5. Emergency care in a modern multidisciplinary medical organization, problems, tasks, development prospects: collected papers of the Fourth All-Russian Scientific and Practical Conference on Organizational and Clinical Sections of Emergency Care, Kazan, November 18, 2016 / edited by I.V. Klyushkin, R.I. Fatykhov, M.N. Sadykov. - Kazan, 2016. - 332 p.: colored illustrations.

The book summarizes not only the experience of the first line organizations providing emergency medical care in Tatarstan, but also a large number of practical doctors from many regions, scientific and practical institutions of the Russian Federation and the CIS countries.

The information on various aspects of the provision of high-tech emergency care in all sections of surgery, therapy and obstetrics, gynecology, neurology, toxicology, as well as its organization and the nursing process is presented.

SURGERY, ANAESTHESIOLOGY AND RESUSCITATION:

6. Topical issues of nephrology, dialysis, surgical hemocorrection and hemapheresis: collected papers of the Annual Scientific and Practical Conference CFD RF joint with the 23rd Moscow Conference for Hemapheresis: 2 vol. (Moscow, Tver, 13-15 May, 2015) / edited by A.V. Vatazin. - M., Tver, 2015. - Vol. 1. - 106 p.; Vol. 2. - 28 p.

Materials of the annual conference are the works, which reflect the results of modern scientific research on the problems of nephrology, transplantology, replacement renal therapy and hemapheresis.

A large number of publications are devoted to the use of efferent methods in emergency conditions: burns, mechanical jaundice, abdominal trauma, exogenous and endogenous intoxications and septic shock.

7. Koryachkin, V.A. Neuroaxial blockades / V.A. Koryachkin. - SPb.: Elbi-SPb, 2013. - 544 p.: illustrated.

Many years of experience of the professor, head of the department of anesthesiology and resuscitation of the R.R. Vreden RRITO, found its reflection in a unique monograph based on clinical material exceeding 15,000 observations. In addition to a detailed description of the tools, methods and techniques for performing manipulations, a thorough analysis

of errors and possible complications and a detailed description of the clinical pharmacology of the drugs will be of interest to doctors and researchers involved in the anesthetic support of surgical interventions and treatment of patients in intensive care units.

The extensive bibliographic list reflecting publications on the problem, among which monographs and dissertational researches which has been made in our country since 1901, are separately given, deserves the huge respect.

8. Kulezneva, Y.V. Ultrasound in the diagnosis and treatment of acute appendicitis / Y.V. Kulezneva, R.Y. Izrailov, Z.A. Lemeshko. - Moscow: GEOTAR-Media, 2014. - 72 p.: illustrated. - (Ser.: Actual questions of medicine).

A small volume book, written by professors from the A.I. Yevdokimov MSUMD and the I.M. Sechenov First MSMU, gives a detailed description of the method of examining the right ileal fossa and describes the possibilities of ultrasound in the diagnosis of various forms and complications of acute appendicitis, as well as in implementation of percutaneous minimally invasive procedures.

For specialists who provide assistance to patients in the admission department and at the early hospital stage, the fourth chapter will be particularly interesting, where problems of differential diagnosis of acute appendicitis with other, including rare diseases, are considered in detail.

9. Parenteral and enteral nutrition: scientific program and collection of papers of XX Jubilee Congress with International Participation (Moscow, October 27-28, 2016). - M., 2016. - 35 p.

Participants in the jubilee congress were not only leading experts in the field of the theory and practice of clinical nutrition from many regions of Russia, but also representatives of scientific schools in Germany and Poland.

Among the reports most interesting for doctors who provide assistance to adults and children in various acute diseases and traumas, it is necessary to mention materials that reflect the peculiarities of nutritional support for victims of burns, patients in the immediate postoperative period after injuries of the abdominal cavity and those in other critical states.

10. Practical skills in anesthesiology, resuscitation and intensive care: textbook / edited by A.M. Ovechkin. - M.: Pract. medicine, 2014. - 80 p.

A short volume manual contains, nevertheless, a large number of figures, tables, diagrams that make it possible to give a reader the basic skills needed for intensive care in patients of different age groups in critical conditions.

When listing indications and contraindications for carrying out various manipulations, the authors who remain, in addition to carrying out their teaching activities, practicing anesthesiologists-resuscitators, pay special attention to the need for creating psychological comfort for the patient.

NEUROLOGY AND NEUROSURGERY:

11. Arndt, P. Psychosomatics and psychotherapy: manual / P. Arndt, N. Klingen; translation from German edited by A.B. Smulevich [et al]. - M.: MEDPRESS-INFORM, 2014. - 368 p.: illustrated.

The publication is a series of short reviews and tables, which German specialists gave to illustrate the basic concepts of psychoanalysis. The domestic reader should take into account that when describing the main types of psychogenic disorders and neurological pathology, the authors use the classification from the textbook of Michael Ermann (2007) and this note is accompanied by the remark that they are "throwing bridges" to the ICD-10 as generally accepted initial system.

In appendices called "working materials", there is information on the diagnosis and treatment methods, including special techniques applicable to specific disorders; an alphabetical index of all terms found in the publication, as well as a list of used and recommended literature, mainly by German authors.

12. Emergency neurosurgery: collection of presentations of educational course (Simferopol, April 23-24, 2015). - Simferopol, 2015. - 168 p. - The material is given in slides.

The materials of a regular educational cycle conducted in the course of the Association of Neurosurgeons of Russia provide visual representation of the main tactical and technical features of specific diagnostic techniques and surgical treatment of emergency conditions: severe combined multisystem trauma of the maxillofacial region, skull, spine and spinal cord, including gunshot wounds of these locations.

DIAGNOSTICS:

13. Grey, M.L. CT and MRI pathology/ M.L. Grey, J.M. Ailinani; translated from English and edited by E.D. Akchurina. - M.: MEDPRESS-INFORM, 2013. - 456 p.: illustrated.

One of the few publications published in Russian almost simultaneously with the original, is a reference guide for visualization of various pathological processes viewed by computed and magnetic resonance imaging.

Undoubtedly, a book is useful for beginning specialists in radiation diagnostics, first of all, can help physicians of various specialties in interpreting received data, as in combination with other modern images provides the necessary basic information about the main diseases.

14. Dey, P. Fine-needle aspiration. Interpretation of results and diagnostic problems / P. Dey; translated from English and edited by N.A. Shapiro. - M.: Pract. medicine, 2014. - 224 p.: illustrated.

There are 13 chapters, each devoted to cytological diagnostics of diseases of a certain anatomical location, the guidance-atlas addressed to cytologists and laboratory doctors will also be useful for pathologists and oncologists, since it discusses in detail the problems that arise when verifying various pathological processes, and the technique of fine needle puncture is fully described, indicating possible problems of interpretation of the obtained data.

Each chapter of a richly illustrated publication is accompanied by a brief list of literature, which is especially valuable

for specialists involved in educational activities.

15. Nechipai, A.M. EUSbuka. Guide to endoscopic ultrasonography / A.M. Nechipai, S.Y. Orlov, Y.D. Fyodorov. - M.: Pract. medicine, 2013. - 398 p.: illustrated.

Scientists and doctors working in various medical institutions of many Russian cities took part in writing the scientific and practical guidance.

Relying not only on literature data and own clinical experience, but also on long-term cooperation with colleagues from different countries of the world, the authors detailed the methodological foundations of diagnostic and interventional endosonography of the digestive system and tracheobronchial tree in norm and in various diseases.

CARDIOLOGY AND CARDIOSURGERY:

16. Hypertonic Crises / edited by S.N. Tereshchenko, N.F. Plavunova. - 2nd edition, updated and revised. - M.: MEDPRESS-INFORM, 2013. - 208 p.: illustrated.

Scientists from a number of leading institutions of the country, and, what is especially valuable, practical doctors of the A.S. Puchkov Emergency and Urgent Care Station of the Moscow Health Department, created a monograph in which they give detailed recommendations on the diagnosis and treatment of hypertensive crises.

The second supplemented edition is written on the basis of the latest Russian and international recommendations and is clearly focused on the differential treatment of patients, taking into account the diversity of clinical manifestations and pathogenetic variants of this life-threatening condition.

17. Cardiosurgery: manual / edited by Y.P. Ostrovsky. - M.: Med. lit., 2014. - 512 p.: illustrated.

Created by a team of Belarusian doctors, including cardiac surgeons, cardiologists, anaesthesiologists, resuscitators, specialists in radiation and functional diagnostics, the guidebook contains an algorithm for practically all nosological forms of heart pathology and large vessels.

Despite the pocket format, the handbook also reflects the most up-to-date information about the anatomy and physiology of the cardiovascular system, the mechanisms of the development of pathological processes, indications and procedures for cardiac and vascular surgeries, as well as the features of the postoperative period and rehabilitation of patients, and in the development of complications.

It is necessary to note the competent polygraphic design, in which all 15 chapters of the publication are highlighted in red on the front edge of the book block, which creates additional convenience in use.

TRAUMATOLOGY AND ORTHOPEDICS:

18. Bilich, G.L. Joints of bones: immovable and semi-mobile joints / G.L. Bilich, V.A. Kryzhanovsky, E.Y. Zigalova. - Moscow: EKSMO, 2014. - 112 p.: illustrated. - (Ser.: Atlas of human anatomy).

The colored illustrated atlas was prepared by leading anatomists, therefore, being addressed primarily to university students, it will nevertheless be useful to both their teachers and emergency doctors. In a style that is convenient for perception, with an abundance of clear illustrations, the atlas is based on the latest scientific data and provides an opportunity for a profound study of the practical anatomy of the articular apparatus. Visual tables and practical recommendations which are appendices to the edition, allow the doctor to easily deliver the necessary amount of anatomical information to the average medical personnel and, if necessary, to the relatives of patients.

19. Traumatism, orthopedic morbidity, the state of traumatologic and orthopedic assistance to the population of Russia in 2015 / prepared by: T.M. Andreyeva, E.V. Ogryzko, M.M. Popova; edited by S.P. Mironov. - Moscow: N.N. Priorov CNRITO, 2016. - 145 p.

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In the yearbooks, issued by the N.N. Priorov CNRITO, they summarize the data of the state statistical reporting of the Ministry of Health of Russia and the main indicators characterizing the traumatism, prevalence of diseases of the musculoskeletal system and the state of trauma and orthopedic care. The types of diseases of the musculoskeletal system in patients of different age groups, statistical and epidemiological data on injuries of various genesis are presented in detail. Comparing the information published in the collections for 2015 and 2016, we see a reduction in the number of injuries in the country in the adult population as a percentage, and the child's traumatism has no tendency to decline. The collection contains information on the availability of the population of various districts with a specialized bed capacity, and its analysis which reveals a significant decrease in the number of trauma and orthopedic beds and the absence of specialized departments, in particular burn departments, in some subjects of the Russian Federation.

EPIDEMIOLOGY AND INFECTIOUS DISEASES:

20. Diphtheria: microbiological and immunological aspects / edited by G.G. Kharseyeva. - M.: Pract. medicine, 2014. - 241 p.

The team of scientists from several major scientific centers of the country considers the properties of the causative agent of diphtheria in a modern light, as well as the factors of its pathogenicity and their role in the mechanisms of the formation of postinfection and postvaccinal immunity.

The problem of diphtheria infection is examined in the example of Rostov-on-Don and the Rostov region with a generalization of data for the period from 1994 to 2012. Detailed clinical and epidemiological characteristics of modern diphtheria, sensitivity of its pathogens to antibacterial drugs, regional features of disease development and vaccine prevention are given.

A detailed description of the clinical picture of the disease makes a monograph valuable to the doctor for emergency care, working with children.

21. Uchaikin, V.F. Infectious hepatology: a guide for doctors / V.F. Uchaikin, T.V. Cherednichenko, A.V. Smirnov. - 2nd edition. - Moscow: GEOTAR-Media, 2014. - 608 p.: illustrated.

In the second edition of the manual, the authors who are leading specialists from the N.I. Pirogov RNRMU, reflected the latest achievements of infectious hepatology. Much attention is paid to the fundamental sections of the structure and function of the liver, the methods of examination for pathology of the hepatobiliary zone, detailed characteristics of various acute and chronic hepatitis A, E, B, D, C, G, TTV: etiology, pathogenesis, clinic, treatment and prevention. A separate chapter is formed by information on herpetic hepatitis caused by various viruses. A detailed description of secondary infectious lesions of the liver caused by various invasions is given. Complex questions of pathogenesis of fulminant forms of hepatic insufficiency and coma are analyzed. The authors suggested using mathematical methods to assess the severity, early diagnosis of malignant forms of hepatitis and hepatic coma, which also predict the course of the disease.

Lists of references accompanying each of the 25 chapters of the publication, enable practitioners and scientists studying these problems to compare the data presented in the manual with the experience of other researchers.

The notable progress of science at the turn of the 20th and 21st century was manifested, among other things, by the emergence and rapid development of new areas of medical knowledge, including emergency medical care. Scientific and practical activities of different levels have become an integral part of the life not only of scientists and doctors, but also of mid-level medical personnel, as adoption of modern technologies and equipment requires the formation of adequate skills and constant professional development.

In addition to the monographs published in Russian in the last few years which aroused interest among the Institute's staff, a review of the number of the scientific medical library of the N.V. Sklifosovsky Research Institute for Emergency Medicine included annotations to the materials of several conferences that covered the problems which are urgent for specialists who provide emergency medical care.

Two statistical collections reflecting the state of specialized assistance to the population of Russia in the last two years are also presented to readers. They are published in a small number of copies and are not widely available in electronic databases.

Prepared by
Evgenia Yevgenyevna Lukyanova,
Candidate of Pedagogic Sciences, Head of the Scientific and Medical Library
of the N.V. Sklifosovsky Research Institute for Emergency Medicine
e-mail: evgevgluk@yandex.ru