

Medical Diagnosis And Treatment Inam Danish

Typically, manuals of pediatric hematology-oncology are written by specialists from high-income countries, and usually target an audience with a sub-specialist level of training, often assisted by cutting-edge diagnostic and treatment facilities. However, approximately 80% of new cases of cancer in children appear in mid- and low-income countries. Almost invariably, general practitioners or general pediatricians without special training in oncology will look after children with malignancies who enter the health care system in these countries. The diagnostic facilities are usually limited, as are the treatment options. The survival figures in these conditions are somewhere below 20%, while in high-income countries they are in the range of 80% for many childhood cancers. Pediatric Hematology-Oncology in Countries with Limited Resources is the only book of its kind to provide specific guidance applicable to limited resource settings and builds up from the foundation of general practitioner or general pediatrician competence. Written and edited by leaders in the field, this manual educates physicians on the essential components of the discipline, filtered through the experience of specialists from developing countries, with immediate applicability in the specific healthcare environment in these countries.?

The essential work in HIV for providers and pharmacists -- updated with everything they need to know in 2019! Assembled by the leading educational organization in HIV

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medicine, AAHIVM's Fundamentals of HIV Medicine 2019 is an end-to-end clinical resource for the treatment of individuals with HIV/AIDS. It offers state-of-the-art practical advice for physicians, pharmacists, nurse practitioners, and other professionals working in the care of HIV patients. Along with updates to the classic domains of HIV medicine, this new edition features expanded coverage of emerging topics, including: behavioral and therapeutic interventions to HIV prevention; updates on the pursuit of a cure; new DHHS and IAS guidelines and their clinical implications; and the myriad issues around aging with HIV. Embodying the American Academy of HIV Medicine's commitment to excellence in the care of seropositive patients, Fundamentals of HIV Medicine 2019 is must-have for health professionals across HIV care, treatment, and prevention.

Tens of thousands of children are removed from home each year due to some form of child maltreatment, usually physical neglect, physical abuse, or sexual abuse, although sometimes for emotional abuse as well. An additional significant number of children are victims of child maltreatment but remain in their home. Extensive research reveals the far reaching and long lasting negative impact of maltreatment on child victims, including on their physical, social, emotional, and behavioral functioning. One particularly troubling and complicated aspect is how the child victim forms (and maintains) a “traumatic bond” with his abuser, even becoming protective and defensive of that person despite the pain and suffering they have caused. This book will provide the

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reader with the essential experience of understanding how children make meaning of being maltreated by a parent, and how these traumatic bonds form and last. Through an examination of published memoirs of abuse, the authors analyze and reveal the commonalities in the stories to uncover the ways in which adult victims of childhood abuse understand and digest the traumatic experiences of their childhoods. This understanding can inform interventions and treatments designed for this vulnerable population and can help family and friends of victims understand more fully the maltreatment experience “from the inside out.”

This book represents the efforts of young oncologists, haematologists, pharmacists and oncology nurses who are highly motivated and encouraged by the significant development of new effective anticancer drugs. Since the discovery of antimetabolites and alkylating agents in the 1940s and 1950s, many new products have been introduced into our daily arsenal not only through chemotherapy agents, but also by means of biological or immunotherapeutic drugs whose side effects differ significantly. The idea of this book was born from a simple observation and confirmation of fact. New doctors in training experience high levels of stress and lack of confidence when confronting cancer patients and explaining a treatment or managing frequent side effects. Patients questions will only add more nervousness, and this will lead to a failure in the doctor-patient relationship, causing the patients mistrust and doctors frustration. Nurses dealing with these patients will suffer pressure too, as many questions

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regarding antineoplastic drugs will be asked of them and patients expect them to ease their doubts. This feeling of vulnerability in front of a patient, though a part of the maturation process when becoming a professional caretaker, causes discomfort and incertitude. In this context, it is crucial to gain great knowledge about pharmacokinetic and pharmacological features of each active anticancer drug used, as well as the indications, dosages, interactions and toxicities, to be able to face the daily practice of oncology without concerns and manage daily therapeutic complications easily. This may be considered very difficult, taking into account the huge number of active agents doctors manage routinely, but doctors have accepted the challenge and designed a straightforward, comprehensible book to solve this issue. The Easy Book of Cancer Pharmacology provides the means to overcome the problem. It is conceived as an accessible, concise and yet exhaustive tool which displays a vast amounts of knowledge in a very schematic way. It is easy to consult and offers a very practical expertise to develop the ability of managing effectively each antineoplastic agent quickly. It gives the necessary insights to explain this to the patients with confidence. Each chapter reviews one active drug and shows the information with a pragmatic style, and they are divided into different sections. Each section covers distinct aspects of the agent, from general characteristics to more specific details related to clinical pharmacology. In quickly advancing fields such as oncology, such a book is necessary to help update the ever-developing and expanding knowledge of clinicians and patients

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in an efficient and effective manner.

Chapman and Nakielny's Guide to Radiological Procedures has become the classic, concise guide to the common procedures in imaging with which a radiology trainee will be expected to be familiar. Now fully revised and updated in line with current practice, it will also prove invaluable to the wider clinical team that now delivers modern imaging services, including radiographers and radiology nurses, as well as a handy refresher for radiologists at all levels. The highly accessible format has been retained, with every technique described under a set of standard headings, making it ideal for both quick reference and exam preparation. The important topic of 'consent' is reflected in an additional new chapter and the latest key guidelines are referenced throughout.

Synoptic style makes for easy everyday quick reference as well as exam preparation. Selectivity of techniques covered focuses candidates' attention on what questions to expect. Use of standard headings makes information highly accessible. Reflects changes in examination. All new modalities fully covered.

The health care system in Canada is much-touted in the international sphere, but often overlooked when it comes to an examination of its actual administration and regulation. Health Systems in Transition: Canada provides an objective description and analysis of the public, private, and mixed components that make up health care in Canada today. Published in co-operation with the World Health Organization Regional Office for Europe on behalf of the European Observatory on Health Systems and Policies,

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Gregory P. Marchildon's study offers a statistical and visual description of the many facets of Canadian health care financing, administration, and service delivery. This study's most distinctive feature is a comparative description and analysis. For international comparison, five other countries have been selected: The United States, Australia, the United Kingdom, France, and Sweden. Because public health care administration and delivery is highly decentralized in Canada, Marchildon also analyzes the important health status and health care features within Canada by province and territory, and describes in some detail the unique constitutional, jurisdictional, and financial features of the Canadian system. Balancing careful assessment, summary, and illustration, *Health Systems in Transition: Canada* is a thorough and illuminating look at one of the nation's most complex institutions.

The *Oxford Handbook of Clinical Immunology and Allergy* is a unique, practical and clinically relevant guide to assist with the diagnosis and management of immunological/allergic disease, and the correct selection and interpretation of immunological tests.

Differential diagnosis texts for the MRCP can overload candidates with detailed information, making revision seem difficult and overwhelming. In contrast, this book avoids exhaustive lists of often rare causes and concentrates instead on a maximum of five of the most common causes in terms of prevalence for each scenario, making revision more structured and manageable. The book includes diagnostic hints - clinical

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or lab clues that point towards a specific diagnosis - and a unique chapter on key ECG causes and features. Although primarily intended for MRCP Part I & II and FCPS (Pakistan) Part II candidates, this book will also be useful for undergraduate students preparing for finals.

Dengue is a tropical, mosquito borne flavivirus infection and a leading public health problem in India. Four serotypes DEN1-4 cause high morbidity and mortality. Dengue is a spherical, lipid enveloped, positive stranded RNA virus having a 10200 Kb RNA genome coding for three structural (capsid C, premembrane PrM, and envelope E) and seven nonstructural proteins. Early, sensitive and specific diagnosis is paramount for patient management, prevention of complications, etiologic investigation and disease control. Early diagnosis is achieved by NS1 antigen detection, nucleic acid amplification and virus isolation. Diagnosis after five days is conferred by IgM/IgG based serological techniques such as ELISA, hemagglutination inhibition, complement fixation and neutralization test. The aim of this study is to compare serological and nucleic acid based methods for early diagnosis of dengue and differentiation of serotypes. For this, Dengue was diagnosed using NS1 antigen, IgM/IgG LF-ICT, IgM ? capture ELISA, RT-PCR and tests were compared. M-PCR was done to identify serotypes.

Textbook of Pharmacognosy and Phytochemistry This comprehensive textbook is primarily aimed at the course requirements of the B. Pharm. students. This book is specially designed to impart knowledge alternative systems of medicine as well as modern pharmacognosy. It would also serve as a valuable resource of information to other allied botanical and alternative healthcare science students as well as researchers and industrialists working in the field of

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herbal technology. Only Textbook Offering... Recent data on trade of Indian medicinal plants (till 2008) Illustrated biosynthetic pathways of metabolites as well as extraction and isolation methodologies of medicinal compounds Bioactivity determination and synthesis of herbal products of human interest Information on Ayurvedic plants and Chinese system of medicine Simple narrative text that will help the students quickly understand important concepts Over 300 illustrations and 120 tables in order to help students memorize and recall vital concepts making this book a student's companion cum teacher A must buy for every student of pharmacognosy!

Topics include: Physical examinations and approaches to common rheumatic presentations. How to select and interpret laboratory tests and imaging. How to handle specific rheumatologic emergencies. Joint aspiration and injection techniques. The Canadian Clinician's Rheumatology Handbook, endorsed by the Canadian Rheumatology Association, is a practical, fully illustrated handbook for the diagnosis and initial management of rheumatic disorders. Residents in rheumatology, internal medicine and family medicine programs, practicing physicians and medical students will find this handy pocket guide to be an indispensable resource. Allied health professionals and nurse practitioners will also find it accessible and informative, helping them to better manage their patients and clients. Lead author Dr. Lori Albert has assembled a team of expert contributors, including academic rheumatologists from across Canada. This new edition updates and expands the very popular Canadian Residents' Rheumatology Handbook.

Thanks to remarkable advances in modern health care attributable to science, engineering, and medicine, it is now possible to cure or manage illnesses that were long deemed

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untreatable. At the same time, however, the United States is facing the vexing challenge of a seemingly uncontrolled rise in the cost of health care. Total medical expenditures are rapidly approaching 20 percent of the gross domestic product and are crowding out other priorities of national importance. The use of increasingly expensive prescription drugs is a significant part of this problem, making the cost of biopharmaceuticals a serious national concern with broad political implications. Especially with the highly visible and very large price increases for prescription drugs that have occurred in recent years, finding a way to make prescription medicines—and health care at large—more affordable for everyone has become a socioeconomic imperative. Affordability is a complex function of factors, including not just the prices of the drugs themselves, but also the details of an individual's insurance coverage and the number of medical conditions that an individual or family confronts. Therefore, any solution to the affordability issue will require considering all of these factors together. The current high and increasing costs of prescription drugs—coupled with the broader trends in overall health care costs—is unsustainable to society as a whole. Making Medicines Affordable examines patient access to affordable and effective therapies, with emphasis on drug pricing, inflation in the cost of drugs, and insurance design. This report explores structural and policy factors influencing drug pricing, drug access programs, the emerging role of comparative effectiveness assessments in payment policies, changing finances of medical practice with regard to drug costs and reimbursement, and measures to prevent drug shortages and foster continued innovation in drug development. It makes recommendations for policy actions that could address drug price trends, improve patient access to affordable and effective treatments, and encourage innovations that address significant needs in health care.

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This book summarises the key clinical features and their treatment across a range of skin diseases and describes the decision-making process when referring patients to specialists. It describes how treatment of the skin is often very different to other specialities, as both topical and systemic medications are used, and reviews the clinical signs, investigation and diagnostic approaches to skin diseases. *Treatment of Skin Diseases: A Practical Guide* principally aids primary care physicians, trainee dermatologists and dermatology nurse practitioners, but it is also a convenient management guide for allied health professionals, students and hospital-based physicians. A concise atlas of diagnostic photographs is included and incorporated with a simple set of common differentials to provide a useful reference for primary care readers and those training in dermatology. The book also contains information on the management of common skin problems, together providing a comprehensive introduction to the treatment of skin diseases. The treatment options for secondary and tertiary care are also included to provide a thorough picture of the spectrum of dermatologic therapeutics.

The chapters on molecular genetics, recombinant DNA technology, nutrition, toxins, diabetes mellitus, cancer and AIDS are unique in giving in-depth perception in a concise manner to these highly relevant topics. The medical applications of theoretical facts are clearly pointed out and highlighted at the appropriate places. A questions banks at the end has been put to help the students.

This new edition has been fully revised to help pathology trainees acquire practical knowledge in diagnostic pathology. Divided into eight sections and consisting of 61 exercises, this useful guide discusses techniques and general pathology, and then offers exercises for each discipline within pathology – systemic pathology, cytopathology, haematology, clinical

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pathology and autopsy. The third edition offers updated images and new exercises for topics of current clinical significance including immunohistopathology, surgical pathology, types of blood samples, anticoagulants and blood collection. Supported by key points, nearly 600 line drawings, specimen photographs and photomicrographs, this practical manual also includes a CD reviewing specimens. Key points Fully revised, new edition offering trainees practical knowledge in diagnostic pathology Consists of 61 exercises covering key disciplines within pathology Includes updated images and new exercises for topics of current clinical significance Includes key points, nearly 600 line drawings, specimen photographs and photomicrographs, and a CD reviewing specimens Previous edition published in 2007

A comprehensive textbook on tuberculosis that covers all aspects of the disease: epidemiology, microbiology, diagnosis, treatment, control and prevention. The main part of the book comprises very detailed and richly illustrated clinical chapters. The copious images are the advantage of this book. Chapters on new methods and treatments and on animal tuberculosis are included. The material is based on a wealth of experience in tuberculosis as seen in endemic countries such as Saudi Arabia that enjoy free access to advanced investigative and therapeutic facilities. This coexistence of endemicity of the disease and state-of-the-art facilities is rare in poor and developing countries or in rich and developed nations. This multidisciplinary volume is ideal for all clinicians, laboratory and research workers, epidemiologists, university teachers and students, health care planners and international organizations involved in world health and infectious disease.

Sharpen Your Diagnostic Skills! Slide Interpretation in Clinical Medicine is a one-

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of-a-kind pictorial guide designed specifically to help improve your clinical evaluation skills. Compact and easy to use, this resource is filled with slides of full-color photographs, X-rays, CT scans, and other images that represent the manifestations of both frequently encountered medical problems and rare conditions. Slides represent 125 different case studies and cover almost all disciplines in internal medicine Coverage ranges from bacterial infections to complications related to diabetes and heart disease, and less frequently seen conditions such as rare genetic disorders Each slide is accompanied by a list of symptoms and targeted questions, with answers and follow-up on the back of the slide Etiology, pathology, complications, differential diagnosis, treatment strategy, and prognosis are provided for each disease shown

The book is not a classic pediatric text book. It shows different approaches to some pediatric topics. Our aim in this book, as understood from its title, is to describe some specific issues related to nursing, psychiatric and surgical issues. The book Pediatric Nursing, Psychiatric and Surgical Issues has 8 chapters which are placed in 4 different sections, to enlighten patients and pediatricians on current developments on specific pediatric issues.

Get the BIG PICTURE of Pathology - and focus on what you really need to know to score high on the course and board exam If you want a streamlined and

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definitive look at Pathology - one with just the right balance of information to give you the edge at exam time - turn to Pathology: The Big Picture. You'll find a succinct, user-friendly presentation especially designed to make even the most complex concept understandable in the shortest amount of study time possible. This perfect pictorial and textual overview of Pathology delivers: A "Big Picture" emphasis on what you must know verses "what's nice to know" Expert authorship by award-winning, active instructors Coverage of the full range of pathology topics - everything from cellular adaptations and injury to genetic disorders to inflammation to diseases of immunity Magnificent 4-color illustrations Numerous summary tables and figures for quick reference and rapid retention of even the most difficult topic Highlighted key concepts that underscore integral aspects of histology (key concepts are also listed in a table at the end of each chapter) USMLE-type questions, answers, and explanations to help you anticipate what you'll encounter on the exams And much more!

Defines an approach to mental healthcare focused on achieving international equity in coverage, options and outcomes.

NEW YORK TIMES BESTSELLER • This instant classic explores how we can change our lives by changing our habits. **NAMED ONE OF THE BEST BOOKS OF THE YEAR BY** The Wall Street Journal • Financial Times In The Power of

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Habit, award-winning business reporter Charles Duhigg takes us to the thrilling edge of scientific discoveries that explain why habits exist and how they can be changed. Distilling vast amounts of information into engrossing narratives that take us from the boardrooms of Procter & Gamble to the sidelines of the NFL to the front lines of the civil rights movement, Duhigg presents a whole new understanding of human nature and its potential. At its core, *The Power of Habit* contains an exhilarating argument: The key to exercising regularly, losing weight, being more productive, and achieving success is understanding how habits work. As Duhigg shows, by harnessing this new science, we can transform our businesses, our communities, and our lives. With a new Afterword by the author

“Sharp, provocative, and useful.”—Jim Collins “Few [books] become essential manuals for business and living. *The Power of Habit* is an exception. Charles Duhigg not only explains how habits are formed but how to kick bad ones and hang on to the good.”—Financial Times “A flat-out great read.”—David Allen, bestselling author of *Getting Things Done: The Art of Stress-Free Productivity* “You’ll never look at yourself, your organization, or your world quite the same way.”—Daniel H. Pink, bestselling author of *Drive* and *A Whole New Mind* “Entertaining . . . enjoyable . . . fascinating . . . a serious look at the science of habit formation and change.”—The New York Times Book Review

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Pharmacological knowledge among medical students can have a very short 'half life': students often fail not because they have failed to study, but because they have been unable to retain key knowledge and reproduce it in an exam setting. This book takes an alternative route to the conventional approach of comprehensively exploring each individual drug and its features: not only can such an approach overwhelm and make knowledge retention difficult, but the current exam format makes questions structured in this way unlikely anyway. Instead of aiming to be completely comprehensive, it examines drugs systematically by classifications, mechanisms of action, therapeutic uses and side effects, enabling students to gain the distilled, functional grasp of pharmacology that their exams actually demand quickly and clearly.

Cardiac Surgery Essentials for Critical Care Nursing, Third Edition is an indispensable resource for new and experienced nurses caring for patients in critical care units immediately following cardiac surgery and in the transitioning to home. With an evidence-based foundation, the Third Edition addresses nursing knowledge to meet the needs of acutely ill patients and strategies to optimizing patient outcomes in this dynamic field. Vital information has been added and updated to reflect significant changes in cardiac surgery as well as four new chapters based on needs of patients, families, and readers. These new chapters

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address nutritional issues, post ICU-care, psychological and spiritual support, and rehabilitation care post cardiac surgery.

This book summarizes the global progress in medical and scientific research toward converting traditionally chronic autoimmune diseases into a drug-free reversible illness using hematopoietic stem cell transplantation (HSCT) and other cellular therapies such as T regulatory cells (Treg), mesenchymal stromal/stem cells, and chimeric antigen receptor T (CAR T) cells in order to reintroduce sustained immune tolerance. This title provides information on different types of stem cells and immune cells; post-transplant immune regeneration; cellular regulatory requirements; ethical and economic considerations; and the advantages and disadvantages of HSCT in the treatment of a variety of autoimmune diseases versus current conventional treatments. Arranged by disease, the text provides a comprehensive guide to HSCT for all types of autoimmune/immune disorders including monogenetic autoimmune diseases; autoimmune aplastic anemia; neurologic immune diseases including multiple sclerosis, chronic inflammatory demyelinating polyneuropathy, neuromyelitis optica, and stiff person syndrome; rheumatologic diseases such as systemic sclerosis and systemic lupus erythematosus; dermatologic diseases such as pemphigus; gastrointestinal disorders such as Crohn's disease and celiac

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disease; and immune-mediated endocrinologic disease type I diabetes mellitus. Guidance is provided on the transplantation technique, cell collection and processing, conditioning regimens, infections, and early and late complications. Key Features Outlines therapies and techniques for HSCT for autoimmune diseases Discusses the advantages of HSCT over conventional therapies Reviews the entire process of stem cell therapy from harvest and ethics to indications, efficacy, and regulatory oversight

Surgical and Medical Management of Diseases of the Thyroid and Parathyroid features authoritative, in depth, and controversial issues of diseases of the thyroid and parathyroid in a clear and balanced manner. It covers the entire spectrum of diseases as well as the array of problems faced by medical personnel dealing with them. Many practitioners have to refer to multiple books for answers to their questions because the discipline is changing so rapidly. The basic sciences of diseases of the thyroid and parathyroid are complex, but this text makes them easy to understand. Issues like when to use a PET scan and molecular biology are given clarity. This unique resource delivers a clear, concise but comprehensive text that offers answers to the universal problems that endocrinologists, endocrine surgeons, radiologists and histopathologists face. It contains the most up-to-date material regarding the complex issues of these diseases through the lenses of medical (endocrinological), surgical, and histopathological disciplines. It is written for postgraduate otolaryngologists, endocrinologists, endocrine surgeons, and general surgeons interested in the field. Key Features: * Interdisciplinary * Authoritative * Practical with best practice guidelines

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Extensively revised and fully updated, this new edition of the Oxford Handbook of Rheumatology provides everything you need to understand the wide range of rheumatic conditions. Including the latest guidelines and the most up-to-date information, this is the indispensable guide for students, trainees, consultant rheumatologists, and everyone dealing with patients with musculoskeletal disease. Rheumatic conditions are common in both general and hospital practice; a primary feature of many multi-system illnesses, and in the context of injury, age-related change, and psychological distress. This handbook provides practical advice, guidance, and key clinical facts to help you provide the best care for your patients. Practically structured, the handbook focuses first on presenting symptoms, and then considers key diseases, emergencies, and rare diseases in more detail, finishing with a comprehensive account of assessment, guidelines, and treatment options including the latest advances in biological therapy. It provides practical guidelines on the management and diagnosis of patients with acute and chronic musculoskeletal disease. Colour plates and line drawings are present throughout along with tables of key information. Taking a clinical, evidence-based approach, written by experts, and presented in a clear, practical, bullet-point style for rapid reference, this handbook will be your constant companion and a joy to use.

This is the first textbook to focus on Aortopathy, a new clinical concept for a form of vasculopathy. The first section of the book starts from discussing general concept and history of Aortopathy, and then deals with its pathophysiology, manifestation, intrinsic factor, clinical implication, management and prevention. The second part closely looks at various disorders of the Aortopathy such as bicuspid aortic valve and coarctation of aorta. The book editors have published a lot of works on the topic and have been collecting relating data in the field of

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congenital heart disease for the past 20 years, thus present the book with confidence. The topic - an association of aortic pathophysiological abnormality, aortic dilation and aorto-left ventricular interaction - is getting more and more attention among cardiovascular physicians. This is the first book to refer for cardiologists, pediatric cardiologists, surgeons, ACHD specialists, etc. to acquire thorough knowledge on Aortopathy.

Safety and Reliability – Safe Societies in a Changing World collects the papers presented at the 28th European Safety and Reliability Conference, ESREL 2018 in Trondheim, Norway, June 17-21, 2018. The contributions cover a wide range of methodologies and application areas for safety and reliability that contribute to safe societies in a changing world. These methodologies and applications include: - foundations of risk and reliability assessment and management - mathematical methods in reliability and safety - risk assessment - risk management - system reliability - uncertainty analysis - digitalization and big data - prognostics and system health management - occupational safety - accident and incident modeling - maintenance modeling and applications - simulation for safety and reliability analysis - dynamic risk and barrier management - organizational factors and safety culture - human factors and human reliability - resilience engineering - structural reliability - natural hazards - security - economic analysis in risk management Safety and Reliability – Safe Societies in a Changing World will be invaluable to academics and professionals working in a wide range of industrial and governmental sectors: offshore oil and gas, nuclear engineering, aeronautics and aerospace, marine transport and engineering, railways, road transport, automotive engineering, civil engineering, critical infrastructures, electrical and electronic engineering, energy production and distribution, environmental engineering, information technology and

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telecommunications, insurance and finance, manufacturing, marine transport, mechanical engineering, security and protection, and policy making.

Concise, Authoritative Answers on Every Aspect of Inpatient and Outpatient Care! Includes free access to CMDT online, a \$79(U.S.) value! Now celebrating 45 years, CMDT delivers authoritative, timely coverage of more than 1,000 common diseases and disorders along with a clear synopsis of treatment and diagnosis. Utilizing a "find it now" format and made even more accessible by a detailed index, CMDT covers almost every aspect of general medicine with an emphasis on practical clinical diagnosis and patient management. Within its pages, readers will find a meticulous presentation of every major primary care topic, including: gynecology, ophthalmology, psychiatry, neurology, obstetrics, dermatology, otolaryngology, toxicology, and urology -- all from one of the world's most respected editorial boards.

This classic textbook aims to assist clinicians develop the consultation skills required to elicit a clear history, and the practical skills needed to detect clinical signs of disease. Where possible, the physical basis of clinical signs is explained to aid understanding. Formulation of a differential diagnosis from the information gained is introduced, and the logical initial investigations are included for each system. The first part of the book addresses the general principles of good interaction with patients, from the basics of taking a history and examining, to the use of pattern recognition to identify spot diagnoses. The second part documents the relevant history, examination and investigations for all the major body systems. The third part illustrates the application of these skills to specific clinical situations. The final part covers preparation for assessments of clinical skills and the use of these skills in everyday practice. The book has accompanying videos demonstrating many of the key clinical examination

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routines as set out in the book. A new editorial team has undertaken a substantial review of the book's contents and with the help of many new authors has radically revised the order and approach of the text. Several new chapters have been created including a chapter on patients with mental disorders; a chapter covering the approach to a deteriorating patient; a chapter on assessment of patients towards the end of life and two new chapters on applying the key clinical skills during assessments and in practice. The structure of the text has been rationalised with careful use of boxes, tables and figures to set out the concepts for maximum clarity.

For over half a century Davidson's Principles and Practice of Medicine has informed and educated students, doctors and other health professionals all over the world, providing a comprehensive account of the practice of medicine. Davidson's Essentials of Medicine provides the core content of the main textbook in a condensed format which will be invaluable whenever you are on the move – whether commuting, travelling between training sites, or on electives. This book provides a distillation of the core information required for clinical studies in medicine. While retaining the acclaimed readability of the main textbook it presents the key information in a format more appropriate for practical clinical work. The contents have been carefully selected by a team of junior doctors, emphasising only the topics that will be essential for clinical studies. The book includes additional chapters of content to aid clinical practice including a practically-focussed chapter on therapeutics and a useful guide to interpreting major clinical investigations. The text draws directly on the depth and breadth of experience of the Davidson's authors and its International Advisory Board. Updated to include key changes and new illustrations included in Davidson's Principles and Practice of Medicine.

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As the most common cardiac valve disease, aortic stenosis is frequently encountered by healthcare providers in clinical practice. It may be suspected from a cardiac murmur found at a routine clinical exam, signs on ECG, heart failure, or an episode of syncope or arrhythmia. Echocardiography as well as other imaging tools provide information about the degree of severity of the stenosis. Nevertheless, careful judgement of potential symptoms is crucial. When it comes to treatment, a catheter-based approach has emerged as the preferred option in many cases, even though open-chest surgery is still standard treatment. Regardless of treatment modality, a multidisciplinary team is needed to provide optimal management of patients with aortic stenosis. This book provides all the necessary information on aortic stenosis, including etiology, diagnosis, treatment, and follow-up.

There have always been homeless people in the United States, but their plight has only recently stirred widespread public reaction and concern. Part of this new recognition stems from the problem's prevalence: the number of homeless individuals, while hard to pin down exactly, is rising. In light of this, Congress asked the Institute of Medicine to find out whether existing health care programs were ignoring the homeless or delivering care to them inefficiently. This book is the report prepared by a committee of experts who examined these problems through visits to city slums and impoverished rural areas, and through an analysis of papers written by leading scholars in the field.

This illuminating and comprehensive work offers readers a thorough and detailed

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perspective of brainstem surgery as well as state-of-the-art discussion on the diagnosis and management of related pathologies. Hailing from around the globe and currently practicing in various countries in Asia, Europe, and North America, the expert authors of this work represent a wide range of disciplines and experiences, providing a comprehensive, interdisciplinary overview of brainstem surgery. Indeed, brainstem pathologies remain the most challenging to manage surgically due to the high eloquence and the deep and hidden location of the brainstem, turning surgical treatment of brainstem pathologies into one of the most complex and demanding fields in neurosurgery. This vital book guides readers through this very complex anatomical territory in which any pathology leads to grave consequences. Taking readers through the depth of the complex architecture of the brainstem in the clinical context, and emphasizing the evidence-based treatment of different brainstem pathologies while also reviewing what the future holds for the management of these pathologies, the book presents a review of state-of-the-art preoperative assessment modalities and surgical. The book covers brainstem-related pathologies from infancy to adulthood, and the text is enriched with diagnostic and surgical images that cover almost all types of brainstem lesions. The book is written in a way that neurosurgery specialists and fellows will feel comfortable navigating throughout

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its contents, and the enthusiastic neurosurgery resident will find this book to be a valuable guide. A major contribution to the clinical literature, *Brainstem Tumors: Diagnosis and Management* will also serve as a reference for anyone involved in the treatment of patients suffering from brainstem pathologies, including medical team members such as adult and pediatric neurosurgeons, neurologists, neurooncologists, residents and fellows, clinical neuropsychologists, electrophysiologists, neuroradiologists, and medical students who have a passion to learn about the assessment and surgical management of patients with brainstem diseases.

On the subject of stomach and gastric diseases, current clinical, morphological, pharmacological, biochemical as well as cellular and molecularbiological aspects will be presented. The articles of the first part of this book will discuss the normal functions of the stomach (such as motility, secretion, tissue regeneration etc.). The second part deals with pathophysiological aspects (such as inflammation, ulceration and tumor formation) and modern possibilities of treatment. The authors aim at gaining a deeper knowledge of the stomach, its physiology and pathophysiology in order to use this knowledge for the better of their patients.

Self-Assessment in Respiratory Medicine is an invaluable tool for any practitioner

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wishing to test and improve their knowledge of adult respiratory medicine. The updated, second edition includes 261 multiple-choice questions covering the full breadth of the specialty, using clinical vignettes that test not only the readers' knowledge but their ability to apply that knowledge in daily practice. The questions have been compiled and tested by the ERS adult HERMES examination committee specially for this book, making it the perfect revision aid for candidates for the European Diploma, as well as any specialists in respiratory medicine who wish to exercise and improve their skills.

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