

# Medicine Elsevier Australia

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## **Alexander's Care of the Patient in Surgery - E-Book** - Jane C.

Rothrock 2010-06-09

For more than 65 years, Alexander's Care of the Patient in Surgery has been a trusted source for detailed information on perioperative nursing. Well-known author and educator Jane C. Rothrock sets up a solid foundation for practice, and offers step-by-step instructions for over 400 surgical interventions as well as many minimally invasive surgical procedures, all backed by the latest research. More than 1,000 full-color illustrations and photos depict procedures and methods, as well as surgical anatomy and instrumentation. This edition adds Rapid Response Team boxes with suggested interventions, plus coverage of new trends in patient and staff safety, the increase in interventional radiology, and the growth of outpatient ambulatory surgery. Alexander's gives you the tools you need to provide safe, cost-effective, high-quality patient care.

## **Examination Medicine** - Nicholas Joseph Talley 2010

Includes information on: basic training requirements; the written examination; an approach to the clinical examination; the long case, the short case and examples. Talley, University of Sydney; O'Connor, Canberra Hospital, Australia.

## **Herbs & Natural Supplements** - Lesley Braun 2010

Presents evidence based information on the most popular herbs, nutrients and food supplements used across Australia and New Zealand. Organised alphabetically by common name, each herb or nutrient listed includes information such as daily intake, main actions/indications, adverse reactions, precautions, and much more.

## **Australia's Rural, Remote and Indigenous Health - eBook** - Janie Dade Smith 2016-06-05

Australia's Rural, Remote and Indigenous Health 3e is a practical guide to the delivery of health care in rural and remote Australia. Drawing on personal experiences of rural and remote practitioners, historical accounts, literature analysis and epidemiology, this frank and engaging text examines the economic, social and political forces that shape healthcare in rural and remote Australia. With limited current resources to support studies in rural and remote healthcare, this title bridges the gap by offering valuable insights into Indigenous life and social determinants of health through the use of storytelling. It is the perfect guide for anyone working in or planning to work in rural, remote or Indigenous Australia; and for those undertaking cultural studies, or social policy. Only text covering both rural and remote health in Australia Placement preparation with StudentConsult video interviews of experienced rural and remote practitioners providing first-hand experience of rural and remote practice Pause and Think questions provide a frame Pause and think question boxes train the reader to critically assess and apply concepts to practical situations. New Chapter: Working with Indigenous Australians - Written by Shannon Springer, describes how to consult with Indigenous patients and draws on his experience in clinical practice. It offers consultation signposts and practical principles for working with Indigenous Australians. New Chapter: Remote health practice - Written by Sue Lenthall, this chapter examines the differences and commonalities between the remote communities and then applies this information to a case study on 'a day in the life of a remote area nurse'. It presents a remote client consultation model and a StudentConsult audio consultation between a nurse and a distant doctor, as well as tips for working in remote practice. The audio consultation gives a first-hand account of the experience of a remote area nurse managing an emergency case. Video and audio content - video interviews of experienced rural, remote and Indigenous health practitioners as well as students. The videos contain first-hand experience of rural and remote practice as well as tips to help prepare those new to rural or remote practice.

## **Year Book of Sports Medicine 2013**, - Roy J Shephard 2013-08-14

The Year Book of Sports Medicine brings you abstracts of articles

carefully selected from more than 500 journals worldwide. Expert commentaries evaluate the clinical importance of each article and discuss its application to your practice. Editor-in-Chief Roy Shephard states: ". . . Not only does a team of top international experts select the very best articles from a bewildering plethora of recent information, but their expert critique of the individual papers allows readers to weigh their limitations and understand findings that can enhance their current medical practice." There's no faster or easier way to stay informed! Topics include Epidemiology, Prevention of Injuries, Lesions of Head and Neck; Musculoskeletal Injuries; Biomechanics, Muscle Strength, and Training; Physical Activity, Cardiorespiratory Physiology, and Immune Function; Nutrition and Doping; and Special Considerations: Children, Women, the Elderly, and Special Populations.

## **Philosophy of Medicine** - Dov M. Gabbay 2011-08-23

This volume covers a wide range of conceptual, epistemological and methodological issues in the philosophy of science raised by reflection upon medical science and practice. Several chapters examine such general meta-scientific concepts as discovery, reduction, theories and models, causal inference and scientific realism as they apply to medicine or medical science in particular. Some discuss important concepts specific to medicine (diagnosis, health, disease, brain death). A topic such as evidence, for instance, is examined at a variety of levels, from social mechanisms for guiding evidence-based reasoning such as evidence-based medicine, consensus conferences, and clinical trials, to the more abstract analysis of experimentation, inference and uncertainty. Some chapters reflect on particular domains of medicine, including psychiatry, public health, and nursing. The contributions span a broad range of detailed cases from the science and practice of medicine, as well as a broad range of intellectual approaches, from conceptual analysis to detailed examinations of particular scientific papers or historical episodes. Chapters view philosophy of medicine from quite different angles Considers substantive cases from both medical science and practice Chapters from a distinguished array of contributors

## **A Guide to Evidence-based Integrative and Complementary Medicine** - Vicki Kotsirilos 2011

A Concise Guide to Integrative and Complementary Medicine for Health Practitioners is a comprehensive textbook on the non-pharmacological treatments for common medical practice problems, with the support of current scientific evidence. Non-pharmacological approaches include advice for lifestyle and behavioural factors, mind-body medicine, stress management, dietary changes, exercise and sleep advice, nutritional and herbal medicine, acupuncture, complementary medicines and the role of sunshine that may impact on the treatment of the disease(s). Only proven therapies from current research are included, particularly from Cochrane reviews and research from systematic reviews, randomized control trials and published cohort and case studies. Instant access to evidence-based clinical information on non-pharmacological treatments including complementary medicines, for common diseases/conditions. Instant access to prevention, health promotion and lifestyle advice. Each chapter of the textbook is summarised based on scientific evidence using the NHMRC guidelines grading system One/two page, patient summary sheet at the end of each chapter. Organised by common medical presentations

## **Emergency Medicine** - Gordian W. O. Fulde 2014-01-26

The ultimate emergency medicine textbook from the renowned Professor Gordian Fulde now in a new edition. Emergency Medicine 6e presents evidence-based clinical management and treatment advice for emergency medicine students and practitioners in Australasia. The vast range of topics include paediatric, geriatric, gynaecology, psychiatric, dental, rural and Indigenous presentations, ensuring readers are well prepared for any eventuality in the Emergency Department. This outstanding text combines expertise and experience with fully up-to-date

content. It is authored by Professor Gordian Fulde, Emergency Department director at Sydney's St Vincent's Hospital, with contributions from Dr Sascha Fulde and over 60 other notable emergency medicine clinicians. Readers will gain a solid understanding of effective procedural and management skills in the ED. Practical tips relate to: patient transport and retrieval; seriously ill patients; advanced nursing roles; general practitioners; working with IT; administration, legal matters, governance and quality care; and interns and students in the emergency department. The ideal complement to hands-on emergency medicine training, this new edition of *Emergency Medicine* also prepares readers to apply key emergency medicine skills to unique incidents such as mass casualty and chemical, biological and radiological hazard contingencies. Topics included in this edition of *Emergency Medicine* include: • securing the airway • resuscitation • arrhythmia management • pain management • imaging • dermatology • trauma • poisoning • envenomation • overdose Coverage of important controversies with evidence based recommendations. Editor comments contained in relevant chapters to provide clinical tips and advice for practice. Increased coverage of topical issues such as deep vein thrombosis (economy class syndrome) and street drugs. Practical rapid reference appendix. Detailed glossary and index. The Quick Reference Guide is updated and included in this book. It is also made available as an app Updating all chapters - particularly toxicology, IT, Paediatrics New resuscitation guidelines - Cardiopulmonary Resuscitation; External Automated Defibrillation in BLS; Compressions; Breathing; Airway; Unconsciousness; Priorities in an Emergency; Principles and Format for Developing Guidelines (all revised 12/2010 following ILCOR) More comprehensive content for Indigenous and Rural Emergencies chapter Moderate repetition arising from so many contributors The CT Brain and C spine Rules have been added to the Quick Reference Guide.

**Textbook of Adult Emergency Medicine E-Book** - Peter Cameron  
2014-04-01

Now fully revised and updated, *Textbook of Adult Emergency Medicine* provides clear and consistent coverage of this rapidly evolving specialty. Building on the success of previous editions, it covers all the major topics that present to the trainee doctor in the emergency department. It will also prove invaluable to the range of other professionals working in this setting - including nurse specialists and paramedics - who require concise, highly practical guidance, incorporating latest best practices and current guidelines. For the first time, this edition now comes with access to additional ancillary material, including practical procedure videos and self-assessment material. Updates throughout reflect latest practice developments, curricula requirements and essential guidelines Key point boxes highlight topic 'essentials' as well as controversial areas of treatment An expanded list of leading international contributors ensures comprehensive coverage and maximizes worldwide relevance New and enhanced coverage of important and topical areas - including latest imaging in emergency medicine; organ donation; massive transfusion protocols; medico legal issues; patient safety and quality measures All new accompanying electronic ancillary material, including procedure videos and self-assessment materials to check your understanding and aid exam preparation Expansion of administration section - especially patient safety New and enhanced coverage of important and topical areas - including latest imaging in emergency medicine; organ donation; massive transfusion protocols; medico legal issues; patient safety and quality measures All new accompanying electronic ancillary materials - including practical procedures videos and self-assessment materials

**Evidence-Based Practice Across the Health Professions** - Tammy Hoffmann  
2013-04-15

An expanded and revised new E-book edition of the respected evidence-based practice (EBP) foundation text. *Evidence-based Practice across the Health Professions, 2nd Edition E-book* provides health professions students with the basic knowledge and skills necessary to become evidence-based clinicians. Years after its 2009 publication, *Evidence-based Practice across the Health Professions* remains one of the few truly multidisciplinary evidence-based practice textbooks meeting the needs of undergraduate and postgraduate students enrolled in inter-professional courses. Fully revised and expanded, the second edition of this key health textbook picks up where the first left off: demystifying the practice of finding and using evidence to inform decision-making across a range of professions and roles within the healthcare sector. *Evidence-based Practice across the Health Professions, 2nd Edition E-book* covers an additional three health disciplines - now totalling 12 - and features a new chapter on the important role of organisations in promoting

evidence-based practice. Additional new content includes a greater emphasis on reflection, new clinical scenarios and additional examples of systematic reviews. The authors' focused, user-friendly approach helps students understand the importance and implications of evidence-based practice, and addresses the growing importance of collaborative practice and the reality of multidisciplinary health teams in the overall healthcare environment. Worked examples of a wide range of case scenarios and appraised papers (some are discipline-specific and others are multidisciplinary). Designed to be used by students from a wide range of health professions, thus facilitating the student's ability to understand the needs of multi-disciplinary health-care teams in a real-life setting. Includes a detailed chapter on implementing evidence into practice and other topics that are not typically addressed in other texts, such as a chapter about how to communicate evidence to clients and another that discusses the role of clinical reasoning in evidence-based practice. Summary points at the end of each chapter. Supported by an Evolve resource package that contains revision questions that utilize a range of question formats. Three new health disciplines covered - human movement & exercise science, pharmacy and paramedicine - with new clinical scenarios. New chapter - Embedding evidence-based practice into routine clinical care. Elsevier's Evolve - an expanded suite of online assets to provide additional teaching and student resources. New examples of appraising and using systematic reviews of qualitative evidence (meta-synthesis). Nine new contributors including paramedicine, CAMS, qualitative EBP and nursing. New larger format and internal design.

*Systems Medicine* - 2020-08-24

Technological advances in generated molecular and cell biological data are transforming biomedical research. Sequencing, multi-omics and imaging technologies are likely to have deep impact on the future of medical practice. In parallel to technological developments, methodologies to gather, integrate, visualize and analyze heterogeneous and large-scale data sets are needed to develop new approaches for diagnosis, prognosis and therapy. *Systems Medicine: Integrative, Qualitative and Computational Approaches* is an innovative, interdisciplinary and integrative approach that extends the concept of systems biology and the unprecedented insights that computational methods and mathematical modeling offer of the interactions and network behavior of complex biological systems, to novel clinically relevant applications for the design of more successful prognostic, diagnostic and therapeutic approaches. This 3 volume work features 132 entries from renowned experts in the fields and covers the tools, methods, algorithms and data analysis workflows used for integrating and analyzing multi-dimensional data routinely generated in clinical settings with the aim of providing medical practitioners with robust clinical decision support systems. Importantly the work delves into the applications of systems medicine in areas such as tumor systems biology, metabolic and cardiovascular diseases as well as immunology and infectious diseases amongst others. This is a fundamental resource for biomedical students and researchers as well as medical practitioners who need to need to adopt advances in computational tools and methods into the clinical practice. Encyclopedic coverage: 'one-stop' resource for access to information written by world-leading scholars in the field of Systems Biology and Systems Medicine, with easy cross-referencing of related articles to promote understanding and further research Authoritative: the whole work is authored and edited by recognized experts in the field, with a range of different expertise, ensuring a high quality standard Digitally innovative: Hyperlinked references and further readings, cross-references and diagrams/images will allow readers to easily navigate a wealth of information

**Advanced Clinical Naturopathic Medicine** - Leah Hechtman  
2020-06-01

*Advanced Clinical Naturopathic Medicine* engages the reader and evolves their knowledge and understanding from the fundamental *Clinical Naturopathic Medicine* to a more specialised focus. Written by Leah Hechtman, it concentrates on advanced topics commonly encountered in clinical practice, including new advancements and cutting-edge research, as well as foundational aspects of clinical practice. This new title showcases how transformative and effective naturopathy is and offers insight into the depth of naturopathic practice and its vital role in the healthcare system. With the profession constantly evolving and naturopathy more-often incorporated into specialty practices, this publication is a timely resource to guide clinicians and students through complicated areas of expertise and specialisation while keeping the primary principle of patient-centred care at the forefront of

the reader's mind. Systematic text structure to support reader engagement that follows on from the Clinical Naturopathic Medicine format Integrative naturopathic treatments for all complex conditions and topics Detailed and extensively referenced interaction tables for nutritional (supplemental and dietary) and herbal medicines, plus pharmaceutical medications Rigorously researched from the latest scientific papers and historical texts Skilfully bridges foundational traditional principles and practice of naturopathy with evidence-based medicine to assist readers with their integration into the current healthcare system Enhanced eBook version included with purchase

**Statistics in Medicine** - Robert H. Riffenburgh 2006

Medicine deals with treatments that work often but not always, so treatment success must be based on probability. Statistical methods lift medical research from the anecdotal to measured levels of probability. This book presents the common statistical methods used in 90% of medical research, along with the underlying basics, in two parts: a textbook section for use by students in health care training programs, e.g., medical schools or residency training, and a reference section for use by practicing clinicians in reading medical literature and performing their own research. The book does not require a significant level of mathematical knowledge and couches the methods in multiple examples drawn from clinical medicine, giving it applicable context. Easy-to-follow format incorporates medical examples, step-by-step methods, and check yourself exercises Two-part design features course material and a professional reference section Chapter summaries provide a review of formulas, method algorithms, and check lists Companion site links to statistical databases that can be downloaded and used to perform the exercises from the book and practice statistical methods New in this Edition: New chapters on: multifactor tests on means of continuous data, equivalence testing, and advanced methods New topics include: trial randomization, treatment ethics in medical research, imputation of missing data, and making evidence-based medical decisions Updated database coverage and additional exercises Expanded coverage of numbers needed to treat and to benefit, and regression analysis including stepwise regression and Cox regression Thorough discussion on required sample size

**Travel Medicine E-Book** - Jay S. Keystone 2018-11-22

Includes new chapters to assist your care of specific populations such as those engaging in ecotourism or military travel, as well as the VIP traveler. A new chapter on pre-travel considerations for non-vaccine preventable travel infections has also been added. Provides new information on new influenza and shingles vaccines, microbiome and drug resistance, Zika and the pregnant or breastfeeding traveler, the Viagra effect and increase in STIs, refugees and immigrants, and much more. Covers new methods of prevention of dengue virus, Zika virus, chikungunya virus, Middle Eastern respiratory syndrome, sleeping sickness, and avian flu. New illustrations and numerous new tables and boxes provide visual guidance and make reference quick and easy. Helps you prepare for the travel medicine examination with convenient cross references to the ISTM "body of knowledge" in specific chapters and/or passages in the book. Keeps you updated on remote destinations and the unique perils they present.

**Goldman-Cecil Medicine E-Book** - Lee Goldman 2019-08-16

To be the best doctor you can be, you need the best information. For more than 90 years, what is now called Goldman-Cecil Medicine has been the authoritative source for internal medicine and the care of adult patients. Every chapter is written by acclaimed experts who, with the oversight of our editors, provide definitive, unbiased advice on the diagnosis and treatment of thousands of common and uncommon conditions, always guided by an understanding of the epidemiology and pathobiology, as well as the latest medical literature. But Goldman-Cecil Medicine is not just a textbook. Throughout the lifetime of each edition, periodic updates continually include the newest information from a wide range of journals. Furthermore, Goldman-Cecil Medicine is available for all users of ClinicalKey, Elsevier's full library of subspecialty textbooks that can be accessed by readers who may want even more in-depth information. More than 400 chapters authored by a veritable "Who's Who" of modern medicine A practical, templated organization with an emphasis on evidence-based references Thousands of algorithms, figures, and tables that make its information readily accessible Supplemented by over 1500 board-style questions and answers to help you prepare for certification and recertification examinations

**Large Animal Internal Medicine - E-Book** - Bradford P. Smith 2008-06-02

Large Animal Internal Medicine, 4th Edition features a problem-based approach with discussions of over 150 clinical signs. This is the first

internal medicine reference that enables you to efficiently diagnose horses, cattle, sheep, and goats based on clinical observation and laboratory and diagnostic testing. With this user-friendly format, you can find essential information about specific diseases and reach a diagnosis by simply identifying the signs. A unique problem-based approach with discussions of over 150 clinical signs and manifestations helps you quickly reach a diagnosis based on observations and laboratory tests. Causes of Presenting Signs boxes provide easy access to complete lists of common, less common, and uncommon diseases associated with manifestations or signs of disease. Complete lists of diseases associated with a given lab abnormality in Causes of Abnormal Laboratory Values boxes help you easily interpret abnormalities in clinical chemistry, hematology, blood proteins, and clotting tests. An expert team of over 180 authors contributing information in their areas of expertise ensures you are using the most accurate and up-to-date information available. Color plates accompanying Diseases of the Eye and Diseases of the Alimentary Tract enable you to visually recognize the clinical appearance of ophthalmologic conditions and alimentary tract disorders for quick and easy diagnosis and treatment. Six all-new chapters provide in-depth coverage of diagnostic testing, critical care and fluid therapy, biosecurity and infection control, and genetic disorders.

**Molecular Medicine** - R. Trent 2012-08-17

Molecular Medicine is the application of genetic or DNA-based knowledge to the modern practice of medicine. Molecular Medicine, 4e, provides contemporary insights into how the genetic revolution is influencing medical thinking and practice. The new edition includes recent changes in personalized medicine, new growth in omics and direct-to-consumer DNA testing, while focusing on advances in the Human Genome project and implications of the advances in clinical medicine. Graduate students, researchers, clinicians and allied health professionals will appreciate the background history and clinical application of up-to-date molecular advances. Extensively revised to incorporate the results of the Human Genome Project, it provides the latest developments in molecular medicine The only book in Molecular Medicine to reach its fourth edition Identifies current practice as well as future developments Presents extensive tables, well presented figures and resources for further understanding

**The Foundations of Chinese Medicine** - Giovanni Maciocia 2015-07-13

This highly successful textbook covers the basic theory of traditional Chinese medicine and acupuncture, and discusses in detail the use of acupuncture points and the principles of treatment. The material is based on rigorous reference to ancient and modern Chinese texts, and explains the application of theory in the context of Western clinical practice. The new edition features new and updated material plus an accompanying website containing over 650 self-testing questions in a variety of formats. "For the student or practitioner of Chinese medicine this is a definitive text book." Reviewed by Jim Young on behalf of glycosmedia.com, Aug 2015 25th Anniversary edition of the Western world's best-selling book on Chinese medicine! Logical, sequential organization builds from basic theoretical concepts, through functions of individual organs, diagnosis, pathology, pattern recognition & disease categories, and the appropriate use of acupuncture points Clearly explains the theory and practice of Chinese Medicine to Western medical audiences Based on a unique and invaluable combination of extensive clinical experience in the West, current Chinese Medicine textbooks and ancient sources, in particular, the 'Yellow Emperor's Classic of Internal Medicine' (Nei Jing) and the 'Classic of Difficulties' (Nan Jing) Includes Pinyin equivalents to make it immediately evident which original term is being translated Abundantly illustrated with over 750 line drawings and more than 1000 tables & boxes designed to emphasize the key facts End of chapter Learning Outcomes point out 'must-know' information Cases Studies and Case Histories apply theory to diagnosis and treatment, bringing the subject to life in a realistic context An extensive Glossary explains new terms and their origins from translation Additional Appendices list Prescriptions, Bibliography and Chinese Chronology Authored by Giovanni Maciocia, one of the Western world's leading subject matter experts An accompanying EVOLVE website provides over 650 self-testing questions and answers to help readers check their understanding of frequently complex information New Case Histories help 'bring the subject to life' Expanded subject area coverage including new clinical guidelines and additional acupuncture point combinations Contains further analysis of acupuncture point actions Innovative guidelines aid students learning Chinese Medicine patterns

**Critical Care Nursing** - Leanne Aitken 2019-08-19

Endorsed by the Australian College of Critical Care Nurses (ACCCN) ACCCN is the peak professional organisation representing critical care nurses in Australia Written by leading critical care nursing clinicians, Leanne Aitken, Andrea Marshall and Wendy Chaboyer, the 4th edition of Critical Care Nursing continues to encourage and challenge critical care nurses and students to develop world-class practice and ensure the delivery of the highest quality care. The text addresses all aspects of critical care nursing and is divided into three sections: scope of practice, core components and specialty practice, providing the most recent research, data, procedures and guidelines from expert local and international critical care nursing academics and clinicians. Alongside its strong focus on critical care nursing practice within Australia and New Zealand, the 4th edition brings a stronger emphasis on international practice and expertise to ensure students and clinicians have access to the most contemporary practice insights from around the world. Increased emphasis on practice tips to help nurses care for patients within critical care Updated case studies, research vignettes and learning activities to support further learning Highlights the role of the critical care nurse within a multidisciplinary environment and how they work together Additional resources on Evolve An eBook on VitalSource Instructor resources Case Study suggested responses Learning Activity suggested responses Additional Case Study answers Image collection, including tables Student resources Additional Case Studies Weblinks Increased global considerations relevant to international context of critical care nursing alongside its key focus within the ANZ context Aligned to update NMBA RN Standards for Practice and NSQHS Standards An eBook included in all print purchases

**Lifestyle Medicine** - Garry Egger 2017-03-18

Lifestyle Medicine: Lifestyle, the Environment and Preventive Medicine in Health and Disease, Third Edition, is an adjunct approach to health practice that seeks to deal with the more complex modern determinants of chronic diseases—primarily lifestyle and the environments driving such lifestyles—in contrast to the microbial ‘causes’ of infectious disease. Our lifestyle choices have a profound effect on our health. As we live longer, one thing is clear: many of us will spend time living with injury and chronic illness due to our own choices. Changes in health patterns typically follow shifts in living conditions. Disease patterns have changed worldwide, from infectious to chronic diseases such as obesity, diabetes, and heart disease. This change has been so emphatic—nearly 70% of all presentations to a doctor in modern western societies are now chronic disease related—that medical services are being forced to change to accommodate this. New chapters in this third edition explain the link between energy intake and expenditure; consider how modern technology are determinants of chronic disease; show how environmental influences, such as endocrine disruptors, influence our health; and summarize recent research on early childhood experiences and chronic disease. Explores the relationship between lifestyle and environmental drivers and the major modern chronic diseases Outlines the knowledge and skills bases required by health professionals to deal with lifestyle and environmental determinants of chronic disease, as well as the tools and procedures available for doing this Develops pedagogy for Lifestyle Medicine that will enable it to become a practical adjunct to conventional health and medical practice Features new chapters explaining the link between energy intake and expenditure, and more

**Cases in Pre-Hospital and Retrieval Medicine** - Daniel Ellis 2009

This book focuses on the principles of PHC and Retrieval medicine and the continuum of care of the critically injured trauma patient in the field. It is case based and uses real pre-hospital and retrieval situations, presented in question format followed by an extensive discussion highlighting key areas of the specialty. the questions and answers are each 3 4 pages in length and most are accompanied by a photo from author archives/real events. the questions have been divided into those with a predominantly pre-hospital theme and those based around retrieval medicine. A third section covers ser

**Pediatric Respiratory Medicine** - Lynn Max Taussig 2008-01-01

This user-friendly text presents current scientific information, diagnostic approaches, and management strategies for the care of children with acute and chronic respiratory diseases. A consistent chapter format enables rapid and effortless location of the most current protocols on manifestations, etiologies, triggers, approaches to treatment, complications, and preventative strategies. Includes guidance on differential diagnosis to help determine which disease or condition the patient may have. Uses extensive color-coded algorithms to facilitate quick diagnosis, management, and treatment decisions. Provides the latest scientific information and diagnostic and management strategies

for the care of children with respiratory illnesses. Presents cutting-edge coverage with new information on the biology of, and the influences on, the respiratory system during childhood, as well as the diagnosis and management of both common (ie, wheezing infant, cystic fibrosis, tuberculosis) and.

**The Australian Medico-Legal Handbook with PDA Software** - Cameron Stewart 2007-11-12

The Australian Medico-Legal Handbook will be provided with PDA software and aims to give JMOs immediate, clear and concise answers to the most frequently asked legal questions arising during hospital training. Doctors carry very little when they are in the ward but are increasingly carrying PDAs, making the accompanying software an ideal content delivery method. The handbook and accompanying PDA software is the only one of its kind offered to Australian JMOs. Content development is based around the authors' research through ongoing focus groups into the most commonly asked questions by the end user, that is, JMOs in the hospital training environment. Law updates and other relevant materials (including guidelines and links to relevant Health Department documents) will be provided on the accompanying Evolve site. Written by a proven author team, each an expert in the medico-legal and/or ethical fields. Clinical problems will be outlined with cross-referencing to the appropriate sections of the handbook. These questions will be posed in the style and format used by clinicians, for example: 'What if I get sued?' 'What do I do if someone refuses treatment?' 'What deaths do I refer to the Coroner?' 'What if I make a mistake?' 'Who makes decisions about a child's treatment?'

**Artificial Intelligence in Medicine** - David Riaño 2019-06-19

This book constitutes the refereed proceedings of the 17th Conference on Artificial Intelligence in Medicine, AIME 2019, held in Poznan, Poland, in June 2019. The 22 revised full and 31 short papers presented were carefully reviewed and selected from 134 submissions. The papers are organized in the following topical sections: deep learning; simulation; knowledge representation; probabilistic models; behavior monitoring; clustering, natural language processing, and decision support; feature selection; image processing; general machine learning; and unsupervised learning.

**Translational Medicine: Tools And Techniques** - Aamir Shahzad 2015-11-24

Translational Medicine: Tools and Techniques provides a standardized path from basic research to the clinic and brings together various policy and practice issues to simplify the broad interdisciplinary field. With discussions from academic and industry leaders at international institutions who have successfully implemented translational medicine techniques and tools in various settings, readers will be guided through implementation strategies relevant to their own needs and institutions. The book also addresses regulatory processes in USA, EU, Japan and China. By providing details on omics sciences techniques, biomarkers, data mining and management approaches, case reports from industry, and tools to assess the value of different technologies and techniques, this book is the first to provide a user-friendly go-to guide for key opinion leaders (KOLs), industry administrators, faculty members, clinicians, researchers, and students interested in translational medicine. Includes detailed and standardized information about the techniques and tools used in translational medicine Provides specific industry case scenarios Explains how to use translational medicine tools and techniques to plan and improve infrastructures and capabilities while reducing cost and optimizing resources

**Clinical Examination** - Nicholas J Talley 2013-12-09

A bestselling title for over 25 years, the updated seventh edition of Talley and O'Connor's Clinical Examination is an essential read for all student clinicians. Fully updated with the latest clinical data, including specially commissioned research, Clinical Examination addresses the core principles and clinical skills that underpin diagnosis for safe, effective medical practice. Clinical Examination: A systematic guide to physical diagnosis, 7th edition breaks down each body system into a logical framework focusing on the history, clinical examination and correlation between physical signs and disease for each system. Helping students to navigate from first impressions through to the end of consultation, the text provides a patient-centred, evidence-based approach, making it the definitive resource for anyone embarking upon a medical career. Building on the strengths of previous editions, Clinical Examination 7th edition, also includes via Student Consult: OSCE based scenario videos to assist with examination preparation ECG case studies Imaging library (X-Rays, MRIs and CT Scans) Please note Student Consult access is only available with purchase of a print copy. Also available for separate

purchase to enrich your learning experience: An interactive enhanced eBook containing all content from this edition plus 4 additional chapters covering history and examination of Gynaecology, Obstetrics, Neonatology and Paediatrics, OSCE videos, ECG case studies, an imaging library and MCQs. Purchase can be made via Inkling ([www.inkling.com](http://www.inkling.com)) A standard eBook containing content from the print edition plus 4 additional chapters covering history and examination of Gynaecology, Obstetrics, Neonatology and Paediatrics. Please note that Student Consult access is NOT available with an eBook purchase.

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[Patient Centered Care in Medical Imaging and Radiotherapy](#) - Aarthi Ramlal 2013-03-26

Health investigation and treatment have moved from a clinician-centred approach to a patient-centred approach during the past few decades. Patients are now rightly regarded as empowered and informed users of health services, not passive recipients. Motivated by this philosophical shift, this new book identifies the key issues underpinning the complete delivery of 'good' patient care and considers their application in the medical radiation sciences. Taking a UK/European perspective, the authors examine how a holistic approach is related to legislation, human rights and perceived patient needs. Medical imaging and radiotherapy are front line services experienced by vast numbers of patients with acute and chronic medical conditions, including trauma and cancer. The book includes coverage of behavioural science and health psychology together with practical applications such as safe manual handling, infection control and radiation safety. This provides the reader with a comprehensive understanding of what contributes to the patient's experience in diagnostic imaging and radiotherapy. It also considers other aspects of the patient experience, such as inter-professional team working, disability, communication, clinical procedures and practice.

**Problem-based Feline Medicine** - Jacque Rand 2006-01-01

This focused resource covers all medical conditions that affect cats. Using a unique problem-based approach, it provides essential information for assessing presenting symptoms, reaching a differential diagnosis, and selecting the appropriate course of treatment for feline patients. A consistent format makes it easy to find information related to key signs and possible causative factors (graded to indicate how common each is), diagnosis, differential diagnosis (including tests where appropriate), treatment, prognosis, and prevention (where applicable) for each clinical condition. Unique problem-based approach discusses how to make a problem-based diagnosis. Concise, logical format makes this resource ideal for quick reference in the clinical setting. Covers every condition likely to be encountered in cats worldwide. Features a strong international contributor list of feline experts from North America, UK, Europe, and Australia A comprehensive drug formulary lists all drug treatments available for cats. A separate chapter on drugs in cats lists the problems veterinarians might encounter due to differences in feline metabolism.

[Intelligence-Based Medicine](#) - Anthony C. Chang 2020-07-08

*Intelligence-Based Medicine: Data Science, Artificial Intelligence, and Human Cognition in Clinical Medicine and Healthcare* provides a multidisciplinary and comprehensive survey of artificial intelligence concepts and methodologies with real life applications in healthcare and medicine. Authored by a senior physician-data scientist, the book presents an intellectual and academic interface between the medical and the data science domains that is symmetric and balanced. The content consists of basic concepts of artificial intelligence and its real-life applications in a myriad of medical areas as well as medical and surgical subspecialties. It brings section summaries to emphasize key concepts delineated in each section; mini-topics authored by world-renowned experts in the respective key areas for their personal perspective; and a compendium of practical resources, such as glossary, references, best

articles, and top companies. The goal of the book is to inspire clinicians to embrace the artificial intelligence methodologies as well as to educate data scientists about the medical ecosystem, in order to create a transformational paradigm for healthcare and medicine by using this emerging new technology. Covers a wide range of relevant topics from cloud computing, intelligent agents, to deep reinforcement learning and internet of everything Presents the concepts of artificial intelligence and its applications in an easy-to-understand format accessible to clinicians and data scientists Discusses how artificial intelligence can be utilized in a myriad of subspecialties and imagined of the future Delineates the necessary elements for successful implementation of artificial intelligence in medicine and healthcare

*Medical Terminology Online with Elsevier Adaptive Learning for the Language of Medicine (Access Code and Textbook Package)* - Davi-Ellen Chabner 2020-03

**Evidence-based Medicine** - Sharon E. Straus 2005

The accompanying CD-ROM contains clinical examples, critical appraisals and background papers.

[Understanding the Australian Health Care System](#) - Eileen Willis 2016-04-14

In this third edition of *Understanding the Australian Health Care System*, authors Eileen Willis, Louise Reynolds and Helen Keleher introduce the reader to the key issues and theoretical concepts that provide insight into the way the Australian health care system is organised and how policy change impacts the health care profession. The third edition has been comprehensively revised, but continues to focus on the role and function of the health professional working within the Australian health care system. Fifteen health disciplines are considered in this new edition, with an emphasis on interprofessional practice and the social determinants of health. New chapters on workers' compensation systems, oral health and dental services, clinical exercise physiology and pharmacy Significantly expanded glossary Up-to-date information on the most recent Australian health reforms Case studies on all of the major health care professions in Australia, including nurses, midwives, speech pathologists, audiologists, health managers, paramedics, social workers, dietitians, doctors (GPs), occupational therapists, physiotherapists, dentists and oral therapists, exercise physiologists, pharmacists and homeopaths A suite of video interviews with multidiscipline practitioners and thought leaders exploring aspects of Australian health care, theories and challenges now and for the future.

**Advances in Radiation Oncology** - Jeffrey Y.C. Wong 2017-04-20

This book concisely reviews important advances in radiation oncology, providing practicing radiation oncologists with a fundamental understanding of each topic and an appreciation of its significance for the future of radiation oncology. It explores in detail the impact of newer imaging modalities, such as multiparametric magnetic resonance imaging (MRI) and positron emission tomography (PET) using fluorodeoxyglucose (FDG) and other novel agents, which deliver improved visualization of the physiologic and phenotypic features of a given cancer, helping oncologists to provide more targeted radiotherapy and assess the response. Due consideration is also given to how advanced technologies for radiation therapy delivery have created new treatment options for patients with localized and metastatic disease, highlighting the increasingly important role of image-guided radiotherapy in treating systemic and oligometastatic disease. Further topics include the potential value of radiotherapy in enhancing immunotherapy thanks to the broader immune-stimulatory effects, how cancer stem cells and the tumor microenvironment influence response, and the application of mathematical and systems biology methods to radiotherapy.

**Urgent Care Medicine Secrets E-Book** - Robert P. Olympia 2017-08-04

For more than 30 years, the highly regarded Secrets Series® has provided students and practitioners in all areas of health care with concise, focused, and engaging resources for quick reference and exam review. *Urgent Care Secrets*, a new volume in this bestselling series, features the Secrets' popular question-and-answer format that also includes lists, tables, and an easy-to-read style - making reference and review quick, easy, and enjoyable. The proven Secrets® format gives you the most return for your time - concise, easy to read, engaging, and highly effective. Provides an evidence-based approach to medical and traumatic complaints presenting to urgent care centers, focusing on presenting signs and symptoms, differential diagnosis, office management, and when to refer for higher level of care. Covers the full

range of essential topics for understanding today's practice of urgent care - essential information for physicians, nurse practitioners, and physician assistants. Clear illustrations, figures, and flow diagrams expedite reference and review. Top 100 Secrets and Key Points boxes provide a fast overview of the secrets you must know for success in practice and on exams.

**Mosby's Complementary & Alternative Medicine** - Lynda W. Freeman 2004

Offers a comprehensive overview of complementary and alternative medicine, discussing the history, philosophy, and mechanisms of alternative treatments and providing information on alternative and complementary treatments for a variety of conditions.

**Naturopathic Physical Medicine** - Leon Chaitow 2008-05-30

NATUROPATHIC PHYSICAL MEDICINE provides a philosophical naturopathic perspective, as well as practical clinical applications, for manual and physical approaches to health care. A wide range of bodywork and movement approaches and modalities are evaluated in relation to their ability to be appropriately used in naturopathic treatment and rehabilitation settings. The model of care emphasised in this text recognizes that naturopathically oriented therapeutic interventions usually focus on achieving one or all of the following: enhancement of function so that the person, system or part, can better self-regulate in response to adaptive demands; modification or removal of adaptive load factors; and symptomatic relief without creation of significant additional adaptive changes.

**Essentials of Internal Medicine - eBook** - Nicholas J. Talley 2020-10-15

Written by Nicholas J Talley, Simon O'Connor and Brad Frankum, this engaging and instructive text provides practical pathways to diagnosis and up-to-date strategies for implementing evidence-based treatments for prevalent conditions. Learn how to: identify what is clinically important understand and investigate disease create an effective strategy for treatment use technological diagnostic tools. This new edition of Essentials of Internal Medicine 4e describes established and trusted diagnostic techniques to equip students and trainees with the skills to succeed in their profession. The visually dynamic text offers a framework of knowledge covering core facts and addressing difficult-to-master topics such as: holistic approach to patient treatment the importance of diagnosis the physician's role in public health the physician as scholar. Contributions from expert clinicians leading the advancement of medicine globally Need-to-know 'clinical pearls' throughout each chapter Memory jog lists and tables Multiple choice questions with end-of-chapter answers and extensive explanations Enhanced eBook version included with purchase

**Kumar and Clark's Clinical Medicine E-Book** - Adam Feather 2020-06-19

Edited by Adam Feather, MBBS, FRCP, FAcadMED; David Randall, MA, MRCP; and Mona Waterhouse, MA, MRCP Contributors comprise consultants at the top of their fields, paired with younger doctors closer to the exam experience, to ensure authority and relevance. Enhanced e-book accompanies the print book, for ease of transportation and use on the move. International Advisory Board, led by Professor Janaka de Silva and Professor Senaka Rajapakse, providing guidance for global coverage

from across the world. Contributions to the e-book by members of the International Advisory Board to amplify areas of clinical importance in their parts of the world.

**Clinical Naturopathic Medicine** - Leah Hechtman 2012

Clinical Naturopathic Medicine is a foundation clinical text integrating the holistic traditional principles of naturopathic philosophy with the scientific rigour of evidence-based medicine (EBM) to support contemporary practices and principles. The text addresses all systems of the body and their related common conditions, with clear, accessible directions outlining how a practitioner can understand health from a naturopathic perspective and apply naturopathic medicines to treat patients individually. These treatments include herbal medicine, nutritional medicine and lifestyle recommendations. All chapters are structured by system and then by condition, so readers are easily able to navigate the content by chapter and heading structure. The content is designed for naturopathic practitioners and students (both undergraduate and postgraduate levels) and for medical and allied health professionals with an interest in integrative naturopathic medicine. detailed coverage of naturopathic treatments provides readers with a solid understanding of the major therapeutic modalities used within naturopathic medicine each system is reviewed from both naturopathic and mainstream medical perspectives to correlate the variations and synergies of treatment only clinically efficacious and evidence-based treatments have been included information is rigorously researched (over 7500 references) from both traditional texts and recent research papers the content skilfully bridges traditional practice and EBM to support confident practitioners within the current health care system

**Network Pharmacology** - Shao Li 2021-09-29

This book introduces "network pharmacology" as an emerging frontier subject of systematic drug research in the era of artificial intelligence and big data. Network Pharmacology is an original subject of fusion system biology, bioinformatics, network science and other related disciplines. It emphasizes on starting from the overall perspective of the system level and biological networks, the analysis of the laws of molecular association between drugs and their treatment objects, reveals the systematic pharmacological mechanisms of drugs, and guides the research and development of new drugs and clinical diagnosis and treatment. After it was proposed, network pharmacology has been paid attention by researchers, and it has been rapidly developed and widely used. In order to systematically reveal the biological basis of diagnosis and treatment in traditional Chinese medicine and modern medicine, we proposed a new concept of "network target" for the first time, which has become the core theory of "network pharmacology". The core principle of a network target is to construct a biological network that can be used to decipher complex diseases. The network is then used as the therapeutic target, to which multicomponent remedies are applied. This book mainly includes four parts: 1) The concept and theory of network pharmacology; 2) Common analysis methods, databases and software in network pharmacological research; 3) Typical cases of traditional Chinese medicine modernization and modern drug research based on network pharmacology; 4) Network pharmacology practice process based on drugs and diseases.