[PDF] Clinical Care Conundrums Challenging Diagnoses In Hospital Medicine

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Clinical Care Conundrums-Challenging Diagnoses In Hospital Medicine
James C. Pile 2013-02-26
Introducing the first evidence-based casebook for hospital clinicians This book introduces illustrated, evidence-based clinical cases drawn from real-world hospital practice. Geared to the needs of hospital
Clinicians, Clinical Care Conundrums: Challenging Diagnoses in Hospital Medicine focuses on sharpening clinical reasoning and diagnostic skills, giving readers the tools to recognize and diagnose a wide array of diseases, while promoting diagnostic safety in hospital medicine. Written by leading experts on the topics under discussion, this volume offers a hand-picked collection of case studies from the widely popular Clinical Care Conundrum (CCC) series found in the Journal of Hospital Medicine. Each chapter presents a case to an expert clinician, who explains his or her approach to diagnosing challenging medical dilemmas. Each chapter concludes with a concise review of recent literature and, if applicable, with discussions of cognitive errors that may impact clinical diagnosis and patient care. Readers will find: An appealing presentation style that combines high-quality images and text Coverage of both common conditions and uncommon but important diseases encountered in the hospital setting A look at the state of the art of clinical reasoning, an area of critical interest to clinicians Practical "pearls" for each case study that readers can apply in their own practice Clinical Care Conundrums is an indispensable reference for hospitalists, hospital-based physicians and midlevel providers, physicians-in-training, and the many other medical practitioners who come up against difficult cases on a daily basis. Hospitalists' Guide to the Care of Older Patients-Brent C. Williams 2013-07-25 The first book designed specifically for hospitalists and other hospital-based staff who need concise, evidence-based guidance on the vital topic of caring for older hospitalized patients Hospitalists' Guide to the Care of Older Patients is an up-to-date, practical reference in geriatric medicine for hospitalists, as well as other physicians and nurses working in the hospital setting. The book uses numerous tables, figures, and images to highlight the areas of geriatric medicine that are most relevant to hospitalists. Written by...
nationally recognized experts, chapters broadly follow the course of hospitalization, from admission through daily care and active management of the transition to post-hospital settings, providing practical, evidence-based guidance at each point. Contents include: A systematic approach to the care of older patients, emphasizing clinical skills and daily activities that can be implemented in today's hospital environment. Techniques for effective communication with patients and their caregivers. Tools and "pearls" for quickly and accurately assessing the whole patient, including risk for in-hospital complications, function, decision-making capacity, and home support. Best practices for prevention and management of the complications of hospitalization, including delirium, falls, pressure ulcers, and hip fractures. Specific recommendations in areas with wide practice variation, such as psychopharmacology and nutrition in older hospitalized patients. Practical guidance on complex issues, such as establishing goals of care, managing patients who lack decision-making capacity, and managing the discharge transition. Methods to improve the daily work and communication of the whole hospital team, including physicians, nurses, and other healthcare providers. As the population ages, hospitalists are caring for an increasing number of older patients. This book helps hospitalists expand their knowledge, incorporate key clinical skills into daily practice, build more efficient patient care teams, and teach more effectively in today's fast-paced, complex hospital environment. Hand Hygiene - Didier Pittet 2017-05-03 The first comprehensive, authoritative review of one of the most fundamental and important issues in infection control and patient safety, hand hygiene. Developed and presented by the world's leading scholar-clinicians, Hand Hygiene is an essential resource for all medical professionals. Developed and presented by the world leaders in this fundamental topic.
integrates World Health Organization (WHO) guidelines and policies
Offers a global perspective in tackling hand hygiene issues in developed and developing countries
Coverage of basic and highly complex clinical applications of hand hygiene practices
Includes novel and unusual aspects and issues in hand hygiene such as religious and cultural aspects and patient participation
Offers guidance at the individual, institutional, and organizational levels for national and worldwide hygiene promotion campaigns
Hospital-Based Palliative Medicine-Steven Z. Pantilat
2015-01-27 "Hospital-Based Palliative Medicine: A Practical, Evidence-Based Approach focuses on improving a Hospitalist's ability to provide quality palliative care in the inpatient hospital setting. Although several large textbooks exist for the palliative care provider, there are few detailed resources aimed specifically at the general Hospitalist and hospital-based staff. Existing textbooks dedicate at most only one chapter to palliative care and

they lack the detail and specificity in symptom management and communication skills to truly guide care. Hospital-Based Palliative Medicine addresses each of the major components involved in the delivery of inpatient palliative care. These include the management of complex symptoms and the use of specific communication techniques - right down to the actual words to say to the patient - to convey important information such as the reason for and use of medication and how to handle difficult topics with patients and their families and caregivers. The book's authors are all leaders in the field of palliative care, and most of them also practice as hospitalists, and thus understand both perspectives. Chapters are presented in a consistent format with particular attention to both clinical pearls and pitfalls, making the material practical and easily accessible to the busy hospitalist and associated hospital staff"--
Provided by publisher.
Sepsis and Multiple Organ Dysfunction-Edwin A. Deitch
2002 This reference for residents and clinicians gathers the latest information on multiple organ dysfunction syndrome (MODS) and its cause. The book summarizes all available data concerning MODS, with a major portion of the book devoted to methods for supporting each failing organ. Chapters are arranged in sections on the history and epidemiology of MODS, mediators of sepsis and MODS, molecular mechanisms, scoring systems, management principles, supportive care, and important issues in the intensive care unit. Challenging Cases in Pulmonology-Massoud Mahmoudi 2012-11-27 From acute respiratory diseases to chronic lung conditions, pulmonology is a vital area of clinical medicine. Due to a wide array of respiratory diseases, clinical presentation of pulmonary conditions can be complex and oftentimes challenging. In addition to recognizing common characteristics of lung diseases, identifying unusual clinical presentation of pulmonary conditions remains an important educational experience. This concise and easy-to-read title provides that experience in practical context, using a case-based system of learning where a unique case is presented and discussed and questions are provided to challenge the learner and reinforce the transmission of knowledge. Challenging Cases in Pulmonology is not an exhaustive review but rather focuses on common and important problems, with emphasis on evaluation and treatment. The book offers 16 chapters consisting of two or more cases followed by five to ten multiple choice questions. A valuable resource for pulmonologists, allergists, primary care physicians, internal medicine, fellows in allergy and pulmonology, and residents in training, this practical title will also be of interest to nurses, physician assistants, and medical students studying pulmonology. Challenging Cases in Pulmonology complements two previously published case-based titles edited by Dr. Mahmoudi: Challenging Cases in Allergy and Immunology (Humana Press, 2009) and Challenging
Due to rapidly aging populations, the number of people worldwide experiencing dementia is increasing, and the projections are grim. Despite billions of dollars invested in medical research, no effective treatment has been discovered for Alzheimer's disease, the most common form of dementia. The Alzheimer Conundrum exposes the predicaments embedded in current efforts to slow down or halt Alzheimer's disease through early detection of pre-symptomatic biological changes in healthy individuals. Based on a meticulous account of the history of Alzheimer's disease and extensive in-depth interviews, Margaret Lock highlights the limitations and the dissent associated with biomarker detection. Lock argues that basic research must continue, but should be complemented by a public health approach to prevention that is economically feasible, more humane, and much more effective globally than one exclusively focused on an increasingly harried search for a cure.

Troublesome Disguises examines psychiatric conditions which are not necessarily uncommon, rare or exotic but are challenging for the clinician who may struggle to reach a diagnosis and to set up management strategies. However, with familiarity, these conditions can and should be recognised. This new edition is an exercise in consciousness-raising as well as a warning to beware of diagnostic systems which, despite their many virtues, may become too influential and may perpetuate errors which are to the detriment of patients. For the clinician struggling to understand and treat patients who fail to fit the usual diagnostic categories, Troublesome Disguises provides wise instruction in the virtue of entertaining doubts, as well as practical advice for the assessment and management of atypical cases.
Hospital Performance in Brazil-Gerard Martin La Forgia 2008-01-01 Drawing on an eclectic array of research and evaluative studies culled from a mix of sources, this volume analyzes Brazilian hospital performance along several policy dimensions including resource allocation and use within hospitals, hospital payment mechanisms, organizational and governance arrangements, management practices, and regulation and quality. An agenda for hospital reform is proposed which synthesizes priorities that are integral to improving hospital performance and which should be considered for implementation in the near and medium term.

The Neurology of Eye Movements-R. John Leigh 2015-06-18 This new edition of Leigh and Zee's The Neurology of Eye Movements is available as an enhanced edition for the first time. Your purchase of the print version includes access to the online version via Oxford Medicine Online. By activating your unique access code, you can discover more than 200 videos, view and enlarge nearly 250 high resolution images, and annotate the work for future personal reference. The 5th edition of The Neurology of Eye Movements has two interrelated parts. The first comprises a modern synthesis of the anatomical, physiological, and pharmacological substrate for eye movements, including current views on the reflexive and voluntary control of gaze. This synthesis is based on electrophysiological and inactivation studies in macaque, and behavioural studies in humans that incorporate functional imaging and transcranial magnetic stimulation (TMS) in normals, and clinicopathological studies in patients with neurological, visual, or vestibular disorders. Sophisticated experimental paradigms have been applied to both species to explore aspects of cognition, memory, volition, and reward. This large body of research has demonstrated the power of eye movements as experimental tools. The second part of the book applies this synthesis to the
clinical and laboratory evaluation of patients with abnormal eye movements due to a broad range of disorders - from muscular dystrophy, and genetic disorders, to dementia, including visual and vestibular conditions. By placing links to figures, tables, boxes, and videos, a synthesis of basic research and clinical findings is provided, that may shed new light on disease processes and provide insights on normal brain function.

46th Postgraduate Assembly Syllabus-Endocrine Society. Postgraduate Assembly 1994 Complex Clinical Conundrums in Psychiatry-Kuppuswami Shivakumar 2018-05-25 This book provides the readers with a series of complex cases that are organized by psychiatric disorder. Written by experts in the field, the cases offer insight on how to navigate care in delicate situations while considering preexisting medical conditions. Topics cover pharmacological concerns in women who are pregnant or nursing, working with dementia patients suffering from HIV, assessing and treating ADHD in special populations, monitoring medication use in patience recovering from Substance Use Disorder, and working with patients suffering from personality disorders. Each chapter offers guidance through the maze of classifications, clinical features, diagnosis and various complex interventions. The book also covers new information on the advances in research and management aspects.

Complex Clinical Conundrums in Psychiatry is a valuable resource for psychiatrists, psychologists, family physicians, geriatricians, counselors, social workers, nurses, and all medical professionals working with complex psychiatric patients. Diagnosis, Therapy, and Evidence-Gerald N. Grob 2009-11-13 Employing historical and contemporary data and case studies, the authors also examine tonsillectomy, cancer, heart disease, anxiety, and depression, and identify differences between rhetoric and reality and the weaknesses in diagnosis and treatment.
Current Diagnosis and Treatment Cardiology, Fourth Edition-Michael H. Crawford 2013-12-06 Concise, clinically focused coverage of the major disease entities and therapeutic challenges in cardiology For more than 70 years, professors, students, and clinicians have trusted LANGE for high-quality, current, concise medical information in a convenient, affordable, portable format. Whether for coursework, clerkships, USMLE prep, specialty board review, or patient care, there's a LANGE book that guarantees success. "An excellent reference and review for practicing physicians -- Family Medicine reviewing an earlier edition Covers all the important management issues in cardiology Includes special topics such as pregnancy and heart disease, the use of anticoagulants in heart disease, and the perioperative evaluation of heart disease patients Each chapter written by experts in the field Logically organized into six sections: Prevention of Cardiovascular Disease, Ischemic Heart Disease, Arrhythmias, Valvular Disease, Cardiomyopathy and Heart Failure, and Systemic Diseases and the Heart Consistent chapter presentation includes Essentials of Diagnosis, Clinical Findings, Diagnostic Studies, Treatment, Prevention, and Prognosis More than 235 illustrations, including ECGs, imaging studies, drawings, graphs and charts NEW CHAPTER on Antiplatelet Therapy • Emphasis on must-know information makes it perfect for board review The Difficult Patient- 1992 Surgical Care for the Elderly- R. Benton Adkins 1998 Bipolar Depression: Molecular Neurobiology, Clinical Diagnosis and Pharmacotherapy-Carlos A. Zarate Jr. 2009-04-16 Although our knowledge of mood disorders is expanding, comparatively little is known about bipolar depression in particular. This book offers the most up-to-date information about the diagnosis, treatment, and research surrounding bipolar depression. Early chapters provide diagnostic information and review the course, outcome and genetics.
of this heritable condition. The book gives a thorough and unique overview of the neurobiology of the disorder, including neuroimaging work. Several chapters delineate the treatment of bipolar depression in special populations such as children and pregnant women. Furthermore, the particular issues of suicide, focusing on the need for assessment during both acute and maintenance treatment, are addressed. Finally, acute and long-term treatment strategies for bipolar depression are discussed, including both traditional and novel therapeutics, as well as non-pharmacological treatments. This volume offers researchers and clinicians key insights into this devastating disorder.

The Journal of Clinical Psychiatry- 1987
Difficult Diagnosis in Pediatrics-James A. Stockman 1990 This text is a practical aid to the diagnoses of children presenting some of the more common difficult problems frequently seen. A broad spectrum of disease categories is represented.

Handbook of Applied Sociology-Marvin Elliott Olsen 1981
Nuclear Medicine in Clinical Diagnosis and Treatment-Peter Josef Ell 2004 Book News, Inc., Portland, OR (booknews.com).
Medical Management of Vulnerable & Underserved Patients: Principles, Practice, Population-Jr. Talmadge King 2006-08-10 This is the only reference currently available that focuses on the treatment of patients living with chronic diseases in poor and minority populations.
Essentials of Managed Health Care-Peter Reid Kongstvedt 1995 An introductory textbook derived from the bestseller the Managed Health Care Handbook, Second Edition, this text provides all the basic information needed to learn critical concepts of managed care. Everything from types of managed care organizations, negotiating and contracting to controlling utilization and using data reports in medical management. An instructor's manual is available upon request.
Cumulative Index to Nursing Literature-Cinahl Information Systems Staff 1999
Neurogenetic Diagnoses - Carole H. Browner
2009-12-18 As world populations continue to age, the incidence of very common, ultimately fatal neurodegenerative diseases (some of medicine’s most puzzling illnesses) will increase exponentially. Neurogenetic Diagnoses, the Power of Hope, and the Limits of Today’s Medicine explores the diverse impacts and intense meanings of genetic diagnoses for patients suffering from such diseases, and for their family caregivers and clinicians. Through richly-textured, often heart-wrenching longitudinal case studies, Neurogenetic Diagnoses... reveals how extremely difficult it can be for patients to obtain a definitive diagnosis for the cause of their symptoms, even with genetic testing; how, with or without definitive diagnoses, patients and family caregivers strive to come to terms with their situations; and how they are aided (or not) in these endeavors by their doctors. The analysis is framed by increasingly sharp social debate over the consequences of decoding the human genome -- and the impact of genetic technology on our lives.

August's Consultations in Feline Internal Medicine - Susan Little 2015-09-01 Stay current with cutting-edge information from the leading feline experts! August's Consultations in Feline Internal Medicine, Volume 7 takes the popular Current Therapy approach to the latest issues, advances, and therapies in feline care. The 103 new chapters are organized by body systems, making information easy to access, and include more than 800 new detailed photographs, diagrams, and MRI and ultrasound images. Discussions of scientific findings always emphasize clinical relevance and practical application. This edition addresses new topics ranging from feline obesity and food allergies to respiratory mycoplasmal infections. From feline expert Susan Little, with chapters written by more than 130 international specialists, this practical resource will be an invaluable addition to every small animal clinician's library. The Current Therapy...
format focuses on the latest advances in feline care and includes broad, traditional, and controversial subjects of real clinical importance. Clinically relevant approach is supported with scientific research and promotes practical, progressive clinical management. More than 130 world-renowned contributors provide expert insight across the full spectrum of feline internal medicine. Extensive references make it easy to find additional information about specific topics most important to your practice. 103 ALL-NEW chapters reflect the latest findings, reports, and evidence-based coverage of pressing topics such as: Managing respiratory mycoplasmal infections Continuous glucose monitoring in cats with diabetes Feline food allergy Stem cell therapy for chronic kidney disease Feline idiopathic cystitis Electrochemotherapy Current concepts in preventing and managing obesity Recognition and treatment of hypertensive crises Feline social behavior and personality NEW Emergency and Critical Care Medicine section contains 13 chapters covering complicated and serious internal medical problems. NEW! More than 800 colorful new images clarify concepts and demonstrate clinical examples.

Social Policy and the Economics of Aging-Bonnie S. Kantor 1986 The Difficult Diagnosis in Surgical Pathology-Noel Weidner 1996 Difficult-to-diagnose lesions are comprehensively covered in this unique and functional text. Includes atypical presentations of common lesions, common lesions that share features with other lesions, and rare lesions. Designed to serve as a beside-the-microscope consultant, this work provides clear diagnostic criteria and representative photographs, making it an essential reference for the field of surgical pathology. Complements readers' favourite pathology references by detailing the atypical presentations of common lesions, common lesions that share features with other lesions, and rare lesions that may be unfamiliar to the reader. The emphasis
on histopathologic diagnostic features fosters swift and reliable evaluations. Experts author each chapter, ensuring currency, coherence, and accuracy. Every organ system is represented providing an all-in-one resource for the busy clinician. More than 1000 illustrations clarify essential points. Readers can compare their patients' studies against those in the book to confirm or re-evaluate a diagnosis.

Depression and Personality-Michael Rosenbluth 2005 The book offers an intriguing new look at where we are in understanding the relationship between personality dimensions, disorders, and mood disorder. It is both a cogent update of conceptual models and a clearly written, practical guide to the challenges faced every day by clinicians as they treat patients with depression and bipolar disorder.

Philosophical issues in psychiatry III-Kenneth S. Kendler 2014-10-02 Psychiatry has long struggled with the nature of its diagnoses. The problems raised by questions about the nature of psychiatric illness are particularly fascinating because they sit at the intersection of philosophy, empirical psychiatric/psychological research, measurement theory, historical tradition and policy. In being the only medical specialty that diagnoses and treats mental illness, psychiatry has been subject to major changes in the last 150 years. This book explores the forces that have shaped these changes and especially how substantial "internal" advances in our knowledge of the nature and causes of psychiatric illness have interacted with a plethora of external forces that have impacted on the psychiatric profession. It includes contributions from philosophers of science with an interest in psychiatry, psychiatrists and psychologists with expertise in the history of their field and historians of psychiatry. Each chapter is accompanied by an introduction and a commentary. The result is a dynamic discussion about the nature of psychiatric diagnoses, and a book that is compelling reading for those in the field of mental health,
Health Economics and Policy is a basic introduction to the microeconomics of health, health care, and health policy. This edition demonstrates how economic principles apply to health-related issues. It explains the social, political, and economic contexts of health care delivery and explores the changing nature of health care. Students learn to analyze public policy from an economic perspective. While the text was written for non-economics majors, it includes enough economic content to challenge majors.

Archives of Pathology & Laboratory Medicine- 1995
Fanaroff and Martin's Neonatal-Perinatal Medicine E-Book-Richard J. Martin 2014-08-20 Tackle your toughest challenges and improve the quality of life and long-term outcomes of your patients with authoritative guidance from Fanaroff and Martin's Neonatal-Perinatal Medicine. Drs. Richard J. Martin, Avroy A. Fanaroff, and Michele C. Walsh and a contributing team of leading experts in the field deliver a multi-disciplinary approach to the management and evidence-based treatment of problems in the mother, fetus and neonate. New chapters, expanded and updated coverage, increased worldwide perspectives, and many new contributors keep you current on the late preterm infant, the fetal origins of adult disease, neonatal anemia, genetic disorders, and more. "...a valuable reference book and a pleasure to read." Reviewed by BACCH Newsletter, Mar 2015 Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Be certain with expert, dependable, accurate answers for every stage of your career from the most comprehensive, multi-disciplinary text in the field! See nuance and detail in full-color illustrations that depict disorders in the clinical setting and explain complex information. Obtain more global perspectives and best practices with contributions from international leaders in the field of neonatal-perinatal medicine. Get comprehensive
guidance on treating patients through a dual focus on neonatology and perinatology. Spot genetic problems early and advise parents of concerns, with a completely new section on this topic. Make informed clinical choices for each patient, from diagnosis and treatment selection through post-treatment strategies and management of complications, with new evidence-based criteria throughout. Stay at the forefront of your field thanks to new and completely revised chapters covering topics such as: Principles and Practice l Immune and Non-immune Hydrops Fetalis l Amniotic Fluid Volume l Enhancing Safe Prescribing in the Neonatal Intensive Care Unit l Role of Imaging in Neurodevelopmental Outcomes of High-Risk Neonates l Patent Ductus Arteriosus l Gastroesophageal Reflux and Gastroesophageal Reflux Diseases in the Neonate. Find and grasp the information you need easily and rapidly with indexing that provides quick access to specific guidance.

Andrew's Diseases of the Skin E-Book-William D. James

2011-03-21 The 11th Edition of the classic Andrews’ Diseases of the Skin, by Drs. William D. James, Timothy G. Berger and Dirk M. Elston, provides the ultimate foundation in dermatology with comprehensive guidance to effectively diagnose and treat a wide range of skin conditions. These highly respected authors balance evidence-based treatment guidelines with advice from their own clinical experience, offering a practical and realistic medical perspective. Updated throughout with the latest dermatologic findings and a new chapter on cosmetic surgical techniques, this title helps you keep current, improve your skills, and prepare for exams. It is an indispensable, convenient reference for trainees and practicing dermatologists. Practice with confidence through the valued authorship of seasoned professionals Dr. William D. James, Dr. Timothy G. Berger, and Dr. Dirk M. Elston. Rapidly improve your knowledge of skin conditions through a concise, clinically focused, user-friendly format. Obtain thorough guidance on clinical presentation and
therapy for a full range of common and rare skin diseases. Confirm your diagnoses by comparing your clinical findings to more than 1,150 illustrations, 40% of which are brand new. Update your surgical skills with chapters devoted to basic dermatologic, laser, and cosmetic surgery, contributed by Dr. Issac M. Neuhaus.

Evidence-Based Emergency Care-Jesse M. Pines
2011-08-26 This useful handbook provides a concise compilation of the evidence supporting diagnostic testing and clinical decision rules in emergency care. Clinical decision rules are now widely recognised as best practice for the ordering of diagnostic tests in the emergency department. Aimed at all physicians working with emergency and acute patients, the book begins with an overview of how to evaluate a diagnostic test using an evidence-based approach, followed by an explanation of the clinical decision rules and the methods of assessing the strength and applicability of the clinical prediction rule. These introductory chapters are followed by sections covering the following clinical areas: * Traumatic Injuries * Cardiology * Infectious Disease * Surgical and Abdominal Complaints * Urology * Neurology * Ophthalmology, Hematology, Rheumatology * Pulmonology. For each test and clinical decision rule, the most current and best available studies in the literature are discussed and applied to emergency department and acute care patients in addressing the question at hand, followed by an overall recommendation on how to use the test or rule in the clinical context. Evidence-Based Emergency Care is an accessible and extremely useful reference for physicians at all levels to use in applying an evidence-based approach to ordering and interpreting tests in an acute care environment.

Biomarkers for Early Diagnosis of Alzheimer's Disease-Daniela Galimberti
2008 Alzheimer's disease (AD) is characterized by the deposition into the brain of amyloid peptide, which originates a cascade of inflammatory events leading
eventually to neuronal death. These pathological events likely occur several years before the clinical manifestation of the disease, implying that potential therapeutical interventions are currently started too late to give beneficial results. Recently, growing attention has been paid to the Mild Cognitive Impairment (MCI), considered the prodromal phase of AD, as 80% of subjects with MCI have been shown to develop AD within 5 years. Several studies aimed to identify biological markers to differentiate between normal aging and incipient AD have been carried out, including cerebrospinal fluid (CSF) analysis and neuroimaging. In particular, the evaluation of CSF Amyloid beta (1-42) levels, together with tau and phosphotau, are of help for recognizing early AD. Besides, a number of additional molecules are altered in CSF. Other early modifications have been observed in peripheral cells, such as fibroblasts and leukocytes, as well as in serum from patients. Biomarkers for AD represent important tools supporting the clinical diagnosis and the choice of potential therapeutic options. Moreover, they would be of great help for the selection of cohorts of homogeneous patients for clinical trials with new disease-modifying compounds. This book is aimed to give an update about MCI as prodromal Alzheimer's disease (AD), to discuss the main known pathological mechanisms at the basis of AD and to describe the possible biomarkers to be used for an early diagnosis of the disease.
chapters cover a wide range of topics, including neonatal medicine, child development and behavior, emergency and critical care medicine, and diagnosis and treatment of specific disorders according to major problems, etiologies, and organ systems. A wealth of tables and figures provide quick access to important information, such as acute and critical care procedures in the delivery room, the office, the emergency room, and the critical care unit; anti-infective agents, drug dosages, immunization schedules, differential diagnoses, and developmental disorders. Includes detailed descriptions of diseases as well as diagnostic and therapeutic procedures. Complete with handy guide to normal laboratory values. Presented in the consistent, easy-to-follow CURRENT format. Valuable to medical students, pediatric residents, pediatricians, family practitioners, nurses, nurse practitioners, physician assistants, and other healthcare providers who work with infants, children, and adolescents. Authors are practicing pediatricians to ensure that each chapter reflects the needs and realities of day-to-day practice.

The Flesh and Bones of Medical Microbiology - Andrea Guyot 2011-12-02

The Flesh and Bones of Medical Microbiology presents a very clinically orientated account of the subject. It covers all the key concepts you need with no gaps. It can be used either as an introduction to a topic, or as a revision aid. Difficult concepts are depicted by cartoon-strip illustrations, helping you to quickly understand information. Big Picture Section - lets you relate detail to the subject as a whole. High Return Facts - prevents you from having large gaps in your knowledge. Can be used as a revision tool. Reinforces the major points. Cartoon-strip illustrations - enables you to visualise difficult concepts in a step-by-step format. Information can be chunked into 'student-friendly' sizes. Double-page overviews - you can read topic summaries without cross-referencing to other pages. All laid out on one spread.

Diagnostic Error - Pat Croskerry 2012-04-28

Despite diagnosis being the key...
feature of a physician's clinical performance, this is the first book that deals specifically with the topic. In recent years, however, considerable interest has been shown in this area and significant developments have occurred in two main areas: a) an awareness and increasing understanding of the critical role of clinical decision making in the process of diagnosis, and of the multiple factors that impact it, and b) a similar appreciation of the role of the healthcare system in supporting clinicians in their efforts to make accurate diagnoses. Although medicine has seen major gains in knowledge and technology over the last few decades, there is a consensus that the diagnostic failure rate remains in the order of 10-15%. This book provides an overview of the major issues in this area, in particular focusing on where the diagnostic process fails, and where improvements might be made.

Making Medicines Affordable-National Academies of Sciences, Engineering, and Medicine 2018-03-01 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 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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