

Gina Asthma Guidelines 2013

Thank you very much for downloading **Gina Asthma Guidelines 2013**. Maybe you have knowledge that, people have look hundreds times for their favorite novels like this Gina Asthma Guidelines 2013, but end up in malicious downloads.

Rather than enjoying a good book with a cup of tea in the afternoon, instead they juggled with some infectious bugs inside their laptop.

Gina Asthma Guidelines 2013 is available in our digital library an online access to it is set as public so you can download it instantly.

Our books collection hosts in multiple locations, allowing you to get the most less latency time to download any of our books like this one.

Merely said, the Gina Asthma Guidelines 2013 is universally compatible with any devices to read

Severe Asthma - Kian Fan Chung 2019-06-01

Severe asthma is a form of asthma that responds poorly to currently available medication, and its patients represent those with greatest unmet needs. In the last 10 years, substantial progress has been made in terms of understanding some of the mechanisms that drive severe asthma; there have also been concomitant advances in the recognition of specific molecular phenotypes. This ERS Monograph covers all aspects of severe asthma - epidemiology, diagnosis, mechanisms, treatment and management - but has a particular focus on recent understanding of mechanistic heterogeneity based on an analytic approach using various 'omics platforms applied to clinically well-defined asthma cohorts. How these advances have led to improved management targets is also emphasised. This book brings together the clinical and scientific expertise of those from around the world who are collaborating to solve the problem of severe asthma.

Nelson Textbook of Pediatrics E-Book -

Robert M. Kliegman 2015-04-17

After more than 75 years, Nelson Textbook of Pediatrics remains your indispensable source for definitive, state-of-the-art answers on every aspect of pediatric care. Embracing the new advances in science as well as the time-honored art of pediatric practice, this classic reference provides the essential information that practitioners and other care providers involved in pediatric health care throughout the world

need to understand to effectively address the enormous range of biologic, psychologic, and social problems that our children and youth may face. Brand-new chapters and comprehensive revisions throughout ensure that you have the most recent information on diagnosis and treatment of pediatric diseases based on the latest recommendations and methodologies. Form a definitive diagnosis and create the best treatment plans possible using evidence-based medicine and astute clinical experiences from leading international authors—many new to this edition. A NEW layout provides superior portability and exceptional ease of use. Gain a more complete perspective. Along with a broader emphasis on imaging and molecular diagnoses and updated references, the new edition includes an increased focus on international issues to ensure relevance in pediatrics practice throughout the world. Effectively apply the latest techniques and approaches with complete updates throughout 35 new chapters, including: Innovations in Addressing Child Health and Survival in Low Income Settings; Developmental Domains and Theories of Cognition; The Reggio Emilia Educational Approach Catatonia ; Refeeding Syndrome; Altitude-associated Illness; Genetic Approaches to Rare and Undiagnosed Diseases; Healthcare—Associated Infections; Intrapartum and Peripartum Infections; Bath salts and other drugs of abuse; Small Fiber Polyneuropathy; Microbiome; Kingella kingae; Mitochondrial Neurogastrointestinal Encephalomyopathy;

Nonalcoholic Fatty Liver Disease; Plagiocephaly; CNS Vasculitis; Anterior Cruciate Ligament Rupture; and Sports-Related Traumatic Brain Injury. Recognize, diagnose, and manage genetic and acquired conditions more effectively. A new Rehabilitation section with 10 new chapters, including: Evaluation of the Child for Rehabilitative Services; Severe Traumatic Brain Injury; Spinal Cord Injury and Autonomic Crisis Management; Spasticity; Birth Brachial Plexus Palsy; Traumatic and Sports-Related Injuries; Meningomyelocele; Health and Wellness for Children with Disabilities. Manage the transition to adult healthcare for children with chronic diseases through discussions of the overall health needs of patients with congenital heart defects, diabetes, and cystic fibrosis. Understand the principles of therapy and which drugs and dosages to prescribe for every disease.

Asthma: Targeted Biological Therapies - Girolamo Pelaia 2016-11-10

This book focuses on the fundamentals of the use of biologics in asthma, describing the rationale, principles, mechanisms of action, and indications. It offers an excellent balance between basic science and the analysis of clinical trials, updating readers with new developments that are changing the global scenario for targeted biological anti-asthma therapies, especially with regard to more severe disease. A range of therapies are considered, from the humanized monoclonal anti-IgE antibody omalizumab, widely approved as add-on treatment for inadequately controlled disease, through to emerging biologics for which evidence supportive of efficacy is accumulating, including anti-IL-5, anti-IL-4, and anti-IL-13 therapies. One aspect to emerge is the variability in individual response, which suggests a need for characterization of different asthma subtypes to permit the effective implementation of phenotype-targeted treatments. This book will be of interest for pulmonologists, clinical immunologists, and physicians seeking sound information on these therapies, but also for scientists and pharmacologists wishing to enhance their knowledge of the therapeutic implications of the cellular and molecular mechanisms that underlie severe, uncontrolled asthma.

Childhood Asthma - Stanley J Szeffler

2005-09-26

This reference collects the latest studies on the development, diagnosis, and treatment of childhood asthma and offers current perspectives on new technologies that will shape the management of pediatric asthma in the forthcoming decade-illustrating how advances in pulmonary function measurement, inflammatory markers, imaging, and pharmacogenetics will enhance the diagnosis and monitoring of asthma in years to come.

Clinical Asthma - Jonathan Bernstein 2014-02-06
Enormous progress in asthma research has been made in the past 50 years, including a greater understanding of its complex pathogenesis and new and more effective therapies. Consequently, the scientific literature has grown vast and can be difficult to integrate. With contributions from a distinguished panel of world-renowned authors, *Clinical Asthma*

Nanomedicine for Inflammatory Diseases - Lara Scheherazade Milane 2017-09-19

Nanomedicine for Inflammatory Diseases is a cutting-edge resource for clinicians and scientists alike, working at the intersection of development and clinical therapeutics. This text is ideal for graduate level courses in nanomedicine, translational medicine, or inflammatory disease. This book is a progressive hallmark in translational medicine as it unites clinicians treating inflammatory disease with scientists developing experimental nanomedicine therapeutics. The commonality is made through a translational nanomedicine expert - bridging the gap between the laboratory benchtop and the clinical bedside.

Ferri's Clinical Advisor 2023, E-Book - Fred F. Ferri 2022-06-21

For 25 years, Ferri's Clinical Advisor has provided immediate answers on the myriad medical diseases and disorders you're likely to encounter in a unique, easy-to-use format. A bestselling title year after year, this popular "5 books in 1" reference delivers vast amounts of information in a user-friendly manner. It is updated annually to provide current and clinically relevant answers on over 1,000 common medical conditions, including diseases and disorders, differential diagnoses, clinical algorithms, laboratory tests, and clinical practice guidelines?all carefully reviewed by experts in

key clinical fields. Extensive algorithms, along with hundreds of high-quality photographs, illustrations, diagrams, and tables, ensure that you stay current with today's medical practice. Contains significant updates throughout all 5 sections, covering all aspects of diagnosis and treatment. Features 27 all-new topics including coronary artery dissection, perimandibular abscess, retinal vein occlusion, performance enhancing hormones, aphasia, hemorrhagic ovarian cyst, pelvic fracture, lung transplant, penile cancer and obsessive rumination syndrome, among others. Includes useful appendices covering care of the transgender patient, palliative care, preoperative evaluation, nutrition, poison management, commonly used herbal products in integrated medicine, and much more. Offers online access to Patient Teaching Guides in both English and Spanish.

Integrated Evaluation of Disability - Ramar Sabapathi Vinayagam 2019-01-15

There are overwhelming demands for health and rehabilitation services due to rise in the number of disabled people. The existing literature on disability evaluation has only focused on impairment or functional limitation or earning capacity. They have not considered the skills fundamental to live, learn and work successfully in the community. This book addresses integrated evaluation of disability using 'Clinical Tools', 'Activity Participation Skills Assessment Scale', 'Personal Factors Measurement Scale', and 'Environmental Factors Measurement Scale'. Physicians from all disciplines can use this method to evaluate disability pertaining to their respective fields. Key Features Applies the principles of 'World Health Organization's International Classification of Functioning, Disability and Health - ICF' Includes case studies in the hypothetical model in this book Includes a Ready Reckoner Impairment Table provides impairment score for 120 common clinical conditions Consists of an integrated software which computes percentage of disability for clinical conditions

Paediatric Asthma - J. Gerritsen 2012

Asthma is a disease of many faces and is frequently seen in children. This Monograph covers all aspects of paediatric asthma, across all ages, from birth through to the start of adulthood. It considers diagnostic problems in

relation to the many phenotypes of asthma, covers the treatment of both mild-to-moderate and severe asthma, and discusses asthma exacerbations as well as exercise-induced asthma. The issue also provides an update on the pathophysiology of asthma, the role of bacterial and viral infections, and the impact of environmental factors, allergy, genetics and epigenetics. Finally,

BREATHING POISON - Anthony Rebuck
2014-02-24

There is a triple threat in the Asian air to human health and well-being. First, we are going to see an increase in tobacco-attributable deaths as more and more people smoke. Much of this mortality, as well as crippling chronic lung disease, can be prevented if smokers stop smoking. Secondly, additional suffering, disability and premature death from lung disease can be prevented if pollution - Asian pollution being the worst in the world - can be reduced. And lastly, the coughing, wheezing and attacks of bronchitis caused by the uniquely Asian problem of the haze would be eliminated if the illegal practice of slash & burn is prohibited.

Asthma, COPD, and Overlap - Jonathan A. Bernstein 2018-03-22

Using illustrative case examples, this book thoroughly reviews similarities and differences between asthma, chronic obstructive pulmonary disease (COPD) and the overlap syndrome. It is important to highlight the distinctions because these commonly encountered conditions in respiratory and primary care share many similarities but have important differences often mistaken for each other. This can have serious implications for treatment, particularly as new treatments are targeted at specific phenotypes of the diseases. This practical guide shows how to distinguish between the diseases on a pathological and clinical basis so that appropriate management and treatment may be pursued.

Issues in Allergy and Asthma Research and Treatment: 2013 Edition - 2013-05-01

Issues in Allergy and Asthma Research and Treatment: 2013 Edition is a ScholarlyEditions™ book that delivers timely, authoritative, and comprehensive information about Allergy and Asthma Research. The editors have built Issues in Allergy and Asthma Research and Treatment:

2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Allergy and Asthma Research in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Allergy and Asthma Research and Treatment: 2013 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Advanced Practice Nursing in the Care of Older Adults - Laruie Kennedy-Malone 2018-10-31 Meet the diverse health care needs of older adults! Explore effective ways to enhance the wellness and independence of older adults across the wellness-illness continuum, including acute, primary, and long-term care. From an overview of the theories of aging and assessment through the treatment of disorders, including complex illnesses, this evidence-based book provides the comprehensive gerontological coverage you need to prepare for your role as an Advanced Practice Nurse. You'll be prepared for boards and for practice.

Advances in Immediate Hypersensitivity Research and Treatment: 2013 Edition - 2013-06-21

Advances in Immediate Hypersensitivity Research and Treatment: 2013 Edition is a ScholarlyBrief™ that delivers timely, authoritative, comprehensive, and specialized information about ZZZAdditional Research in a concise format. The editors have built Advances in Immediate Hypersensitivity Research and Treatment: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about ZZZAdditional Research in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Advances in Immediate Hypersensitivity Research and Treatment: 2013 Edition has been produced by the world's

leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Pediatric Allergy: Principles and Practice - Stanley J. Szefer, MD 2015-08-11

The third edition of Pediatric Allergy continues this title's steadfast tradition of providing comprehensive, authoritative guidance on the day-to-day diagnosis and management of pediatric allergic and immunologic diseases. You'll have the most up-to-date research at hand thanks to an easily accessible full-color format that highlights a host of new chapters, extensive updates, and clinically focused coverage. Whether you're a student, resident, pediatrician or allergist, you'll appreciate this user-friendly and versatile source for providing optimal care! Includes diagnostic tests available for asthma, upper respiratory allergy, and more. Equips you with an understanding of the immune mechanisms underlying allergic diseases. Features coverage of drug allergies and cross-reactivity. Highlights clinical pearls discussing the best approaches to the care and treatment of pediatric patients. Appendices listing common food allergies and autoantibodies in autoimmune diseases make for quick reference to essential material. Expert Consult eBook version included with purchase. This enhanced eBook experience allows you to search all of the text, figures, images, and references from the book on a variety of devices. Revised asthma section examines current asthma guidelines; school-centered asthma programs; exercise-induced asthma; and new directions in asthma therapy. Includes the most current knowledge relating to emerging asthma within young children, medication adherence, and the impact of infection on the natural history of asthma. New information on gene therapy, stem-cell therapy, and a host of new immunodeficiency diseases helps you obtain the best results from the therapeutics for pediatric allergic and immunologic diseases. Features brand-new chapters on immunopathology; diagnostics and

management; potential immunotherapeutic strategies for treating food allergies; current status of immunotherapy for food allergy; and biologic therapies. Focused coverage of today's hot topics in pediatric allergy includes the use of targeted biologics to treat specific activation pathways leading to severe allergic diseases; defects of innate immunity; rheumatic diseases of childhood; and inflammatory disorders. Discusses new studies examining potential etiologies for the increase in food allergy and examines potential immunotherapeutic strategies for treating food allergies. New evidence-based principles of medical care help you make the best use of available medications for your patients.

Nelson Textbook of Pediatrics, 2-Volume Set - Robert M. Kliegman, MD 2015-04-22

After more than 75 years, Nelson Textbook of Pediatrics remains your indispensable source for definitive, state-of-the-art answers on every aspect of pediatric care. Embracing the new advances in science as well as the time-honored art of pediatric practice, this classic reference provides the essential information that practitioners and other care providers involved in pediatric health care throughout the world need to understand to effectively address the enormous range of biologic, psychologic, and social problems that our children and youth may face. Brand-new chapters and comprehensive revisions throughout ensure that you have the most recent information on diagnosis and treatment of pediatric diseases based on the latest recommendations and methodologies.

"The coverage of such a wide range of subjects relating to child health makes this textbook still the gold standard and companion for all pediatricians across the world." Reviewed by Neel Kamal, Sept 2015 "All in all, this is an excellent and detailed paediatric review textbook which represents excellent value for money..truly a textbook for the global community" Reviewed by glycosmedia.com, Sept 2015 Form a definitive diagnosis and create the best treatment plans possible using evidence-based medicine and astute clinical experiences from leading international authors-many new to this edition. A NEW two-volume layout provides superior portability and exceptional ease of use. Gain a more complete perspective. Along with a

broader emphasis on imaging and molecular diagnoses and updated references, the new edition includes an increased focus on international issues to ensure relevance in pediatrics practice throughout the world. Effectively apply the latest techniques and approaches with complete updates throughout 35 new chapters, including: Innovations in Addressing Child Health and Survival in Low Income Settings; Developmental Domains and Theories of Cognition; The Reggio Emilia Educational Approach Catatonia ; Refeeding Syndrome; Altitude-associated Illness; Genetic Approaches to Rare and Undiagnosed Diseases; Healthcare?Associated Infections; Intrapartum and Peripartum Infections; Bath salts and other drugs of abuse; Small Fiber Polyneuropathy; Microbiome; *Kingella kingae*; Mitochondrial Neurogastrointestinal Encephalomyopathy; Nonalcoholic Fatty Liver Disease; Plagiocephaly; CNS Vasculitis; Anterior Cruciate Ligament Rupture; and Sports-Related Traumatic Brain Injury. Recognize, diagnose, and manage genetic and acquired conditions more effectively. A new Rehabilitation section with 10 new chapters, including: Evaluation of the Child for Rehabilitative Services; Severe Traumatic Brain Injury; Spinal Cord Injury and Autonomic Crisis Management; Spasticity; Birth Brachial Plexus Palsy; Traumatic and Sports-Related Injuries; Meningomyelocele; Health and Wellness for Children with Disabilities. Manage the transition to adult healthcare for children with chronic diseases through discussions of the overall health needs of patients with congenital heart defects, diabetes, and cystic fibrosis. Understand the principles of therapy and which drugs and dosages to prescribe for every disease. Expert Consult eBook version included with purchase. This enhanced eBook experience allows you to search all of the text, figures, and references from the book on a variety of devices.

Critical Care Obstetrics - Luis D. Pacheco 2018-09-19

A new edition of the proven guide to providing emergency care for mothers-to-be in acute medical distress Now in its sixth edition, Critical Care Obstetrics offers an authoritative guide to what might go seriously wrong with a pregnancy and delivery and explains how to manage grave complications. Written by an international panel

of experts, this updated and revised edition contains the most recent advances in the field as well as recommendations for treating common complications such as bleeding, thrombosis, trauma, acute infection, airway problems and drug reactions in a pregnant patient. This important guide offers the information needed to enable the early-on recognition of life-threatening conditions and the use of immediate life-saving treatments in emergency situations. The techniques and procedures outlined help to maximise the survival prospects of both the mother and fetus. The authors offer an accessible text for any healthcare professional responsible for the care and management of pregnant women and their unborn children. Critical Care Obstetrics is a vital resource that: Contains a clear guide for early recognition of conditions which may prove life threatening Offers new information on Analgesia and sedation; Imaging and interventional radiology in pregnancy; Oxygen therapy; and Pulmonary hypertension Presents protocols for implementing life-saving treatments in emergency situations Written by international experts in emergency obstetric medicine Designed for use by obstetricians and obstetrician and gynecology trainees, Critical Care Obstetrics is the updated guide to the management of serious conditions in pregnancy and delivery.

CURRENT Practice Guidelines in Primary Care 2013 - Joseph S. Esherick 2012-12-18
Current Practice Guidelines in Primary Care 2013 draws information from many established CPG sources and presents summaries of the most relevant guidelines in an easy-to-use, pocket-sized package for use by any primary care clinician. It offers quick access to the latest guidelines for the most appropriate preventive services, screening methods, and treatment approaches for commonly encountered conditions in the outpatient setting

Theory and Applications of Nonparenteral Nanomedicines - Prashant Kesharwani
2020-09-12

Theory and Applications of Nonparenteral Nanomedicines presents thoroughly analysed data and results regarding the potential of nanomedicines conceived by diverse non-parenteral routes. In the context of

nanotechnology-based approaches, various routes such as oral, pulmonary, transdermal, delivery and local administration of nanomedicine have been utilized for the delivery of nanomedicine. This book discusses the non-parenteral application of nanomedicine, its regulatory implications, application of mucus penetrating nanocarrier, and detailed chapters on development of nanomedicines developed for drug delivery by various route. Beginning with a brief introduction to the non-parenteral delivery of nanomedicine and the safety and regulatory implications of the nanoformulations, further chapters discuss the physiology of the biological barriers, the specificity of the nanocarriers as well as their multiple applications. Theory and Applications of Nonparenteral Nanomedicines helps clinical researchers, researchers working in pharmaceutical industries, graduate students, and anyone working in the development of non-parenteral nanomedicines to understand the recent progress in the design and development of nanoformulations compatible with non-parenteral applications. Contains a comprehensive review of non-parenteral nanomedicines Provides analysis of non-parenteral methods of nanomedicines including regulatory implications and future applications Explores a wide range of promising approaches for non-parenteral drug delivery using the latest advancement in nanomedicine written by experts in industry and academia

Asthma: New Insights for the Healthcare Professional: 2013 Edition - 2013-07-22
Asthma: New Insights for the Healthcare Professional: 2013 Edition is a ScholarlyEditions™ book that delivers timely, authoritative, and comprehensive information about Diagnosis and Screening. The editors have built Asthma: New Insights for the Healthcare Professional: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Diagnosis and Screening in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Asthma: New Insights for the Healthcare Professional: 2013 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is

from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Global Strategy for Asthma Management and Prevention - DIANE Publishing Company
1996-09-01

Contents: definition; epidemiology; risk factors; mechanisms of asthma; diagnosis and classification; prevention; a six-part asthma management program (educate patients to develop a partnership in asthma management; assess and monitor asthma severity; avoid or control asthma triggers; establish medication plans for long-term management; establish plans for managing exacerbations; provide regular follow-up care); socioeconomics; education and the delivery of care; recommendations; glossary. Extensive references. Charts and tables.

Asthma and COPD - Peter J. Barnes 2009-03-19
The Second Edition of *Asthma and COPD: Basic Mechanisms and Clinical Management* continues to provide a unique and authoritative comparison of asthma and COPD. Written and edited by the world's leading experts, it continues to be a comprehensive review of the most recent understanding of the basic mechanisms of both conditions, specifically comparing their etiology, pathogenesis, and treatments. * Each chapter considers Asthma and COPD in side-by-side contrast and comparison - not in isolation - in the context of mechanism, triggers, assessments, therapies, and clinical management * Presents the latest and most comprehensive understandings of the mechanisms of inflammation in both Asthma and COPD * Most extensive reference to primary literature on both Asthma and COPD in one source. * Easy-to-read summaries of the latest advances alongside clear illustrations

Difficult To Treat Asthma - Sandhya Khurana
2019-08-29

This book provides a practical, stepwise, evidence-based approach to effective management of patients with difficult to treat asthma. The impact of asthma on morbidity and healthcare utilization increases exponentially with severity. Severe refractory asthma accounts

for less than 5% of all asthma. Its prevalence, however, is often overestimated as there are several other confounding factors that make asthma 'difficult to treat'. Many novel (albeit expensive) therapies are now available and providers caring for patients with severe asthma are charged with selecting the best evidence treatment. This calls for complex and nuanced decision-making. Whether people with asthma gain and maintain control over their condition depends not only on the availability of effective drugs, but also multiple patient and healthcare provider behaviors. Therefore, now more than ever, it has become increasingly important to differentiate "difficult" from "severe refractory" asthma to allow identification of patients most likely to benefit from these therapies. This volume delves into the current understanding of mechanisms and increasingly recognized heterogeneity of this complex disease. It discusses a structured approach to identification and optimization of factors contributing to poor asthma control, including nonadherence, comorbidities and occupational/environmental triggers. The book includes 'state of the art' reviews on recent advances in traditional and targeted asthma therapies, as well as a glimpse into what the future may hold. Highlights include a comprehensive guide to management of severe asthma in children and pregnancy, as well as practical considerations to management of asthma based on different clinical phenotypes. Each chapter is authored by leading experts in the field who share their own clinical approach. This is an ideal guide for clinical pulmonologists and allergist/immunologists, as well as primary care providers, physician extenders in specialty practice, physicians in pulmonary/allergy training, and even industry partners.

Heterogeneity in Asthma - Allan R. Brasier
2016-08-23

Asthma is a chronic relapsing airways disease that represents a major public health problem worldwide. Intermittent exacerbations are provoked by airway mucosal exposure to pro-inflammatory stimuli, with RNA viral infections or inhaled allergens representing the two most common precipitants. In this setting, inducible signaling pathways the airway mucosa play a central role in the initiation of airway inflammation through production of

antimicrobial peptides (defensins), cytokines, chemokines and arachidonic acid metabolites that coordinate the complex processes of vascular permeability, cellular recruitment, mucous hyper-secretion, bronchial constriction and tissue remodeling. These signals also are responsible for leukocytic infiltration into the submucosa, T helper-lymphocyte skewing, and allergic sensitization. Currently, it is well appreciated that asthma is a heterogeneous in terms of onset, exacerbants, severity, and treatment response. Current asthma classification methods are largely descriptive and focus on a single aspect or dimension of the disease. An active area of investigation on how to collect, use and visualize multidimensional profiling in asthma. This book will overview multidimensional profiling strategies and visualization approaches for phenotyping asthma. As an outcome, this work will facilitate the understanding of disease etiology, prognosis and/or therapeutic intervention.

Essentials of Aerosol Therapy in Critically ill Patients - Mohamed E. A. Abdelrahim
2021-11-27

This book assesses the most appropriate forms of aerosol therapy for critically ill patients. Aerosol therapy is applied for the treatment of several pulmonary diseases in addition to some promising applications intended for systemic absorption. Nowadays, aerosol delivery to clinically stable patients in the outpatient settings is done easily with a lot of focus on patient counseling and enhancement of lung deposition. A lot of guidelines are available for several diseases and it could offer adequate guidance to the therapists concerning escalation or de-escalation of therapy to enhance treatment efficiency and safety. However, in critically ill patients aerosol delivery is mostly done by the choice of the respiratory therapist only according to his knowledge. The book describes the type of patients requiring aerosol therapy, different aerosol generators available for the treatment of critically ill patients, mechanisms of aerosol lung deposition, and factors affecting aerosol deposition. It also discusses the special needs of neonates and infants, transitioning aerosol from hospital to home, and the methods of aerosol delivery to different patient e.g. nasal delivery patients, ventilated patients, etc.

Moreover, it reviews methods of detecting such aerosol delivery to the lung. At the end, it discusses the suggested monitoring plans and weaning protocols to ensure high efficacy and safety of the ventilatory support in such patients. Given its scope, the book can serve as guidelines or specific recommendations to maximize clinical benefits of medicated aerosols in critically ill patients and it represents a valuable resource for intensivists, pulmonologists and healthcare professionals working at ICUs.
Difficult and severe asthma in children, volume II - Renato Cutrera 2023-04-12

Middleton's Allergy Essentials E-Book - Robyn E O'Hehir 2015-12-09

For decades, health care practitioners have relied on Middleton's Allergy as their go-to reference for comprehensive information on allergic disorders. Now Middleton's Allergy Essentials, by Drs. Robyn E. O'Hehir, Stephen T. Holgate, and Aziz Sheikh, offers a concise resource that's both easily accessible and highly authoritative. Perfect for clinicians in primary and secondary care settings, this practical volume covers what is most useful in your daily practice, with a strong emphasis on disease diagnosis and management. A practical approach to evaluation, differential diagnosis, and treatment of allergic disorders, focused specifically on what the non-specialist needs to know for everyday practice. Each chapter begins with a handy summary of key concepts to help you quickly identify important information. Coverage of today's hot topics includes asthma, drug allergies, food allergies and gastrointestinal disorders, anaphylaxis, atopic dermatitis, and allergic contact dermatitis. Concise sections on mechanisms are included where relevant, keeping you up to date with this rapidly evolving field. Authored by the same internationally recognized experts that produce Middleton's Allergy, the definitive text in the field. Ideal for physicians, residents, general and family practitioners, nurse practitioners, primary care doctors, hospitalists, general internists - anyone who is called upon to make effective diagnostic and treatment decisions regarding allergic disorders.
Medical-Surgical Nursing - E-Book - Donna D. Ignatavicius 2015-01-30

Using a unique collaborative care approach to adult health nursing, *Medical-Surgical Nursing: Patient-Centered Collaborative Care, 8th Edition* covers the essential knowledge you need to succeed at the RN level of practice. Easy-to-read content includes evidence-based treatment guidelines, an enhanced focus on QSEN competencies, and an emphasis on developing clinical judgment skills. This edition continues the book's trendsetting tradition with increased LGBTQ content and a new Care of Transgender Patients chapter. Written by nursing education experts Donna Ignatavicius and M. Linda Workman, this bestselling text also features NCLEX® Exam-style challenge questions to prepare you for success on the NCLEX Exam. Cutting-edge coverage of the latest trends in nursing practice and nursing education prepares you not just for today's nursing practice but also for tomorrow's.

Clinical Focus Series: Difficult Asthma - Liam Heaney 2013-03-30

Most patients with asthma are easily diagnosed and treated with the use of an inhaler or medication. Approximately five per cent of people that suffer from asthma have 'difficult' or 'refractory' asthma, whereby they experience persistent problems that are not controlled by standard treatment methods. Part of the Clinical Focus Series, this book provides a complete overview of difficult asthma, discussing the clinical assessment and management of this complex condition. Beginning with the epidemiology and characteristics of severe asthma, the book defines current understanding of the immunological mechanisms and disease heterogeneity. It also offers insight into how the condition can affect the physical and psychological aspects of a person's life. Separate chapters examine novel therapeutic strategies and the economic burden of refractory asthma. Key points Discusses clinical assessment and management of difficult asthma Includes epidemiology, immunology, physical and psychological effects, economic burden and novel therapeutics Internationally renowned author and editor team

Asthma in the Workplace - Susan M. Tarlo 2021-09-12

Asthma can be caused and aggravated by occupational factors in working adults. Agents

that are responsible for occupational asthma are either sensitizers or irritants. Prevention is important to reduce the impact of the disease. This new edition of *Asthma in the Workplace* focuses on recent developments that are reflected by an impressive addition to the scientific literature. This fifth edition retains key elements that have made the success of previous editions: worldwide contributors, variety of topics covered, presentation of key aspects using workplace scenarios and case histories. This new comprehensive edition is intended to be of interest for health professionals, researchers, students, practitioners and various professionals involved in the assessment and management of workers exposed to occupational factors that may cause or exacerbate asthma. Key Features Comprehensive coverage of all aspects of work-related asthma, including historical aspects, epidemiology and risk factors, mechanisms and genetics, other types of work-related asthma conditions and variants, hypersensitivity pneumonitis, occupational urticaria and dermatitis Assessment of the worker and workplace along with management of the worker, prevention and medicolegal aspects Detailed information about specific agents, including a variety of high-molecular-weight and low-molecular-weight agents

CURRENT Medical Diagnosis and Treatment 2013 - Michael W. Rabow 2012-08-23

The #1 bestselling annual guide to internal medicine—now completely updated! Learn from the experts - and accelerate your clinical decision making Internationally acclaimed for its scholarship, conciseness, full-color presentation, and encyclopedic scope, CMTD puts the latest research where it belongs . . . into your practice. The new edition of this streamlined clinical companion delivers at-a-glance summaries of the signs, symptoms, epidemiology, etiology, and treatment options for more than 1,000 diseases and disorders. Practitioners in both the hospital and ambulatory settings rely on CMTD to keep up with new medical advances, prevention strategies, and cost-effective therapies. Here's why CMTD is essential to clinical practice: Covers the fundamentals of clinical diagnosis and patient management in all fields of internal medicine A-to-Z survey of all primary care

topics, including gynecology and obstetrics, dermatology, neurology, ophthalmology, otolaryngology, psychiatry, neurology, toxicology, urology, geriatrics, orthopedics, and palliative care The only text with an annual update on the treatment of HIV infection and AIDS Easy-to-navigate design with numerous figures and tables Drug treatment tables, with indexed trade names and updated costs in each section Current references—with PubMed and PMID numbers “Essentials of Diagnosis” callouts for most diseases/disorders ICD-9 codes listed on inside covers NEW TO THIS EDITION: New chapter on Women’s Health Issues Extensively revised chapters: “Viral & Rickettsial Infections,” “Disorders Related to Environmental Factors,” and “Blood Disorders” Coverage of critical developments in anticoagulation and antiplatelet therapy, antihypertensive therapy, hematology, neurology, infectious disease, and cardiovascular medicine Important updates in oncology, including breast cancer treatment options, new lung cancer screening protocols, and cervical screening recommendations New risk assessment model for deep vein thrombosis (DVT) and DVT preventive therapies following hip or knee replacement Recent CDC guidelines on adult and adolescent immunizations and the treatment of sexually transmitted infections Overview of new medications, including ivacaftor, eltrombopag, romiplostim, and eculizumab Extensive revision of the section on rhabdomyolysis New section on peripheral artery aneurysms

Pulmonary Infection and Inflammation - Mieczyslaw Pokorski 2016-08-09

Pulmonary diseases are the major cause of human morbidity, taxing the health care system due to disease prevalence, chronicity, and social and fiscal costs. This book concentrates on the inflammatory and immunogenic settings of pulmonary disorders and related medical areas. Excessive inflammation causes lung injury and forms a conducive background for pathogenic infections, particularly in immuno-compromised hosts. Bacterial immuno-evasive strategies develop, leading to self-perpetuating pathologies. Inflammation also is an essential component of non-communicable lung diseases, including asthma and respiratory allergies, and smoking-related or granulomatous diseases. The

chapters combine a strong grounding in basic science with extensive clinical knowledge and experience. Advances in diagnostics, as well as preventive and therapeutic aspects also are tackled. The book provides useful information to clinicians, researchers, health care and other medical professionals.

Evidence-based Asthma Management - J. Mark FitzGerald 2001

Introducing a new book that takes a solid, evidence and research-based approach to asthma management. From start to finish, this book guides the reader through indication for the use of current therapies, including beta adrenergic agonists, corticosteroids, alternate therapies, and more. An informative guide, it offers advice on asthma education, compliance issues, and what to do when asthma is unresponsive to the usual therapy. Additionally, epidemiology, genetics, diagnosis, inducers and triggers are also discussed.

Textbook of Allergy for the Clinician - Pudupakkam K. Vedanthan 2021-02-04

This is the second and updated version of the Textbook of Allergy for the Clinician. It is a unique book in the field of allergy. The uniqueness lies in the international character of the book with contributors representing both the East and West. This book represents the diversity of issues affecting patients in the specialty of allergy, asthma & immunology. There is some discussion of the basic mechanisms involved and extensive elaboration for the clinicians. This book will appeal to medical students, residents and fellows undergoing training as well as consultants in academic and clinical practice settings. The color plates, especially in the section on Aerobiology, will help in the interaction between the patient and consultant in identifying the plant or flora which is the causative factor. The differences and similarities between the Eastern and Western approaches in the practice of the specialty are being addressed for the first time in a book.

Handbook of Psychological Assessment in Primary Care Settings, Second Edition - Mark E. Maruish 2017-04-21

The second edition Handbook of Psychological Assessment in Primary Care Settings offers an overview of the application of psychological

screening and assessment instruments in primary care settings. This indispensable reference addresses current psychological assessment needs and practices in primary care settings to inform psychologists, behavioral health clinicians, and primary care providers the clinical benefits that can result from utilizing psychological assessment and other behavioral health care services in primary care settings.

Essential Respiratory Medicine - Shanthi Paramothayan 2019-01-04

A succinct yet comprehensive overview of respiratory medicine, written for students and professionals *Essential Respiratory Medicine* is an indispensable text offering an understanding of respiratory conditions and their clinical management within evidence-based guidelines. Containing information on taking a medical history, performing examinations and investigations, diagnosis and the management of respiratory conditions, this comprehensive text was put together by a noted expert in the field. Written in an accessible manner, *Essential Respiratory Medicine* contains the foundational science associated with respiratory medicine, a wide-variety of practical procedures, helpful diagrams, and self-assessments designed to enhance understanding of the material presented. The text covers a variety of conditions as well as providing suggestions for engaging with patients at different stages of care. This important resource: Demonstrates an effective approach to patients presenting with common respiratory symptoms Includes a description of all key practical procedures with diagrams Discusses acute management of important respiratory emergencies Covers both acute and chronic disease Contains a companion website containing a range of learning materials, including downloadable management summaries and algorithms, an image bank, videos of patient examination, example respiratory sounds and multiple-choice questions *Essential Respiratory Medicine* is an essential resource for anyone on a clinical placement, rotation, or training programme in respiratory medicine.

Living with Chronic Illness and Disability - eBook - Esther Chang 2017-07-26

With a complex range of chronic illnesses identified as national health priorities in Australia and New Zealand, nurses and health

professionals are increasingly caring for people with chronic disease and disability across a variety of care settings. Acquiring the relevant knowledge and skills to work with people who have a chronic illness and/or disability is vital to providing quality, competent care. *Living with Chronic Illness and Disability: principles for nursing practice*, 3rd edition has been fully revised to reflect the most current local and international research, focusing on a range of common chronic illnesses and disabilities, including: stroke, cancer, heart disease, mental illness, dementia, diabetes, asthma and obesity. The third edition provides a holistic framework and models of care that are essential for caring for individuals and families living the life-altering journey of chronic illness and disability. A reinforced focus on person- and family-centred care Chapter 2 Partnerships in collaborative care includes new sections on the role of the pharmacist, paramedic and exercise physiologist Principles for nursing practice are embedded throughout Section 2 Evolve Resources for students and instructors provide additional multimedia resources and reflective questions to assist learning and promote self-inquiry

Ferri's Clinical Advisor 2024 - Fred F. Ferri 2023-06-13

For more than 25 years, *Ferri's Clinical Advisor* has provided immediate answers on the myriad medical diseases and disorders you're likely to encounter in a unique, easy-to-use format. A bestselling title year after year, this popular "5 books in 1" reference delivers vast amounts of information in a user-friendly manner. It is updated annually to provide current and clinically relevant answers on over 1,000 common medical conditions, including diseases and disorders, differential diagnoses, clinical algorithms, laboratory tests, and clinical practice guidelines—all carefully reviewed by experts in key clinical fields. Extensive algorithms, along with hundreds of high-quality photographs, illustrations, diagrams, and tables, ensure that you stay current with today's medical practice. Contains significant updates throughout all 5 sections, covering all aspects of diagnosis and treatment. Features 26 all-new topics including monkeypox, occupational asthma, care of the transgender patient, infantile hypotonia, long-

COVID, medical marijuana, cannabinoid use disorder, and abuse of performance enhancing hormones, among others. Includes useful appendices covering palliative care, preoperative evaluation, nutrition, poison management, commonly used herbal products in integrated medicine, and much more. Offers online access to Patient Teaching Guides in both English and Spanish.

Lippincott Manual of Nursing Practice - Suresh K. Sharma 2019-01-01

NA

Severe Asthma, An Issue of Immunology and Allergy Clinics of North America, E-Book - Rohit K. Katial 2016-07-20

This issue of Immunology and Allergy Clinics of

North America, guest edited by Dr. Rohit Katial, is devoted to Severe Asthma. Articles in this issue include: Epidemiology and Pulmonary Physiology of Severe Asthma; Linkage and Genetic Associations in Severe Asthma; Asthma COPD Overlap Syndrome (ACOS); Biomarkers in Severe Asthma; Imaging in Severe Asthma; Eosinophilic Phenotype; Neutrophilic and Pauci-immune Phenotypes; Role of Sleep Apnea and Gastroesophageal Reflux Disease in Severe Asthma; Role of Small Airways in Severe Asthma; Chronic Infection and Severe Asthma; Chronic Rhinosinusitis and Aspirin Associated Respiratory Disease; Psychosocial Factors in Severe Asthma; Traditional Therapies for Severe Asthma; and Emerging Biologics for Severe Asthma.