

Medical Management Of Pulmonary Diseases Clinical Guides To Medical Management

Principles of Pulmonary Medicine Pulmonary Diseases and Disorders **Disease Control Priorities in Developing Countries** **Acute Exacerbations of Pulmonary Diseases** **Medical Management of Pulmonary Diseases** **How Tobacco Smoke Causes Disease** **Baum's Textbook of Pulmonary Diseases** *Targeting Chronic Inflammatory Lung Diseases Using Advanced Drug Delivery Systems* **Lung Diseases: Chronic Respiratory Infections** **Chronic Obstructive Pulmonary Disease** **A Nationwide Framework for Surveillance of Cardiovascular and Chronic Lung Diseases** *Drugs for the Treatment of Respiratory Diseases* *Lung Epithelial Biology in the Pathogenesis of Pulmonary Disease* Crofton and Douglas's Respiratory Diseases Textbook of Pulmonary Diseases: Respiratory insufficiency **Targeting Cellular Signalling Pathways in Lung Diseases** *Year Book of Pulmonary Diseases 2014*, **Clinical Management of Pulmonary Disorders and Diseases** **Textbook of Pulmonary Diseases** **Year Book of Pulmonary Diseases 2013** **Kendig and Chernick's Disorders of the Respiratory Tract in Children** **E-Book** Respiratory Epidemiology **The Saint-Chopra Guide to Inpatient Medicine** **Palliative Care in Lung Disease** *Occupational and Environmental Lung Disease* Cardiac Considerations in Chronic Lung Disease **Interstitial Lung Disease** **E-Book** **Controversies in COPD** **Pulmonary Diseases, An Issue of Medical Clinics of North America, E-Book** **A Clinical Guide to Occupational and Environmental Lung Diseases** **Disease Control Priorities, Third Edition (Volume 5)** *Pulmonary Manifestations of Pediatric Diseases* *Difficult to Diagnose Rare Diffuse Lung Disease* **Fishman's Pulmonary Diseases and Disorders, 2-Volume Set, Sixth Edition** **Clinical Respiratory Medicine E-Book** **Advanced Drug Delivery Strategies for Targeting Chronic Inflammatory Lung Diseases** **Orphan Lung Diseases** Fishman's Manual of Pulmonary Diseases and Disorders, 3rd Ed **Respiratory Disease in Pregnancy** **Clinical Management of Chronic Obstructive Pulmonary Disease**

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Baum's Textbook of Pulmonary Diseases Jun 24 2022 Since its first publication in 1965, this text has been the definitive clinical book in the field. Written by more than 100 international experts, the focus is on the clinical aspects of treating pulmonary disease. The text is evidence-based and full of practical examples. Chapters are highly structured to provide quick access to information. The Seventh Edition has been condensed into a single concise yet comprehensive volume. A Brandon-Hill recommended title.

Fishman's Pulmonary Diseases and Disorders, 2-Volume Set, Sixth Edition Feb 26 2020 The definitive guide to the clinical and scientific aspects of pulmonary medicine?fully updated with the latest advances in the field Fishman's Pulmonary Diseases and Disorders delivers unparalleled coverage of pulmonary medicine. With nearly 2500 illustrations, 60 videos, and 22,000 references, this peerless, two-volume resource provides a comprehensive overview of the scientific basis of lung function in health and disease. You'll find detailed coverage of the broad array of disorders affecting the respiratory system, including obstructive and restrictive diseases, pulmonary vascular disorders, sleep-disordered breathing, lung neoplasms, respiratory infections, and respiratory failure. In addition, you'll learn about all the latest advances, including molecular development of the lung, stem cells and respiratory disease, the genetics of pulmonary disease, the growth of personalized medicine, technical advances in lung transplantation, and much more. Notable new content in the 6th edition includes discussion of the respiratory effects of vaping, detailed consideration of the idiopathic interstitial pneumonitides, state-of-the-art discussion of lung nodules, a summary of the use of immunotherapy in the treatment of lung cancer, COVID-19-related lung disease and its management, and a comprehensive discussion of noninvasive ventilation, including its use in ambulatory and ICU settings. In addition, new chapters on cystic lung disease, lung cancer screening, the lung microbiome, developmental lung disorders, nocardiosis and actinomycosis, and application of ECMO are included.

Kendig and Chernick's Disorders of the Respiratory Tract in Children E-Book Apr 10 2021 Kendig, Chernick's Disorders of the Respiratory Tract in Children is the definitive medical reference book to help you confront critical challenges using the latest knowledge and techniques. You'll get the state-of-the-art answers you need to offer the best care to young patients. Tackle the toughest challenges and improve patient outcomes with coverage of all the common and rare respiratory problems found in newborns and children worldwide. Get a solid foundation of knowledge to better understand and treat your patients through coverage of the latest basic science and its relevance to clinical problems. Get comprehensive, authoritative coverage on today's hot topics, such as interstitial lung disease, respiratory disorders in the newborn, congenital lung disease, swine flu, genetic testing for disease and the human genome, inflammatory cytokines in the lung, new radiologic techniques, diagnostic imaging of the respiratory tract, and pulmonary function tests. Learn from the experts with contributions from 100 world authorities in the fields of pediatrics,

pulmonology, neurology, microbiology, cardiology, physiology, diagnostic imaging, anesthesiology, otolaryngology, allergy, and surgery.

Textbook of Pulmonary Diseases: Respiratory insufficiency Oct 16 2021

Pulmonary Diseases, An Issue of Medical Clinics of North America, E-Book Aug 02 2020 In this issue of Medical Clinics, guest editor Daniel M. Goodenberger brings his considerable expertise to the topic of Pulmonary Diseases. Provides in-depth reviews on the latest updates in Pulmonary Diseases, providing actionable insights for clinical practice. Presents the latest information on this timely, focused topic under the leadership of experienced editors in the field; Authors synthesize and distill the latest research and practice guidelines to create these timely topic-based reviews.

Disease Control Priorities, Third Edition (Volume 5) May 31 2020 Cardiovascular, respiratory, and related conditions cause more than 40 percent of all deaths globally, and their substantial burden is rising, particularly in low- and middle-income countries (LMICs). Their burden extends well beyond health effects to include significant economic and societal consequences. Most of these conditions are related, share risk factors, and have common control measures at the clinical, population, and policy levels. Lives can be extended and improved when these diseases are prevented, detected, and managed. This volume summarizes current knowledge and presents evidence-based interventions that are effective, cost-effective, and scalable in LMICs.

Clinical Management of Chronic Obstructive Pulmonary Disease Aug 22 2019 This book reviews the differential diagnosis, pathogenesis, and clinical management of COPD, plus specific treatment regimens, treatment of acute exacerbations, goals of therapy, prognosis, nonpharmacologic management, and smoking cessation. A main focus of the text is pharmacologic treatment of COPD, with results of major clinical trials for COPD medication agents reviewed. Pertinent clinical issues encountered in the management of COPD are discussed. Relevant consensus statements and guidelines on treatment are reviewed and critiqued.

Targeting Chronic Inflammatory Lung Diseases Using Advanced Drug Delivery Systems May 23 2022 Targeting Chronic Inflammatory Lung Diseases Using Advanced Drug Delivery Systems explores the development of novel therapeutics and diagnostics to improve pulmonary disease management, looking down to the nanoscale level for an efficient system of targeting and managing respiratory disease. The book examines numerous nanoparticle-based drug systems such as nanocrystals, dendrimers, polymeric micelles, protein-based, carbon nanotube, and liposomes that can offer advantages over traditional drug delivery systems. Starting with a brief introduction on different types of nanoparticles in respiratory disease conditions, the book then focuses on current trends in disease pathology that use different in vitro and in vivo models. The comprehensive resource is designed for those new to the field and to specialized scientists and researchers involved in pulmonary research and drug development. Explores recent perspectives and challenges regarding the management and diagnosis of chronic respiratory diseases Provides insights into how advanced drug delivery systems can be effectively formulated and delivered for the management of various pulmonary diseases Includes the most recent information on diagnostic methods and treatment strategies using controlled drug delivery systems (including nanotechnology)

Difficult to Diagnose Rare Diffuse Lung Disease Mar 29 2020 Difficult to Diagnose Rare Diffuse Lung Disease presents the theoretical basis and practical aspects of differential diagnosis of rare lung diseases with the use of new method of probe-based confocal laser endomicroscopy (alveoscopy) of the distal respiratory region. Each chapter describes signs and symptoms of the disease and its typical and atypical manifestations. The book contains full color illustrations including high-resolution histological microphotographs, CT-scans and confocal laser endomicroscopy images. Combined these elements make Difficult to Diagnose Rare Diffuse Lung Disease an invaluable reference and guide for pulmonary researchers, pulmonologists, radiologists, and pathologists who wish to broaden their spectrum of knowledge in rare lung diseases. Highlights the new method of probe-based confocal laser endomicroscopy (alveoscopy) of the distal respiratory region, opening new horizons in the minimally invasive diagnosis of lung diseases Each chapter discusses current treatment strategies in accordance with clinical guidelines including data from the latest clinical trials The differential diagnosis of each disease is presented in tabular format to aid in the diagnostic process

Acute Exacerbations of Pulmonary Diseases Sep 27 2022 The field of acute exacerbations in chronic respiratory disease is challenging: definitions of acute exacerbations differ amongst the diseases and their severity has proven difficult to define. The Guest Editors of this Monograph tackle this challenging area by bringing together articles from internationally recognised experts in the field of acute exacerbations in chronic lung diseases. The book is separated into three sections: the first considers the definition, severity and consequences of exacerbations in each disease; the second looks at exacerbation triggers; and the third discusses the treatment and prevention of exacerbations using pharmacological and non-pharmacological interventions. The book's structure allows comparisons between the definitions, short- and long-term consequences, triggers and therapeutic management of different respiratory diseases. It serves as a complete reference that raises awareness about the importance of acute exacerbations in patients with chronic lung diseases.

The Saint-Chopra Guide to Inpatient Medicine Feb 08 2021 THE DEFINITIVE GUIDE TO INPATIENT MEDICINE, UPDATED AND EXPANDED FOR A NEW GENERATION OF STUDENTS AND PRACTITIONERS A long-awaited update to the acclaimed Saint-Frances Guides, the Saint-Chopra Guide to Inpatient Medicine is the definitive practical manual for learning and practicing inpatient medicine. Its end-to-end coverage of the specialty focuses on both commonly encountered problems and best practices for navigating them, all in a portable and user-friendly format. Composed of lists, flowcharts, and "hot key" clinical insights based on the authors' decades of experience, the Saint-Chopra Guide ushers clinicians through common clinical scenarios from admission to differential diagnosis and clinical plan. It will be an invaluable addition -- and safety net -- to the repertoire of trainees, clinicians, and practicing hospitalists at any stage of their career.

Occupational and Environmental Lung Disease Dec 06 2020 This Monograph provides the general respiratory physician with a working reference based on the latest literature and expert opinion. The initial chapter provides a contemporaneous global perspective of the epidemiology of occupational and environmental lung diseases in an ever-evolving landscape. The book then goes on to consider specific occupational lung diseases. Each chapters has a clear clinical focus and considers: key questions to ask in the history; appropriate investigations to undertake; differential diagnoses; and management. Controversies or diagnostic conundrums encountered in the clinic are also considered, and further chapters are more broadly centred on the non-workplace environment; specifically, the respiratory symptoms and diseases associated with both the outdoor and indoor environments.

Crofton and Douglas's Respiratory Diseases Nov 17 2021 Now in its Fifth Edition, Crofton and Douglas's Respiratory Diseases has firmly established itself as the leading clinical textbook on diseases of the chest. Presented, for the first time, as a two-volume set, this classic text has been completely rewritten and greatly expanded. Extensive revisions ensure that these volumes present an up-to-date review of all aspects of lung disease. The contributions of some 18 leading authorities ensure that each area is comprehensively covered and new to this edition are chapters on the genetics of lung disease, smoking, air pollution, sleep apnoea, diving, lung transplantation and medico-legal aspects. The changes in content reflect the pace of change in the areas concerned not only in terms of understanding of the disease processes but also their treatment. The single chapter on asthma that appeared in previous editions, has now been expanded into three chapters covering epidemiology, mechanisms and management, reflecting the enormous research effort currently underway following a marked increase in the incidence of this disease in recent years. This new edition continues to provide an excellent reference both for the trainee and specialist in respiratory medicine, as well as the general physician. It will be extremely useful on the ward and in the office, where clinical problems arise and questions are asked which need clear answers.

Respiratory Disease in Pregnancy Sep 22 2019 Covers a broad spectrum of respiratory diseases during pregnancy, in order to improve successful management of both mother and fetus.

A Clinical Guide to Occupational and Environmental Lung Diseases Jul 01 2020 A Clinical Guide to Occupational and Environmental Lung Diseases delivers a concise compendium to the diagnosis and management of occupational and environmental lung diseases, incorporating evidence-based guidelines where available. Each chapter provides an updated review and a practical approach to different occupational and environmental lung diseases. With rapidly changing technology, new conditions and exposures will undoubtedly emerge. Clinicians need to remain vigilant about assessing the potential link between lung diseases and environmental exposures, and this book provides a practical guide to recognize, diagnose, and prevent occupational and environmental lung diseases. Written for practicing clinicians including internists, pulmonologists, and primary care providers, as well as industrial hygienists and environmental regulators, A Clinical Guide to Occupational and Environmental Lung Diseases is a timely and important new volume and an invaluable contribution to the literature.

Medical Management of Pulmonary Diseases Aug 26 2022 This handy, accessible single volume presents useful clinical information to expose the pathophysiology underlying major pulmonary diseases, and traces the steps of treatment, from establishing diagnosis to managing therapy. Contains more than 400 summary tables, radiographs, pathology specimens, and other illustrations that encapsulate information and highlight key points! A suggested reading list accompanies each chapter to facilitate further study! Written by over 55 internationally recognized experts who provide personal experiences, observations, and review statements, and recommend action based on their expertise dealing with patients, Medical Management of Pulmonary Diseases assesses new, efficient, cost-effective technologies for asthma and for the delivery of oxygen therapy evaluates new directions in the diagnosis and treatment of cystic fibrosis, lung cancer, occupational lung diseases, and diffuse interstitial lung disease describes the anatomy and physiology of the respiratory tract and includes examples of abnormalities drawn from common respiratory diseases discusses standard therapies for most pulmonary disease patients as well as targeted management for specific cases addresses common diagnostic and treatment dilemmas and suggests helpful algorithms for care spotlights asthma, chronic obstructive pulmonary disease, sleep-disordered breathing, tuberculosis, and other conditions that warrant careful management follows the progression of lung cancer from initial diagnosis through staging, and explores individualized therapy options considers special environments that may contribute to respiratory symptoms details the effect pregnancy and surgery have on pulmonary disease and more! Medical Management of Pulmonary Diseases serves as an excellent user-friendly guide ideal for primary care, internal medicine, and family practice physicians; pulmonologists and pulmonary disease specialists; clinical allergists; immunologists; respiratory therapists; thoracic surgeons; physiologists; and medical school students in these disciplines.

Chronic Obstructive Pulmonary Disease Mar 21 2022 This book considers chronic obstructive pulmonary disease (COPD) not as a simple inflammation of the lung but as a systemic inflammatory disease. Beginning with epidemiological studies, etiology, diagnosis and treatment, it elaborates further, illustrating some comorbidities and associations with other respiratory diseases. As such it provides numerous improved and more comprehensive treatment methods, including drug therapies as well as some non-drug therapies. There are also chapters describing the pathogenesis, genetic abnormalities and newly discovered pathogenetic mechanisms that are expected to be studied further in the future. Edited and written by pioneering researchers, each chapter summarizes the latest trends, describes future prospects and explores the unresolved and critical questions. Chronic Obstructive Pulmonary Disease - A Systemic Inflammatory Disease is a valuable resource to beginning researchers, physicians engaged in clinical practice, supervisors, and basic researchers whose work includes COPD.

Pulmonary Manifestations of Pediatric Diseases Apr 29 2020 A practical approach to treating the respiratory aspects of pediatric conditions.

A Nationwide Framework for Surveillance of Cardiovascular and Chronic Lung Diseases Feb 20 2022 Chronic diseases are common and costly, yet they are also among the most preventable health problems. Comprehensive and accurate disease surveillance systems are needed to implement successful efforts which will reduce the burden of chronic diseases on the U.S. population. A number of sources of surveillance data--including population surveys, cohort studies, disease registries, administrative health data, and vital statistics--contribute critical information about chronic disease. But no central surveillance system provides the information needed to analyze how chronic disease impacts the U.S. population, to identify public health priorities, or to track the progress of preventive efforts. A Nationwide Framework for Surveillance of Cardiovascular and Chronic Lung Diseases outlines a conceptual framework for building a national chronic disease surveillance system focused primarily on cardiovascular and chronic lung diseases. This system should be capable of providing data on disparities in incidence and prevalence of the diseases by race, ethnicity, socioeconomic status, and geographic region, along with data on disease risk factors, clinical care delivery, and functional health outcomes. This coordinated surveillance system is needed to integrate and expand existing information across the multiple levels of decision making in order to generate actionable, timely knowledge for a range of stakeholders at the local, state or regional, and national levels. The recommendations presented in A Nationwide Framework for Surveillance of Cardiovascular and Chronic Lung Diseases focus on data collection, resource allocation, monitoring activities, and implementation. The report also recommends that systems evolve along with new knowledge about emerging risk factors, advancing technologies, and new understanding

of the basis for disease. This report will inform decision-making among federal health agencies, especially the Department of Health and Human Services; public health and clinical practitioners; non-governmental organizations; and policy makers, among others.

Clinical Respiratory Medicine E-Book Jan 27 2020 Clinical Respiratory Medicine provides practical guidance to help you more effectively diagnose and manage the full range of pulmonary disorders, including those seen in today's most challenging patient populations. In print and online, this medical reference book delivers the answers you need to ensure the best outcomes. Better manage and treat patients with pulmonary disease with complete clinical coverage of the critical information relevant to your everyday practice, presented in a templated, user-friendly format. Find critical information quickly with the help of diagnostic algorithms. Thoroughly understand the needs and recognize co-morbidities of particular patient populations through entirely new chapters on lung structure, echocardiography, and obesity and its effects. Access the latest research and advancements in lung cancer, benign tumors, and the importance of pulmonary physiology in understanding lung function and the disease processes that occur. Watch and learn. Over 80 videos of practical procedures and interactive review questions are available online at www.expertconsult.com.

Principles of Pulmonary Medicine Dec 30 2022 The extensively updated 3rd Edition correlates basic pathophysiologic principles with physiologic, radiologic, and clinical management of disease to provide a user-friendly approach to the study of pulmonary medicine. This edition presents current information and therapies on cystic fibrosis, lung cancer, pulmonary hypertension, tuberculosis, and respiratory failure. Contains updates on interstitial lung disease, new pathophysiology of asthma and more!

Lung Epithelial Biology in the Pathogenesis of Pulmonary Disease Dec 18 2021 Lung Epithelial Biology in the Pathogenesis of Pulmonary Disease provides a one-stop resource capturing developments in lung epithelial biology related to basic physiology, pathophysiology, and links to human disease. The book provides access to knowledge of molecular and cellular aspects of lung homeostasis and repair, including the molecular basis of lung epithelial intercellular communication and lung epithelial channels and transporters. Also included is coverage of lung epithelial biology as it relates to fluid balance, basic ion/fluid molecular processes, and human disease. Useful to physician and clinical scientists, the contents of this book compile the important and most current findings about the role of epithelial cells in lung disease. Medical and graduate students, postdoctoral and clinical fellows, as well as clinicians interested in the mechanistic basis for lung disease will benefit from the book's examination of principles of lung epithelium functions in physiological condition. Provides a single source of information on lung epithelial junctions and transporters. Discusses the role of the epithelium in lung homeostasis and disease. Includes capsule summaries of main conclusions as well as highlights of future directions in the field. Covers the mechanistic basis for lung disease for a range of audiences.

Fishman's Manual of Pulmonary Diseases and Disorders, 3rd Ed Oct 24 2019 This book is a quick-reference pocket manual which concisely presents important clinical information contained in the two-volume Fishman's Pulmonary Diseases & Disorders, 3/e. For each condition, the manual covers clinical evaluation, work up, differential diagnosis, and treatment.

Interstitial Lung Disease E-Book Oct 04 2020 Clinically focused and designed to provide a to-the-point overview, Interstitial Lung Disease, by Drs. Talmadge King, Harold Collard, and Luca Richeldi, bring you up to date with increased understanding, new treatment protocols, and recent advances in the field. Written by contributing specialists who are global experts in their respective areas, this one-stop reference provides pulmonologists, intensivists, internal medicine physicians, and researchers with a dependable source of information on current treatment options and patient care. • Evidence for current treatment options for interstitial pneumonia, idiopathic pulmonary fibrosis, and smoking-related interstitial lung diseases. • Approach to diagnosis of interstitial lung diseases, such as sarcoidosis, hypersensitivity pneumonitis, and Churg-Strauss syndrome. • Genetic markers for inherited interstitial lung diseases such as dyskeratosis congenita, tuberous sclerosis/LAM, and hyper-IgE syndrome.

Textbook of Pulmonary Diseases Jun 12 2021

Orphan Lung Diseases Nov 24 2019 Orphan lung diseases differ from the more common pulmonary disorders, due to the fact that the respiratory physician will only see a few of them each year or even during their career. However, as a specialist, it is necessary to identify and confirm such a diagnosis in a patient. This Monograph comprehensively covers the most common and/or complex of these orphan lung diseases. This Monograph should be seen as a solid companion for the respiratory specialist each time they need to consider a diagnosis of one of these orphan diseases.

Disease Control Priorities in Developing Countries Oct 28 2022 Based on careful analysis of burden of disease and the costs of interventions, this second edition of 'Disease Control Priorities in Developing Countries, 2nd edition' highlights achievable priorities; measures progress toward providing efficient, equitable care; promotes cost-effective interventions to targeted populations; and encourages integrated efforts to optimize health. Nearly 500 experts - scientists, epidemiologists, health economists, academicians, and public health practitioners - from around the world contributed to the data sources and methodologies, and identified challenges and priorities, resulting in this integrated, comprehensive reference volume on the state of health in developing countries.

How Tobacco Smoke Causes Disease Jul 25 2022 This report considers the biological and behavioral mechanisms that may underlie the pathogenicity of tobacco smoke. Many Surgeon General's reports have considered research findings on mechanisms in assessing the biological plausibility of associations observed in epidemiologic studies. Mechanisms of disease are important because they may provide plausibility, which is one of the guideline criteria for assessing evidence on causation. This report specifically reviews the evidence on the potential mechanisms by which smoking causes diseases and considers whether a mechanism is likely to be operative in the production of human disease by tobacco smoke. This evidence is relevant to understanding how smoking causes disease, to identifying those who may be particularly susceptible, and to assessing the potential risks of tobacco products.

Year Book of Pulmonary Diseases 2013 May 11 2021 The Year Book of Pulmonary Disease brings you abstracts of the articles that reported the year's breakthrough developments in pulmonary disease carefully selected from more than 500 journals worldwide. Expert commentaries evaluate the clinical importance of each article and discuss its application to your practice. Topics such as Asthma and Cystic Fibrosis, Chronic Obstructive Pulmonary Disease, Lung Cancer, Community-Acquired Pneumonia, Lung Transplantation, Sleep Disorders, and Critical Care Medicine are

represented highlighting the most current and relevant articles in the field.

Controversies in COPD Sep 03 2020 Edited by Antonio Anzueto, Yvonne Heijdra and John R. Hurst COPD is one of the most common diseases worldwide and is projected to be the third leading cause of death by 2020. But that does not mean it is easy to understand or manage. In everyday practice, pulmonologists face areas of controversy in COPD, for which evidence-based medicine is often unavailable. This ERS Monograph considers where the current controversies in COPD lie, discussing areas such as screening, premature birth, asthma-COPD overlap syndrome, treatment, rehabilitation and palliative care. This book will be of great interest to both clinicians and scientists, and aims to stimulate further discussion about this diverse and fascinating disease. "...contains a vast amount of information on the disease, its prevalence, signs and symptoms, diagnostic tests and treatment options. The book's format makes it quick and simple to find out what you need to know, and its size would make it easy to take to work for use in practice [...] invaluable for anyone working with patients with the disease." Emma Vincent, Nursing Standard

Clinical Management of Pulmonary Disorders and Diseases Jul 13 2021 The book endeavors to provide a stimulating and thought provoking scientific content to share and exchange new clinical studies and advancements in dealing with pulmonary diseases. The topics vary from clinical to translational research in respiratory diseases such as lung cancer, obstructive sleep apnea, chronic obstructive pulmonary disease, bacterial and fungal infections, lung lesions during febrile maladies, and others. An attempt has been made to show the intertwined relationship between the pulmonary system and other body systems such as kidney, cardiac, or hormonal functions. The ensuing interlocked morbidities, often exacerbating one another, require the coordination of various medical specialties to optimize the diagnostic and therapeutic processes. The knowledge sharing through publications of research and clinical experiences is indispensable to accelerate the innovation spectrum and to continue working on the therapeutic and preventive strategies in chronic pulmonary diseases. The book is addressed to pulmonologists, chest physicians, researchers, and healthcare professionals engaged in patient care.

Year Book of Pulmonary Diseases 2014, Aug 14 2021 The Year Book of Pulmonary Disease brings you abstracts of the articles that reported the year's breakthrough developments in pulmonary disease carefully selected from more than 500 journals worldwide. Expert commentaries evaluate the clinical importance of each article and discuss its application to your practice. Topics such as Asthma and Cystic Fibrosis, Chronic Obstructive Pulmonary Disease, Lung Cancer, Community-Acquired Pneumonia, Lung Transplantation, Sleep Disorders, and Critical Care Medicine are represented highlighting the most current and relevant articles in the field.

Lung Diseases: Chronic Respiratory Infections Apr 22 2022 This book is a printed edition of the Special Issue "Lung Diseases: Chronic Respiratory Infections" that was published in *IJMS Pulmonary Diseases and Disorders* Nov 29 2022

Targeting Cellular Signalling Pathways in Lung Diseases Sep 15 2021 The book comprehensively reviews and provides detailed insight into the cellular and molecular signalling mechanisms involved in pathophysiology of various respiratory diseases, towards developing effective therapeutic strategies in the management and treatment of lung disease. It also covers promising advances in the field of therapeutics that could lead to novel clinical therapies capable of preventing or reversing the disease features including novel strategies for targeting chronic lung diseases using advanced drug delivery systems. Importantly, the book examines the significance and relevance of the plant extracts and their constituents with therapeutic efficiencies against lung diseases. As such, the book offers a blend of translational, biological, chemical, and drug delivery aspects relevant to respiratory diseases, thus, offering a valuable resource for pulmonologists and translational researchers working in the field of pulmonary biology and respiratory medicine.

Cardiac Considerations in Chronic Lung Disease Nov 05 2020 This book comprehensively covers chronic lung disease and cardiovascular disease and their influence on one another including the epidemiology, physiology, risk factors, pathophysiology, clinical features, diagnostic issues including laboratory and imaging tests, and therapeutic considerations. How the diseases specifically overlap is explored in detail, covering presentation, symptoms, clinical examination findings, diagnostic test results, as well as a number of important medication interactions. The cardiovascular considerations in this book will include left ventricular systolic and diastolic dysfunction, pulmonary hypertension and right ventricular disease, as well as cardiac arrhythmias. The book also addresses extra-cardiac cardiovascular comorbidities such as cerebrovascular disease and peripheral arterial disease. Each chapter includes detailed illustrations as well as useful pearls and best practices, making this an ideal reference for pulmonologists, cardiologists, and residents caring for patients with increased risk for these comorbidities.

Drugs for the Treatment of Respiratory Diseases Jan 19 2022 This volume surveys and evaluates drug treatments available for the main categories of lung diseases.

Palliative Care in Lung Disease Jan 07 2021 This book details the benefits of palliative care to improve the lives of patients with serious lung disease and their caregivers. Palliative care is specialized medical care for people living with a serious illness. This type of care is focused on providing relief from the symptoms and stress of a serious illness, and is often described as "an extra layer of support" for patients and their caregivers, as patients with malignant and nonmalignant lung disease experience great symptom burden and have advanced care planning needs. This book has three main objectives: Define the role of palliative care in advanced lung disease Incorporate a patient-centered perspective in describing symptom burden and interventions to improve quality of life Provide current initiatives to expand evidence-based practice and improve access to palliative care Written by leading experts in palliative care and respiratory medicine, the chapters seek to answer those objectives by first defining and describing palliative care, advanced lung disease, and inadequate palliative care in this patient population. Patient reported outcomes, quality of life, and interventions to help deal with the psychological toll of serious illness are then detailed, as well as pharmacological and non-pharmacological interventions for symptom management. Detailed information is additionally provided on current research studies and management for several lung diseases, including COPD, ILD, Lung Cancer, Pulmonary Arterial Hypertension, Neuromuscular disease, and pediatric lung disease. The more administrative aspects of palliative care programs are then covered with an example of a specialty palliative care program for advanced lung disease and advice on how to address policy that promotes palliative care. Finally, palliative care's role during a pandemic is thoughtfully considered. This book is an ideal guide for clinicians, nurses, hospital administrators, teachers, students to help them understand and fill unmet care needs that many patients with serious lung disease experience.

Respiratory Epidemiology Mar 09 2021 Over the last decade, the volume of research into the pathophysiology and genetics of pulmonary diseases has increased greatly. This has led to the development of new treatments and therapies for many diseases, including lung cancer, asthma and cystic fibrosis. This issue of the ERS Monograph comprehensively demonstrates the developments in respiratory medicine in recent years. It outlines the importance of epidemiology in respiratory medicine, and will prove a methodological tool that will help disease management. It should also be used as an advocacy tool for the sake of public health.

Advanced Drug Delivery Strategies for Targeting Chronic Inflammatory Lung Diseases Dec 26 2019 This book describes the growing clinical and healthcare relevance of nano-therapeutics in treating respiratory diseases. It begins with a brief introduction on the different types of nanoparticles in respiratory disease conditions. It further discusses the current trends in understanding the disease pathology using different in vitro and in vivo models, which are important towards the onsite clinical applications and development of new therapeutics. The book includes exciting topics such as formulation of these nanoparticles, targeting various organelles etc. It also describes the future prospects and challenges in the field. Different chapters are written by researchers actively working in the area of pulmonary diseases. This book is designed to address the requirements of both beginners and specialized scientists involved in pulmonary research. The contents include basic concepts followed by advanced state-of-art monitoring and treatment of diseases. The book is meant for researchers and industry experts in nanotechnology, pharmaceutical sciences and drug design.

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