Chronic Obstructive Pulmonary Disease (COPD) is a progressive, largely irreversible lung condition characterized by airflow obstruction. Although cigarette smoking is the primary risk factor, other factors such as air pollution and occupational exposure to dust and gases can also contribute to the development of COPD. COPD is classified into four stages based on the severity of airflow obstruction: mild, moderate, severe, and very severe. The symptoms of COPD include cough, shortness of breath, chest tightness, wheezing, and chronic phlegm production. The treatment of COPD focuses on symptom management, smoking cessation, and maintenance of health to prevent exacerbations. The mainstay of COPD treatment is long-acting bronchodilators, which are used as daily medication. Patients are also prescribed inhaled corticosteroids to reduce inflammation and prevent exacerbations. Oxygen therapy is used to treat hypoxemia, and pulmonary rehabilitation is recommended to improve physical fitness and quality of life. Exacerbations are treated with antibiotics and corticosteroids, and hospitalization is sometimes needed for severe exacerbations. Chronic inflammation such as seen in periodontitis and its bidirectional influence on the systemic health has been of increased interest for a decade. In this textbook, using the MEAW technique for the effective treatment of class II deep bite malocclusion and the timely management of cleft lip and palate to benefit the holistic welfare of the patient. This book helps access and other healthcare professionals to support these practices. Some of the most promising treatments hope to take advantage of the new insights on this highly prevalent condition and its comorbidities. Clinics Collections: Chronic Obstructive Pulmonary Disease guides readers on how to apply current insights on this highly prevalent condition and its comorbidities. Clinics Collections: Chronic Obstructive Pulmonary Disease is an unprecedented resource for the management of COPD. It covers the full spectrum of COPD management, ranging from smoking cessation to the most recent clinical practice guidelines. This book brings a new approach to the subject of chronic obstructive pulmonary disease, highlighting the current areas of controversy and debate. It addresses many of the problems with different aspects of respiratory muscle malfunction, including those related to the mechanical aspects of respiration, such as the interaction between the respiratory muscles and the thoracic cage, and those related to the functional aspects of respiration, such as the interaction between the respiratory muscles and the cardiovascular system. The stress of respiratory muscle malfunction is a major concern in the management of patients with chronic obstructive pulmonary disease, as these patients are often highly stressed and have limited exercise capacity. The results of recent research have shown that the stress of respiratory muscle malfunction can affect the cardiovascular system, leading to increased cardiovascular risk and mortality. This book is a valuable resource for researchers and clinicians in the field of respiratory medicine, as it addresses the fundamental aspects of respiratory muscle malfunction and highlights the current areas of controversy and debate. The book is an excellent resource for anyone interested in the topic of respiratory muscle malfunction, including researchers, clinicians, and students. This book brings a new approach to the subject of chronic obstructive pulmonary disease, highlighting the current areas of controversy and debate. It addresses many of the problems with different aspects of respiratory muscle malfunction, including those related to the mechanical aspects of respiration, such as the interaction between the respiratory muscles and the thoracic cage, and those related to the functional aspects of respiration, such as the interaction between the respiratory muscles and the cardiovascular system. The stress of respiratory muscle malfunction is a major concern in the management of patients with chronic obstructive pulmonary disease, as these patients are often highly stressed and have limited exercise capacity. The results of recent research have shown that the stress of respiratory muscle malfunction can affect the cardiovascular system, leading to increased cardiovascular risk and mortality. This book is a valuable resource for researchers and clinicians in the field of respiratory medicine, as it addresses the fundamental aspects of respiratory muscle malfunction and highlights the current areas of controversy and debate. The book is an excellent resource for anyone interested in the topic of respiratory muscle malfunction, including researchers, clinicians, and students.
COPD: Pharmacology and Practice - Third Edition

P. M. A. Calverley - 2013-11-11

This handbook of current knowledge on pharmacology and practice in COPD is a single-volume guide to all the important topics needed to deliver effective treatment to patients with COPD.

Chronic Obstructive Pulmonary Disease: A Collection of Personal Stories

Chapman Stuart - 2010-04-14

In Chronic Obstructive Pulmonary Disease: A Collection of Personal Stories, you will learn what COPD is and what it is not. Written in the actual voices of real patients and family members, you will hear what worried them, what helped them, the good advice they have to share, and even some unexpected joys.

My Physician's Guide to Chronic Obstructive Pulmonary Disease

Michael J. Scadding - 2010-04-01

The My Physician's Guide associations are composed of medical professionals who care together with the goal of educating the public on critical health issues. Focusing on health knowledge and experiences of others, our resource has sought to educate and reinforce, particularly in the case of COPD.

The Philadelphia Manual: Pulmonary Medicine, 1e

Michael J. Scadding - 2010-04-01

The Philadelphia Manual: Pulmonary Medicine, 1e is a practical reference for all pulmonary and critical care physicians. The book is a comprehensive resource for management of patients with pulmonary disease.

Harrison's Principles of Internal Medicine, 19 ed.

Robert M. Kasper, Edward D. Cox, Thomas F. Cambria, and Edward L. Golub - 2011-02-01

This new edition of Harrison’s Principles of Internal Medicine is written in an updated, briefer format, incorporating the latest updates and most contemporary thinking in medicine.

Lung Volume Reduction Surgery: Indications and Outcomes

J. Michael Weibel, Roy R. Coté, and Hans-Joachim Breuer - 2010-02-15

Volume trends in the field have led to modifications in indications and clinical outcomes. The goal of this book is to provide a comprehensive overview of this unique surgical intervention.

Management of Chronic Obstructive Pulmonary Disease (COPD) - Second Edition

A. M. Goldstein - 2006-06-25

Management of Chronic Obstructive Pulmonary Disease (COPD) is a major cause of morbidity and mortality worldwide. COPD is associated with significant economic and social costs and is a major cause of disability and health care expenditures.

Evidence-based Clinical Medicine: Third Edition

Charles H. Haddad - 2010-03-02

Evidence-based Clinical Medicine, Third Edition is the most comprehensive and accessible reference in the field of evidence-based medicine. The book describes the entire spectrum of the evidence-based medicine methodology, from basic concepts to cutting-edge technology.

Harrison's Principles of Internal Medicine, 18 ed.

Robert M. Kasper, Edward D. Cox, Thomas F. Cambria, and Edward L. Golub - 2011-01-01

Harrison’s Principles of Internal Medicine, Nineteenth Edition is written for the medical student and physician, providing a complete and current comprehensive summary of medical knowledge.

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Your Guide to Chronic Obstructive Pulmonary Disease (COPD): An Interactive Manual for Patients, Families, and Caregivers

Karen L. Sanders, Janice M. Brown, and Jennifer D. Pickett - 2010-04-01

Your Guide to Chronic Obstructive Pulmonary Disease (COPD) is a comprehensive resource for patients and family members who care for loved ones with COPD.

Harrison's Principles of Internal Medicine, 17 ed.

Robert M. Kasper, Edward D. Cox, Thomas F. Cambria, and Edward L. Golub - 2010-07-01

This comprehensive resource is written for the medical student and physician, providing a complete and current comprehensive summary of medical knowledge.
Harrison's Principles of Internal Medicine 20/E (Vol.1 & Vol.2) (ebook) - Dennis L. Kasper - 2018-02-06

Harrison's Principles of Internal Medicine 20/E provides a robust platform for further study and research. It offers a wealth of practical and immediate clinical evidence and presents a clear blueprint for optimizing patient outcomes. End-of-chapter suggested readings reinforce the text material and educate and practice. Updated clinical guidelines, expert opinions, and treatment approaches from world-renowned editors and authors contribute to the accuracy and immediacy of the text material and present a clear blueprint for optimizing patient outcomes. Each chapter suggested readings reinforce the text material and provide a robust platform for further study and research.

Harrison's Principles of Internal Medicine 20/E (Vol.3 & Vol.4) (ebook) - Dennis L. Kasper - 2018-02-06

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Addressing the Burden of Chronic Obstructive Pulmonary Disease (COPD) in Rural America - National Advisory Committee on Rural Health and Human Services (U.S.) - 2018

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