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The clinical specifications developed in this book, particularly those reported in the pediatric population to those reported in complex shapes at ACOS patients. emphasis on the importance of not only biomarkers but also critical aspects regarding the variability in pharmacodynamics responsible for the individual response to the different drugs on the therapeutic plan. The contribution of several well-known specialists with their profound knowledge inherent to this issue into different age groups and geo-geographical contexts has resulted in this interesting book with relevant key contexts in asthma.

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Personalizing Asthma Management for the Clinician - Stanley J. Szefler - 2017-09-22

Personalizing medicine is a rapidly emerging area in health care, and asthma management lends itself particularly well to this new development. This practical resource by Dr. Stanley J. Szefler helps you navigate the many asthma medication options available to your patients, as well as providing insights into those which may be introduced within the next few years. In a wealth of information on available asthma medications, new biomarkers, new responses to treatment, and new treatment strategies at all levels of asthma care. Prepares you to meet your patients' needs regarding asthma exacerbation prevention and asthma prevention. Combines data and information in this timely area into one convenient resource.

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New Drugs for Asthma Therapy - Trevor T. Hansel - 2001-01-01

This book provides a state-of-the-art account by academic respiratory physicians and senior pharmaceutical industry personnel on the development of new drugs for asthma, allergy, and COPD. It contains 80 chapters of highly condensed information, presented in an attractive, reader-friendly format with much use of tables, figures and diagrams. It provides a wide range of current approaches, this handbook also looks into the future, considering many topics that are promising, but have only emerged in the last few years. Developments within established drug categories such as beta-2-agonists, steroids and leukotriene antagonists are also reviewed. Never before has a single book brought together so many pharmaceutical drug developers sharing their experience on such a wide range of respiratory topics.

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New Drugs in Asthma and Allergy - Thomas W. Haney - 1997-03-07

Readers will be aware that asthma is one of the commonest chronic diseases of industrialised societies, with an increase in morbidity and mortality, despite the availability of a range of different drugs. In an effort to improve the treatment of asthmatic patients, international guidelines have recently recognised asthma as an inflammatory disease, and there has been a change in emphasis from bronchodilator drugs towards use of anti-inflammatory treatments. This volume brings together the latest developments in our understanding of the mechanisms of asthma, considers the safety of beta-blocker agonists, and explores latest developments in the use of phosphodiesterase (PDE) inhibitors in asthma therapy. The second international conference on 'New Drugs in Asthma and Allergy' was held in Davos on 8-10 July 1992. It was attended by over 300 participants from 51 countries. In addition to summarizing the diverse range of current approaches, this handbook also looks into the future, considering many topics that are promising, but have only emerged in the last few years. Developments within established drug categories such as beta-2-agonists, steroids and leukotriene antagonists are also reviewed. Never before has a single book brought together so many pharmaceutical drug developers sharing their experience on such a wide range of respiratory topics.

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New and Exploratory Therapeutic Agents for Asthma - Michael Yeadon - 1999-11-12

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NewDrugsforasthmatreatmentagentsandactionsupplementsvol34.pdf
modern], limitations and their future prospects. Oral anti-inflammatory therapy is an immunomodulator that lowers antigen-specific IgE, an anticytokine compound, and an agent that safely combines bronchospasmolytic and anti-inflammatory properties reviews the impact of the recent introduction of antileukotriene agents, clinical findings with PAF antagonists, and selected topics in asthma and COPD. The relationship between improvements in laboratory research and the development of new anti-inflammatory agents is highlighted in this issue. A review of the current status of research on glucocorticoids, their mechanisms of action, and their role in the pathogenesis of asthma gives an overview of the current knowledge of glucocorticoids as a therapeutic tool in asthma and other respiratory diseases. The editors have focused on the pathophysiology of asthma and its management through a variety of therapeutic approaches, including pharmacologic and non-pharmacologic interventions. They have also highlighted the importance of understanding the complex interplay between environmental factors and genetic predisposition in the development of asthma. The book provides a comprehensive overview of the current understanding of asthma and its management, offering insights into the latest research and clinical practice. This book is designed to aid diagnosis, management, and treatment.

Asthma: Pathophysiology, Herbal and Modern Therapeutic Interventions - Sheikh Rajeev - 2021-03-27

As a chronic disease, asthma affects millions of people worldwide and is a leading cause of morbidity and mortality. It is characterized by recurrent episodes of wheezing, coughing, chest tightness, and shortness of breath. The condition is caused by inflammation and airway hyper-responsiveness, leading to increased airway resistance and airway obstruction. The primary goal of asthma management is to control symptoms, prevent exacerbations, and improve long-term outcomes. This includes the use of inhaled corticosteroids (ICS), long-acting beta-2 agonists (LABA), rapid-onset long-acting beta-2 agonists (RLOA), long-acting muscarinic antagonists (LAMA), and oral corticosteroids (OCS). The book focuses on the pathophysiology of asthma, its medication (both herbal and modern), and discusses various herbal and modern therapeutic interventions. It also highlights the importance of understanding the complex interplay between environmental factors and genetic predisposition in the development of asthma. The book provides a comprehensive overview of the current understanding of asthma and its management, offering insights into the latest research and clinical practice. This book is designed to aid diagnosis, management, and treatment.

Bronchial Asthma - M. Eric Gershwin - 2001-04-15

Intensive care treatment for bronchial asthma is focused on the management of hyper-responsiveness, airway inflammation, mucus production, airflow obstruction, and bronchoconstriction. The book covers the current state of research on glucocorticoids, their mechanisms of action, and their role in the pathogenesis of asthma, giving an overview of the current knowledge of glucocorticoids as a therapeutic tool in asthma and other respiratory diseases. They have also highlighted the importance of understanding the complex interplay between environmental factors and genetic predisposition in the development of asthma. The book provides a comprehensive overview of the current understanding of asthma and its management, offering insights into the latest research and clinical practice. This book is designed to aid diagnosis, management, and treatment.

Severe Asthma - Jian Fan Chung - 2006-06-01

Bronchial Asthma - M. Eric Gershwin - 2001-04-15

Gluocorticoids - Xiaomin Qian - 2012-11-28

Changes in Children's Use and Expenditures for Asthma Medications, United States, 1997-1998 to 2007-2008

During that time, we have witnessed an enormous improvement in the understanding of the basic pathophysiology of asthma and, more importantly, better treatment options. However, there are still many gaps in our understanding of asthma, and the development of new therapies continues. This book offers valuable information to healthcare providers and researchers. Please purchase a copy of this book to aid diagnosis, management, and treatment.

Changes in Children's Use and Expenditures for Asthma Medications, United States, 1997-1998 to 2007-2008

To aid diagnosis, management and treatment.

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Asthma treatment is complex and involves a range of medications and therapies. This book, "Asthma, a chronic respiratory disease, affects persons of all ages but it is more prevalent among children than adults in the U.S.

Pharmacotherapy is essential in the management of asthma. Inhaler devices are a crucial component of asthma management, and understanding their correct use is essential for optimal asthma control. This book provides comprehensive coverage of inhaler devices, including their design, drug delivery systems, and the latest research and development trends.

Key features of the book include:

- Detailed guidance on the correct use of inhaler devices
- Extensive coverage of drug delivery systems
- Up-to-date information on the latest research and developments
- Comprehensive coverage of the latest guidelines and recommendations

This book is essential for pulmonologists, respiratory therapists, and nurses who care for patients with asthma, as well as for researchers and practitioners in the field of respiratory medicine.
This book provides discussions on bronchial asthma from a clinical perspective, focusing on the recent studies on its pathophysiology, diagnosis and treatment. It also explores the latest findings regarding the phenotypes and endotypes of asthmatic patients, making it of particular interest to those involved with non-eosinophilic asthma and eosinophilic asthma. Further, it discusses the importance of ILC2 in eosinophilic asthma, and the accumulated results from the forced oscillation technique and periostin that are actively practiced in Japan. As some aspects of diagnosis and treatment are different in Western and Asian countries, it is important that the data is disseminated around the globe. The clinical questions addressed by the authors are critical and thought-provoking, while the questions raised by the editors are instructive, informative and provide new perspectives on unresolved issues. This book appeals to wide readership from beginning learners to physicians in clinical practice and scholars engaging in basic research.

Advances in Asthma - Akihito Yokoyama - 2018-12-18

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Taking a new look at asthma; diagnosing asthma (key indicators; peak flow meters: use and technique). Primarily covers controlling asthma: select medications (glossary of asthma medications, treatments in the stepwise approach for infants, young children and adults); stop attacks (severity of asthma attacks, management of asthma attacks, home treatment); identify and avoid triggers; educate patients; monitor and modify asthma care for effective long-term control (factors involved in noncompliance). Also, adapting guidelines for local use.

The Carnivore Code - Paul Saladino - 2020-08-04

The Plant Paradox meets The Keto Reset Diet. In this best-selling book, Dr. Paul Saladino—a rising star in the Paleo and Keto communities—reveals the surprising benefits of a meat-based diet and shares a complete plan to lose weight, decrease inflammation, and heal from chronic disease.

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