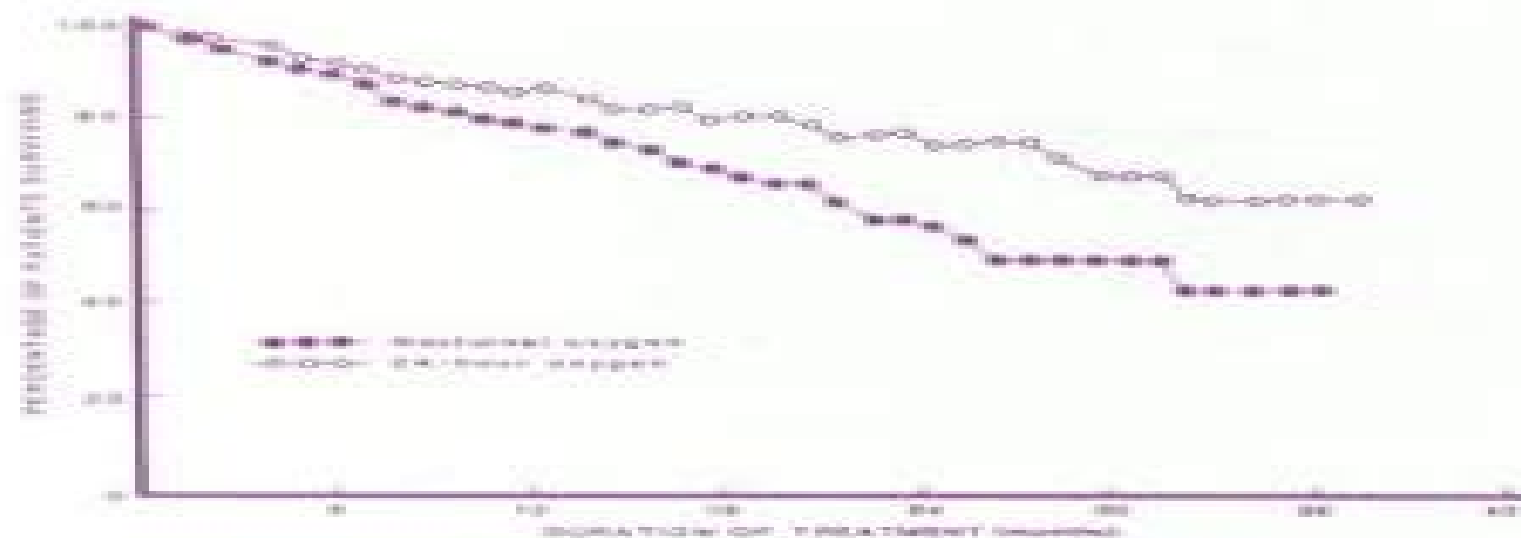


Long-Term Oxygen Therapy

Scientific Basis and Clinical Application



edited by

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Long Term Oxygen Therapy Scientific Basis And Clinical Application

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Clinical Management of Chronic Obstructive Pulmonary Disease Stephen I. Rennard,Roberto Rodriguez-Roisin,Gerard Huchon,Nicolas Roche,2007-11-19 Since the publication of the first edition chronic obstructive pulmonary disease COPD as a public health issue has increased in line with the predictions of the World Health Organization and by the year 2020 will become one of the main killers of human life With several important large scaled trials becoming available and our knowledge of COP

IgE and Anti-IgE Therapy in Asthma and Allergic Disease Robert Fick,2002-04-24 Exploring the role of Immunoglobulin E IgE in human disease this reference summarizes current research on the mechanisms and utilization of anti IgE therapeutics in the treatment of IgE mediated allergic disease inflammation and asthma discussing the structural composition of high and low affinity IgE receptors the airway cells that express

New and Exploratory Therapeutic Agents for Asthma Michael Yeadon,Zuzana Diamant,1999-11-12 Discusses three major classes of asthma therapies bronchodilators antiinflammatories and antiallergics as well as potential new therapeutic approaches This comprehensive volume addresses the latest treatment strategies for asthma keying in on the genetics and molecular biology of asthma and pointing the way toward new commercially viable therapies Presents the most up to date information available on the genetics epidemiology pathology pharmacology and pulmonology of asthma Written by more than 20 leading international experts New and Exploratory Therapeutic Agents for Asthma explores asthma both as incidence of dysfunctional airway smooth muscle and as a disorder of the immune system examines the role of monoclonal antibodies in allergy and asthma describes functions and pharmacokinetic profiles of bronchodilator 2 agonists anticholinergics and inhaled glucocorticosteroids investigates the controversy of different types of asthma illustrates the connections between clinical symptoms and the immunopathology of eosinophilic inflammation assesses prospects for the development of a successful oral anti inflammatory therapy 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 selective antimuscarinics evaluates the relationship between improvements in laboratory results and clinical effectiveness and more Containing over 2000 bibliographic citations and a concise introduction for each chapter New and Exploratory Therapeutic Agents for Asthma is indispensable for pulmonologists pediatricians physiologists immunologists allergists pharmaceutical industry scientists primary care physicians and medical school students in these disciplines

Pleural Disease Demosthenes Bouros,2004-02 Nearly a quarter of clinical consultations of a pulmonary service concern some form of pleural disease often related to infection of the

pleura a delicate serous membrane along the surface of the lung Aiming for comprehensivity Bouros pneumonology Demokritos U of Thrace Medical School present **Acute Respiratory Distress Syndrome** Michael A. Matthay, 2003-07-11 Forty seven international specialists contribute 23 chapters documenting recent progress made in the research of the acute respiratory distress syndrome ARDS and clinical acute lung injury ALI at the molecular cellular and physiological levels and current pharmacological and ventilatory approach **The Thorax -- Part A** Charis Roussos, 1995-08-30 This book provides a comprehensive authoritative and contemporary discussion of the physiology and pathophysiology of the chest wall as well as an overview of the diagnostic and therapeutic modalities It is an invaluable aid to clinical investigators **Anticholinergic Agents in the Upper and Lower Airways** Sheldon Spector, 1999-06-04 This comprehensive collection discusses anticholinergic agents integrating the treatment of rhinitis the common cold and asthma in the upper and lower airways while updating the latest therapeutic practices Features assessments of soon to be available medications Written by expert allergists and pulmonologists as an exploration of the clinical application of antimuscarinics Anticholinergic Agents in the Upper and Lower Airways explores the common triggers and pathogenesis of the upper and lower airways including pathogenic mechanisms that cause allergies covers hyperresponsiveness and the M2 and M3 receptors considers the interactions of muscarinic receptors with other substances such as protein kinase C cytokines and growth factors that magnify the receptors effects analyzes bronchodilators bronchomotor tone and reflex bronchospastic mechanisms assesses antimuscarinic drugs as treatment for acute asthma attacks reviews the use of anticholinergic agents to treat rhinorrhea and upper respiratory infections surveys data regarding the combination of beta agonists and antimuscarinics evaluates the future of tiotropium bromide as a bronchodilator focuses on the subspecialties of allergy and chest medicine examines new work regarding the interaction of viruses and the muscarinic receptor and more Containing over 700 references to facilitate further study Anticholinergic Agents in the Upper and Lower Airways is a thorough multidisciplinary reference especially relevant to clinical immunologists and allergists pulmonologists physiologists lung biologists family and general practitioners internists pediatricians and medical students in these disciplines **Sleep Apnea** Allan I. Pack, 2002-05-21 Considers the relationship between obstructive sleep apnea OSA and cardiovascular disease right and left ventricular dysfunction and hypertension Sleep Apnea analyzes techniques to identify diagnose and monitor sleep induced upper airway obstruction developments in functional brain imaging associated with sleep and **Therapeutic Targets in Airway Inflammation** N. Tony Eissa, David P. Huston, 2003-05-13 This reference examines the cellular molecular and genetic mechanisms involved in airway inflammation as well as the pathophysiology epidemiology and aetiology of asthma It explores strategies to prevent cellular injury and oxidative tissue damage inhibit key inflammatory pathways and identify disease specific targets to reduce the induction **Five-Lipoxygenase Products in Asthma** Jeffrey Drazen, 2016-04-19 Five Lipoxygenase Products in Asthma offers an authoritative examination of the biochemistry basic pharmacology and clinical pharmacology of the leukotrienes

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Idiopathic Pulmonary Fibrosis Joseph P. Lynch,2003-12-18 A discussion of the epidemiology clinical features and differential diagnoses of idiopathic pulmonary fibrosis IPF Key topics include the role of polymorphonuclear leukocytes in the pathogenesis of pulmonary fibrosis and current treatment options including medical therapy and lung transplantation

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Respiratory Control and Disorders in the Newborn Oomen P. Mathew, 2003-01-28 This text analyses the pathophysiology diagnosis treatment and control of respiratory disorders in the newborn infant It explores the mechanisms patterns and factors influencing respiratory activity and dysfunction as well as the aetiology management and evaluation of conditions such as respiratory distress syndrome bronchopulmonary dysplasi

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