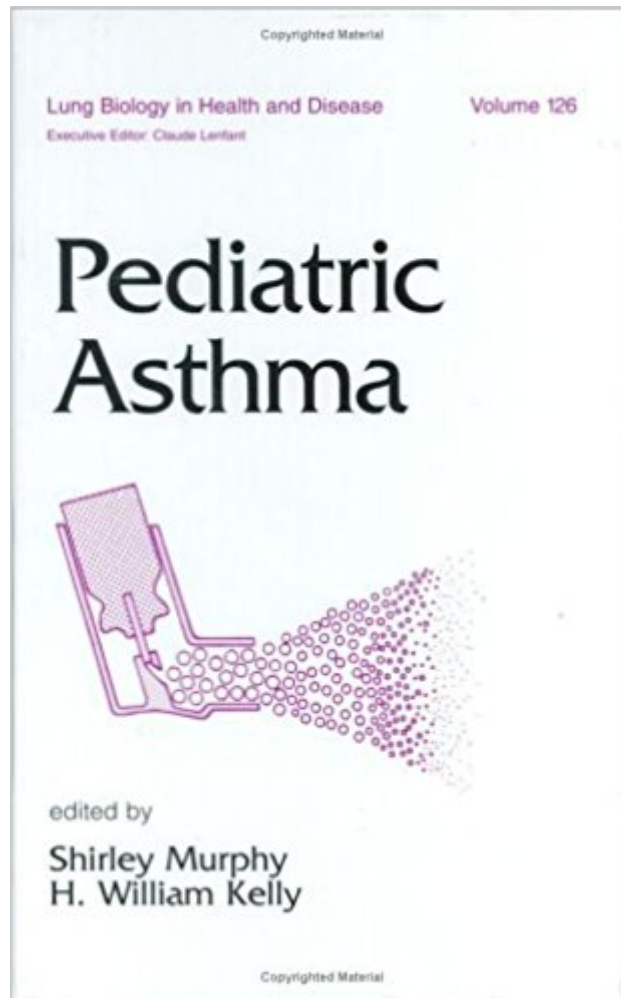


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# Pediatric Asthma (Lung Biology In Health And Disease)



## Synopsis

An up-to-the-minute reference guide for health professionals confronting pulmonary disorders in children, *Pediatric Asthma* offers the latest findings on this classification-defying disease and related conditions. Written by more than 20 international experts in the field, the book focuses on drug administration-issues of compliance, aerosol delivery, and pharmacokinetic differences among children-with a view toward developing new and more efficacious therapies. Provides cutting-edge analysis for more effective diagnosis of children with asthma and improved monitoring and treatment for chronic patients! With a firm theoretical grounding and reflecting the state of the art in pharmacological research and development, *Pediatric Asthma* reviews the prevalence, causes, and demographics of childhood asthma worldwide explores determinants of the disorder in various populations-gender, age and severity of onset, atopic status, family history, and smoking elucidates physiological factors such as airway remodeling, airway hyperresponsiveness, and persistent inflammation describes in vivo and in vitro testing for asthma-associated allergy and the pros and cons of allergen immunotherapy delineates the dynamics of the lung in terms of phenomena such as peak expiratory flow (PEF), forced vital capacity (FVC), and bronchial hyperresponsiveness (BHR) highlights the importance of patient education and self-management investigates the role that developmental psychopathologies and neurobehavioral dysfunctions may play in pediatric asthma discusses inflammatory mediators such as cytokines, chemokines, leukotrienes, and prostaglandins evaluates intravenous and inhaled 2 agonists for the bronchodilating treatment of acute severe asthma and more! Featuring over 2100 references, more than 60 user-friendly tables, and a handy Appendix on clinical monitoring of childhood asthma and recommended drug dosages for its treatment, *Pediatric Asthma* is an indispensable resource for pediatricians, pediatric pulmonologists, and pediatric pharmacists; clinical allergists and immunologists; general and family practitioners; and graduate and medical school students in these disciplines.

## Book Information

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## Customer Reviews

Shirley Murphy, M.D. and H. William Kelly, Pharm. D., professors at the University of New Mexico Health Science Center in Albuquerque assembled an extraordinary group of contributors to review the entire subject of pediatric asthma. This incredibly up to date review covers natural history and epidemiology, pathophysiology and relation to allergy, testing and diagnosis, acute and chronic therapy, psychology and patient education, and specific outpatient, inpatient and intensive care unit interventions with emphasis on the pharmacodynamics of each medication in 15 excellent and highly annotated chapters. This reference is oriented toward the medical professional, not the lay public or parent's of children with asthma. It should be used as the starting point of any future medical review of pediatric asthma. One remarkable contribution is the inclusion of many tables that summarize the available original literature thus affording the researcher or student the full scope of the previous research. A very complete index of authors and subjects and an appendix of available drugs completes this review.

my daughter purchased this book to do a report, she is 16 and it was too medically terminology advanced for her use, It was like she needed a medical degree in order to use it. I wish i could return it but i dont think i can.

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(Lung Biology in Health and Disease) Treatment of the Hospitalized Cystic Fibrosis Patient (Lung Biology in Health and Disease, vol. 109) Principles and Practice of Lung Cancer: The Official Reference Text of the International Association for the Study of Lung Cancer (IASLC) Pediatric Inflammatory Bowel Disease: Perspective and Consequences (Pediatric and Adolescent Medicine, Vol. 14) Gum Disease Cure (Gum Disease Cure, Periodontal Disease, Gum Disease, Gum Infection, Gingivitis treatment, Tooth Decay) American Lung Association Family Guide to Asthma and Allergies The Inflammation Cure: Simple Steps for Reversing heart disease, arthritis, asthma, diabetes, Alzheimer's disease, osteoporosis Chronic Kidney Disease: The Ultimate Guide to Chronic Kidney Disease: Diet, Prevention, Early Detection and Fast Treatment! (Kidney Stones, Kidney Disease Solution, Kidney Health) Yoga Beats Asthma: Simple exercises and breathing techniques to relieve asthma and respiratory disorders The Complete Kid's Allergy and Asthma Guide: Allergy and Asthma Information for Children of All Ages Practical guide for the diagnosis and management of asthma : based on the Expert Panel report 2 : guidelines for the diagnosis and management of asthma (SuDoc HE 20.3208:AS 8/8) Asthma-Free Naturally: Everything You Need to Know to Take Control of Your Asthma - Featuring the Buteyko Breathing Method Suitable for Adults and Children Asthma Solved Naturally: The Surprising Underlying Causes and Hundreds of Natural Strategies to Beat Asthma How Asthma Makes Me Feel : A Commemorative Book of Artwork and Essays By Young People with Asthma Asthma - A Link Between Environment, Immunology, and the Airways: Proceedings of the XVIth World Congress of Asthma, Buenos Aires, October 17-20, 1999 Asthma Survival: The Holistic Medical Treatment Program for Asthma

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