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Nota di contenuto	Preface -- 1.Assessment of Airway Hyperresponsiveness: Comparison of Spirometry and Body Plethysmography -- 2. Hospital Management of Patients with Exacerbation of Severe Chronic Obstructive Pulmonary Disease -- 3. Pulmonary Rehabilitation in Patients Referred for Lung Transplantation -- 4. Effects of Nasal Insufflation on Arterial Gas Exchange and Breathing Pattern in Patients with Chronic Obstructive Pulmonary Disease and Hypercapnic Respiratory Failure -- 5. Exposure to Traffic-Related Air Pollutants as a Risk of Airway Obstruction -- 6. Occupational Immediate-Type Allergic Asthma due to Potassium Tetrachloroplatinate in Production of Cytotoxic Drugs -- 7. Comparison of Different Non-Invasive Methods for Detection of Allergic Asthma -- 8. Deep Nasal Inspirations Increase the Cough Threshold in

Children with Mild Asthma -- 9. Reproducibility of Sensitivity to Capsaicin Assessed by Single Breath Inhalation Methodology -- 10. Occupational Non-Immediate Type Allergic Asthma due to Ammonium Persulfate -- 11 -- 12. Evaluation of Laryngopharyngeal Reflux in Pediatric Patients with Asthma Using a New Technique of Pharyngeal pH-Monitoring -- 13. Latent Airway Hyperresponsiveness: A Phenomenon Bordering Bronchial Asthma Definition -- 14. Impact of Daytime Sleepiness on Rehabilitation Outcome in the Elderly -- 15. Pulmonary Physiotherapy in Patients with Bronchial Asthma -- 16. Hypoxemia during Bilevel Positive Airway Pressure Treatment in Patients with Obstructive Sleep Apnea Syndrome and Chronic Respiratory Insufficiency -- 17. Validation of the Essener Questionnaire of Age and Sleepiness in the Elderly Using Pupillometry -- 18. Lung Function at Age 18-25 Years: A Comparison of Different Reference Value Systems -- 19. Pulmonary Function Impairment in Patients Undergoing Allogeneic Hematopoietic Cell Transplantation -- 20. Lung Impairment in Scleroderma -- 21. Severity of Nocturnal Cardiac Arrhythmias Correlates with Intensity of Sleep Apnea In Men -- 22. Evaluation of Spirometry after Application of Salbutamol in Relation to 2-Adrenergic Receptor Gene Polymorphism -- 23. Costs of Smoking-Attributable Productivity Losses in Poland -- 24. Cigarette Smoking among Students and the Influence of Legal Regulations on Passive Smoking -- 25. Approach of Medical Students toward Smoking in the Cities of Warsaw, Strasbourg, and Teheran -- 26. Epidemiology of Pertussis in an Urban Region of Poland: Time for a Booster for Adolescents and Adults -- 27. Rhinitis as a Cause of Respiratory Disorders during Pregnancy -- 28. Subglottic and Tracheal Stenosis due to Wegener's Granulomatosis -- 29. Pulmonary Aspergillosis: Therapeutic Management and Prognostic Factors From 16 Years of Monocenter Experience -- 30. Influence of Rapid Influenza Test on Clinical Management of Children Younger than Five with Febrile Respiratory Tract Infections -- 31. Influenza Immunization Rates in Children and Teenagers in Polish Cities: Conclusions from the 2009/2010 Season -- 32. Pharmacotherapy for Sarcoidosis: An Example of an Off-label Procedure -- 33. Invasive Pneumococcal Bacteraemia in a Nine-Year-Old-Boy Caused by Serotype 1: Course, Treatment and Costs -- 34. Nosocomial Rotavirus Gastroenterocolitis in Children Hospitalized Primarily due to Respiratory Infections -- 35. Mental Health of Polish Students and the Occurrence of Respiratory Tract Infections -- 36. Atherosclerotic Factors in PR3 Pulmonary Vasculitis -- 37. Vagal Heart Rate Control in Patients with Atrial Fibrillation: Impact of Tonic Activation of Peripheral Chemosensory Function in Heart Failure -- 38. Pulmonary Arterial Hypertension in Patients with Sarcoidosis: The Pulsar Single Center Experience -- 39. Cutaneous Changes: An Initial Manifestation of Pulmonary Wegener's Granulomatosis -- 40. Posturography in Differential Diagnosis of Normal Pressure Hydrocephalus and Brain Atrophy -- 41. Psychological Background of Pro-Health Behavior -- 42. Cardiovascular Effects of the Valsalva Maneuver during Static Arm Exercise in Elite Power Lifting Athletes -- 43. Computer Games and Fine Motor Skills -- 44. Toward the Clarification of Ideas: Medical Futility, Persistent/Obstinate Therapy and Extra/Ordinary Means.- 45. Psychological Attachment in Patients with Spondylosis of Cervical and Lumbar Spine -- 46. Fear and Anger among Adolescents and the Behavior of Their Mothers -- 47. Psychosomatic Disorders among Adopted People -- 48. Market Surveillance of in vitro Diagnostics by the BfArM until End 2010: Safety of IVD for Therapeutic Drug Monitoring -- 49. Market Surveillance of in vitro Diagnostics by The

Sommario/riassunto

This book, written for pulmonary and family doctors, general practitioners, allergologists, and neuropsychologists, presents cutting-edge clinical research and therapy-oriented knowledge in the field of respiratory medicine. Clinical knowledge is undergoing dramatic improvement. Respiration is one such prominent field. A better understanding of the pathogenesis of respiratory ailments and the regulation of lung ventilation is essential for advances in pharmacotherapy and the patient's quality of life. The book discusses a wide scope of topics, notably, innovations in detection and management of chronic inflammatory conditions such as COPD or asthma, acute infections of the respiratory tract, airway allergies and hyper-responsiveness, lung cancer, interstitial lung diseases, pulmonary function in health, disease and aging, sleep disordered breathing, interaction between the respiratory system and other bodily functions, and psychosomatic aspects of disease. After all, respiration is generated and integrated by the brain; therefore brain function is influential in respiratory regulation. The book is a platform that fosters the exchange of new clinical data between clinicians and academic neuroscientists, bringing a unique blend of medical diagnosis and practice to the leadership in respiratory medicine.

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