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Nota di contenuto	Section 1: General concepts of upper respiratory tract for pediatric pulmonology -- 1. Embryological origins of the upper and lower respiratory tract -- 2. Histological chaaracteristics of the upper respiratory tract: continuum with lower respiratory tract -- 3. Structural and physiological basis of upper respiratory tract -- 4. Congenital anomalies of the upper respiratory tract -- 5. Immunological Defense Mechanisms of the Respiratory System -- 6. Innate and Adaptive Immunity of the Respiratory System -- 7. Immune Responses to Respiratory Infections -- 8. The Respiratory Microbiome -- 9. Communication with sick children -- 10. Communication with sick child's parents -- Section 2: Diagnostic Testing -- 11. Radiologic evaluation of upper respiratory system -- 12. Radiologic evaluation of lower respiratory system -- 13. Fundamentals of upper respiratory

tract endoscopy -- 14. Bronchoscopic evaluation: diagnostic clues from upper respiratory tract -- 15. Preschool lung function testing and upper respiratory tract -- 16. Spirometry and upper respiratory tract -- 17. Alergen Testing: Purpose, procedure, interpretation -- 18. Smell testing: Purpose, procedure, interpretation -- 19. Taste Testing: Purpose, procedure, interpretation -- Section 3: Symptoms and signs related with upper and lower respiratory Tract Diseases -- 20. Otalgia in children -- 21. Otorrhea in children -- 22. Nasal Obstruction in Childhood -- 23. Nasal itching, and sneezing in children -- 24. Rhinorrhoea: Pathogenesis, Diagnosis and Treatment -- 25. Tonsillary Hypertrophia in Childhood -- 26. Halitosis due to Pediatric Ear, Nose, and Throat Field Infections -- 27. Dysphonia in Children -- 28. Dysphagia in Children -- 29. Cervical Lymphadenopathy in Children -- 30. Chronic cough in children: upper respiratory tract related etiologies -- 31. Wheezing in Children : Upper respiratory tract comorbidities -- 32. Hemoptysis in Children: ENT related etiologies -- 33. Section 4: Pediatric pulmonology disease specific upper respiratory tract involvement -- 34. Airway inflammation: United airways in children -- 35. Allergic rhinitis: Otorhinolaryngologist perspective -- 36. Allergic rhinitis: Pediatric pulmonologist perspective -- 37. Allergic rhinitis: Clinical and therapeutic aspects in asthma -- 38. Meeting organ for ENT and Pediatric Pulmonology: Adenoids -- 39. Meeting organ for ENT and Pediatric Pulmonology: Tonsils -- 40. Pediatric rhinosinusitis: General overview -- 41. Pediatric rhinosinusitis and comorbid asthma -- 42. Pediatric otitis media and comorbid asthma -- 43. Pneumonia in Children and comorbid rhinosinusitis -- 44. Sleep related breathing disorder: Upper respiratory tract related etiologies -- 45. Upper respiratory tract involvement in cystic fibrosis: Genetics and developmental basis -- 46. Upper respiratory tract involvement in cystic fibrosis: Therapeutic continuity -- 47. Upper respiratory tract involvement in primary ciliary diskinesia: Genetics and developmental basis -- 48. Upper respiratory tract involvement in primary ciliary diskinesia: Clinics and diagnosis. 49. Upper respiratory tract involvement in primary ciliary diskinesia: Therapeutic continuity -- 50. Primary immunodeficiencies: upper respiratory tract consequences -- 51. Foreign bodies in children as a cause of upper and lower airways infection -- Section 5: Infectious Diseases of the Pediatric Airway -- 52. Sinusitis in Children -- 53. Adeniditis in Children -- 54. Tonsillitis in Children -- 55. Epiglottis -- 56. Laryngitis -- 57. Tracheitis -- 58. Peritonsillar Abscess -- 59. Retropharyngeal Abscess ubmandibular space infections (Ludwig's angina) -- Section 6: Surgical Interventions for Upper airway Management -- 60. Choanal Atresia Management -- 61. Endoscopic sinus surgery in children -- 62. Septoplasty to provide nasal breathing in children -- 63. Tracheostomy to eliminate upper airway obstruction in children -- 64. Adenoidectomy and Tonsillectomy to eliminate airway obstruction -- 65. Management of laryngeal webs in children -- 66. Management of laryngeal papillomatosis in children -- Section 7: Miscellaneous -- 67. The role of the Critical airway team -- 68. Epidermolysis Bullosa: ENT involvement -- 69. Pierre Robin Sequence: Controversies in Management -- 70. Herpes simplex inferctions in children -- 71. COVID: Upper respiratory involvement.

Sommario/riassunto

This book offers a comprehensive overview of airway diseases in children and their treatment by combining the expertise of ENT and Pediatric Pulmonology. Organized into six sections, it opens with general concepts of the upper respiratory tract for pediatric pulmonology before covering diagnostic testing. The third section explores the symptoms and signs related to upper and lower respiratory tract diseases. Section 4 focuses on Pediatric Pulmonology

Disease-Specific Upper Respiratory Tract Involvement, whereas Section 5 is devoted to infectious diseases of the pediatric airway. Section 6 reviews surgical interventions for upper airway management. Each chapter provides full coverage of the topic at hand and includes fundamental information as well as updated insights. The international authorship ensures a wide range of perspectives and expertise. With its in-depth coverage and expert contributors, this book will broaden the understanding of pediatric airway diseases and meet the needs of ENT and pediatrics trainees and students, as well as ENT practitioners, pediatricians, and pulmonologists.