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Titolo	Diagnostic Tests in Pediatric Pulmonology : Applications and Interpretation / / edited by Stephanie D. Davis, Ernst Eber, Anastassios C. Koumbourlis
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Descrizione fisica	1 online resource (326 p.)
Collana	Respiratory Medicine, , 2197-7380
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Soggetti	Respiratory organs - Diseases Pediatrics Critical care medicine Family medicine Pneumology Intensive Care Medicine General Practice and Family Medicine
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The Evaluation of the Upper And Lower Airways in Infants and Children. – Principles and Pearls from 4 Decades in the Trenches -- Bronchoalveolar Lavage: Tests and Applications -- Understanding Interventional Bronchoscopy -- Nasal Nitric Oxide and Ciliary Video microscopy: Tests Used for Diagnosing Primary Ciliary Dyskinesia -- Functional Evaluation of Cystic Fibrosis Transmembrane Conductance Regulator -- Allergic and Immunologic Testing in Children with Respiratory Disease -- Interpretation of Pulmonary Function Tests in Clinical Practice -- Infant and Preschool Pulmonary Function Tests -- Newer Pulmonary Function Tests -- Selection and Appropriate Use of Spirometric Reference Equations for the Pediatric Population -- Polysomnography for the Pediatric Pulmonologist -- Cardiopulmonary Exercise Testing Techniques to Evaluate Exercise Tolerance -- Imaging for the Pediatric Pulmonologist -- Fractional Exhaled Nitric Oxide: Indications and Interpretation.
Sommario/riassunto	Over the past 20 years, diagnostic tests for pediatric pulmonologists

have revolutionized care of children afflicted with respiratory disorders. These tests have been used to not only help in diagnosis, but also in the management and treatment of these children. Bronchoscopic, imaging and physiologic advances have improved clinical care of these children and have been used as outcome measures in research trials. Diagnostic Tests in Pediatric Pulmonology: Applications and Interpretation describes the various diagnostic modalities (especially the newer ones) that are available for the evaluation of pediatric respiratory disorders. It also provides an understanding of the advantages and limitations of each test so that the clinician may choose the most appropriate ones. An internationally renowned group of authors describe how best to interpret the key findings in a variety of tests as well as the possible pitfalls in incorrect interpretation. This volume focuses on the main diagnostic modalities used in the evaluation of pediatric patients with respiratory disorders and presents up-to-date information on the advantages and limitations of each test for a variety of conditions encountered in the practice of pediatric pulmonology. Clinical utility of these tests is also highlighted. This valuable resource is well suited to practicing clinicians, including pediatric pulmonologists, pediatricians and primary care practitioners, as well as trainees, respiratory therapists and clinical researchers.
