

Special Issue

Pulmonary Function in Children with Respiratory Symptoms

Message from the Guest Editors

Pulmonary function tests are reliable and objective methods to assess lung functionality. The most commonly used is spirometry, which is available in the majority of pediatric wards and offices. Since spirometry is painless, non-invasive, repeatable, relatively easy to perform, and offers instant objective data, it has become a valuable diagnostic tool in pediatric pneumology and has been used to rule out asthma in some children. It is also a useful tool for monitoring the course of chronic disorders. In young children, especially infants and neonates, other methods are required for lung function assessment. Impulse oscillometry and body plethysmography are less commonly used but may provide a better understanding of pulmonary function. In addition to children with asthma, cystic fibrosis, or bronchopulmonary dysplasia, those with neuromuscular conditions might benefit from lung function tests. In conclusion, pulmonary function testing is a valuable topic of interest not only in pediatric pneumology but in other aspects of childhood health.

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You are invited to contribute a research article or comprehensive review for consideration and publication in *Children* (ISSN 2227-9067). *Children* is an open access journal—research articles, reviews, and other content are published online immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. The journal focuses on sharing clinical, epidemiological, and translational science relevant to children's health. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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