

Special Issue

Surgical Management of Thoracic Disorders in Children

Message from the Guest Editors

The surgical management of thoracic disorders in children has evolved substantially over the past few decades, and is driven by advances in neonatal care, imaging technologies, and surgical techniques. Historically, pediatric thoracic surgery was dominated by open approaches and associated with significant morbidity. The introduction of minimally invasive surgery improved anesthetic management, and better understanding of pediatric thoracic anatomy and physiology has progressively reshaped clinical practice, leading to improved outcomes and reduced long-term sequelae. The aim of this Special Issue is to provide a comprehensive and up-to-date overview of the surgical management of thoracic disorders in children, encompassing both congenital and acquired conditions. The scope includes esophageal anomalies, congenital lung malformations, mediastinal diseases, chest wall deformities, thoracic infections, trauma, and rare thoracic pathologies, with particular attention to age-specific surgical decision-making.

Guest Editors

Dr. Marco Di Mitri

1. Pediatric Surgery Department, Meyer Children's Hospital IRCCS, 50139 Firenze, Italy
2. Alma Mater Studiorum, University of Bologna, 40126 Bologna, Italy

Prof. Dr. Patkowski Dariusz

Department of Pediatric Surgery and Urology, Wrocław Medical University and Hospital, Borowska 213, 50-556 Wrocław, Poland

Deadline for manuscript submissions

10 August 2026



Children

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 3.8
Indexed in PubMed



mdpi.com/si/270876

Children
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
children@mdpi.com

[mdpi.com/journal/
children](https://mdpi.com/journal/children)





Children

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 3.8
Indexed in PubMed



[mdpi.com/journal/
children](https://mdpi.com/journal/children)



About the Journal

Message from the Editor-in-Chief

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

Prof. Dr. Paul R. Carney

Departments of Child Health and Neurology, University of Missouri, 400 Keene Street, Columbia, MO 65211, USA

Author Benefits

Open Access

— free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, and other databases.

Journal Rank:

JCR - Q2 (Pediatrics) / CiteScore - Q2 (Pediatrics, Perinatology and Child Health)