

## Special Issue

# Advances in the Diagnosis and Management of Congenital Heart Disease in Children

### Message from the Guest Editors

Over the last 2–3 decades, we have made huge strides in the management of congenital heart diseases.

Advancements in non-invasive imaging, cardiac CTA, cardiac MRI, and echocardiography have transformed the field of imaging. Evolving technologies such as 3D printing, virtual reality, and mixed reality have greatly enhanced our ability to experience three-dimensional images and changed the paradigm of presurgical planning. The introduction of electromapping in the electrophysiology map has significantly reduced the need for radiation. Three-dimensional rotational angiography has provided new dimensions in the cardiac path for the management of complex congenital heart disease. The surgical techniques have matured, and mortality has significantly decreased.

---

### Guest Editors

Prof. Dr. P. Syamasundar Rao

Dr. Arpit Agarwal

Prof. Dr. Harinder R. Singh

---

### Deadline for manuscript submissions

closed (5 March 2023)



## Children

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.1  
CiteScore 3.8  
Indexed in PubMed



[mdpi.com/si/92353](https://mdpi.com/si/92353)

*Children*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[children@mdpi.com](mailto: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)