

## Special Issue

# Diagnosis and Treatment of Acute Illness and Trauma in Pediatrics

### Message from the Guest Editors

Treatments, drugs, devices, and therapeutics are used extensively off-label in pediatrics owing to the absence of FDA clearance for a pediatric indication. The latest FDA guidelines support alternative evidence generation, yet the challenges for pediatric clinical investigators to use simulated trial designs, leverage RWE, or perform meta-analyses to achieve more evidence-based guidelines or a pediatric indication remain.

This Special Issue invites investigators conducting research to support guideline development or pediatric indications in acute pediatric illnesses, surgery, and trauma to share their work. The editors aim to promote evidence-based guidelines by employing alternative evidence-generation strategies that avoid cost-prohibitive clinical trials.

We invite clinical investigators working on pediatric acute illness/injury treatments or devices to submit manuscripts, as well as discussion papers on challenges in pediatric trial designs. Young investigators and students are especially encouraged to submit work on challenges encountered, efforts made, and solutions found.

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### Guest Editors

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### Deadline for manuscript submissions

15 August 2026



## Children

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Impact Factor 2.1  
CiteScore 3.8  
Indexed in PubMed



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## 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.

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### Editor-in-Chief

Prof. Dr. Paul R. Carney

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