

Special Issue

Pediatric Neurocritical Care and Neurotrauma Recovery

Message from the Guest Editors

The field of pediatric neurocritical care is rapidly expanding thanks to advancements in neuromonitoring, neurointervention, and neurorecovery, but more research is needed to optimize outcomes. Though mortality rates have steadily declined in pediatric critical care populations, children with acquired brain injuries from a variety of etiologies remain at high risk of mortality and long-term morbidity. Survivors experience challenges in the physical, cognitive, emotional, and social domains termed post-intensive care syndrome (PICS). Despite these risks, research in pediatrics lags behind adult populations regarding the optimal inpatient monitoring and intervention needed to improve recovery. Research on long-term outcomes is scarce for many pediatric neurocritical care diagnoses, and the use of robust. This Special Issue's focus is on all aspects of pediatric neurocritical care from inpatient care through outpatient recovery. We particularly highlight novel and ongoing research on advanced neuromonitoring and neurorecovery in pediatric neurocritical care, seeking to improve our understanding of PICS outcomes.

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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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