

Special Issue

Innovation in Pediatric Surgery: From Robotic Procedures to Emerging Technologies

Message from the Guest Editor

Recently, there has been a rapid evolution in the field of pediatric surgery, driven by technological innovation and the growing application of minimally invasive approaches. From robotic-assisted procedures to intraoperative navigation, artificial intelligence integration, and smart instrumentation, the modern pediatric operating room is undergoing a profound transformation. This Special Issue aims to bring together original research articles, clinical studies, and reviews that highlight the latest innovations in pediatric surgical techniques, technologies, and care models. Contributions focusing on robotic systems, advanced imaging, intraoperative decision support, tele-surgery, and AI-driven diagnostics are especially welcome. The goal is to provide an up-to-date overview of how innovation is redefining safety, precision, and outcomes in pediatric surgery.

Guest Editor

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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.

Editor-in-Chief

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